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TM 9-2800

WAR DEPARTMENT

TECHNICAL MANUAL

STANDARD MILITARY MOTOR VEHICLES

1 SEPTEMBER 1943

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TECHNICAL MANUAL
No. 9-2800

U.S. 2
1943

WAR DEPARTMENT
Washington, 1 Sept. 1943

STANDARD MILITARY MOTOR VEHICLES

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*This manual supersedes TM 9-2800, 6 March 1943.

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STANDARD MILITARY MOTOR VEHICLES

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INTRODUCTION

Data and illustrations herein are from the most reliable sources available at date of publication. Production variations and changes account for some discrepancies. It is suggested that such differences or additional pertinent information be brought to the attention of Military Publications Section, Executive Branch, Tank-Automotive Center, Detroit, Michigan, at the earliest possible moment, for use in preparation of future editions.

Information on responsibility of maintenance, storage and issue is given in section XVIII. This section also contains an index, and shows classification according to general purpose, special equipment or special purpose.

More detailed information will be found in the Technical Manuals listed for each vehicle.

EXPLANATION OF TERMINOLOGY USED

The term "maximum gradability" indicates the steepest slope the vehicle can negotiate in low gear.

Ordnance practice of determining slope in terms of percent is the same as is customary in other technical fields such as surveying and construction of roads and railroad grades.

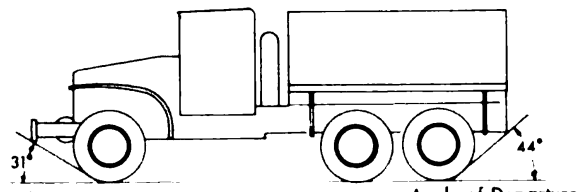
Percent of slope is defined as the ratio between the vertical rise and the horizontal distance travelled.

Some confusion arises from the practice of measuring angles in degrees. Examples of slopes measured in terms of degree of angle and percent of slope follow:

Degree of angle	Percent of slope
0°	0%
10°	17.633%
30°	57.735%
45°	100%

SNL — Standard Nomenclature List.

6 x 4 — Six wheels, four driving wheels.



w/w — With winch.

wo w — Without winch.

Net weight — Weight of vehicle in operating condition without crew or payload.

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STANDARD MILITARY MOTOR VEHICLES

CLASSIFICATION

The vehicles in this manual are classified in the following manner, in accordance with Army Regulations 850-25, paragraph 13:

a. Standard Vehicles are the most advanced and satisfactory that have been adopted by the Secretary of War and are those which are preferred for procurement to meet supply demands.

b. Substitute Standard Vehicles are those which do not have as satisfactory military characteristics as standard vehicles but are usable substitutes for standard vehicles. They are not normally in use or available for issue to meet supply demands but would, when necessary, be procured to supplement the supply of standard vehicles.

c. Limited Standard Vehicles are those which do not have as satisfactory military characteristics as standard vehicles, but are usable substitutes for standard vehicles, and are either in use or available for issue to meet supply demands. Complete major units will not be reproduced but component parts and complementary articles, even though they may be limited standard articles, may be procured if necessary to maintain the complete major units in serviceable condition.

The wheeled vehicles in the manual are further classified in the following manner, in accordance with Army Regulations 850-15, paragraph 3:

a. General Purpose Vehicles are all wheeled vehicles intended for movement of personnel, supplies, ammunition, or equipment or towing of guns, trailers, or semitrailers, and which are used by more than one service.

b. Special Equipment Vehicles are wheeled vehicles, the chassis of which are basically identical to those used in general purpose vehicles, but which have a special body or special equipment mounted thereon.

c. Special Purpose Vehicles are wheeled vehicles, the chassis and body of which are designed for a special purpose. These vehicles do not incorporate body or chassis of either general purpose vehicles or special equipment vehicles.

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NOTES

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TRUCK, AMPHIBIAN, ¼-TON, 4 x 4

Technical Manual: TM 10-1263 **Part List: SNL G-504**

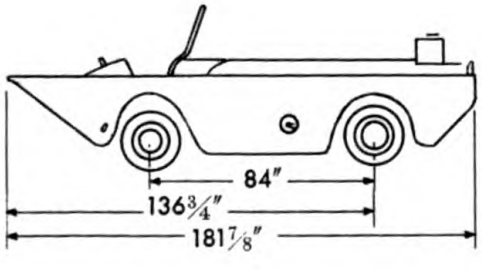
Manufacturer: Ford Motor Co.

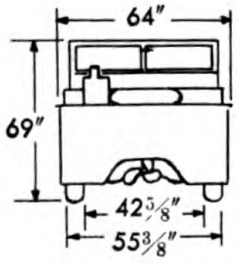


RA PD 308923

Classification: Standard

Purpose: To transport personnel on land and water.





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TRUCK, AMPHIBIAN, ¼-TON, 4 x 4

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew	5
Weight	Net (lb)		3,660
	Payload (lb)		800
	Gross (lb)		4,460
Shipping dimensions	(cu ft)	(sq ft)	81
Tires	Ply 6	Size	6.00 x 16
Tread, center to center (in.)			49
Ground clearance (in.)			8⅞
Life preservers	Seat cushion type		5
Loaded waterline length (in.)			165
Loaded freeboard:			
at coaming (in.)	Front 21	Rear	19
at deck (in.)	Front 17	Rear	9½
Loaded draft (in.) at front wheels 29¼		at rear wheels	33½
Electrical system (volts)			12
Capacities	Fuel, 70 octane gasoline (gal)		15
	Cooling system (qt)		13
	Crankcase (refill) (qt)		4
Pintle height (in.)			28¼
Brakes	Hydraulic		

PERFORMANCE

Maximum gradability (percent)				45
Turning radius (ft)	Land 18¼		Water	18
Angle of approach (deg)				37½
Angle of departure (deg)				37
Cruising range	Land (miles)			250
	Water, top speed 2nd gear (miles)			18¾
	Water, cruising speed 3rd gear (miles)			37
Maximum allowable speed (mph):	1st	2nd	3rd	
Land	24	41	60	
Water		5.5	4.5	

ENGINE

Manufacturer	Ford	Model	GPW
Type	In-line, 4 cycle	Number of cylinders	4
Displacement (cu in.)			134
Governed speed	Not governed		
Brake horsepower			60
Ignition type	Battery		

ADDITIONAL DATA

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TRUCK, AMPHIBIAN—2½-TON, 6 x 6

Technical Manuals: TM 9-802, TM 9-1802A, TM 9-1802B

Parts List: SNL G-501

Manufacturers: General Motors Truck and Coach Div. of Yellow Truck & Coach Mfg. Co.

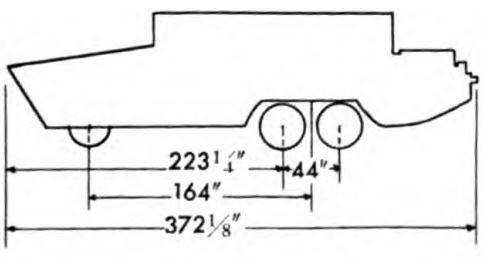
Armament: Provision for installation of M36 truck mount for antiaircraft machine gun.

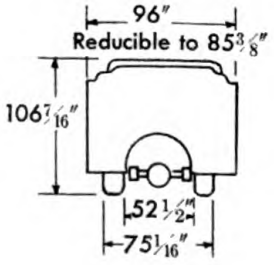


RA PD 308913

Classification: Standard

Purpose: To transport cargo and personnel on land and in water. This vehicle is popularly known as "The Duck."





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TRUCK, AMPHIBIAN, 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	14,500
	Payload	(lb)	5,000
	Gross	(lb)	19,850
Shipping dimensions	(cu ft)	(sq ft)	248
Tires	Ply 10	Size	11.00 x 18
Tread, center to center (in.)	Front 63 9/16	Rear	63 7/8
Ground clearance		(in.)	11 1/4
Life preservers	Jacket type		5
Life ring			1
Loaded waterline length		(in.)	344
Loaded freeboard: at coaming (in.)	Front 29	Rear	29
at deck (in.)	Front 24	Rear	16
Loaded draft (in.) at front wheels 42		at rear wheels	51
Cargo space (cu ft):			
to top of coaming 198		under tarp. bows	385
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	20
	Crankcase (refill)	(qt)	10
Pintle height		(in.)	48
Brakes	Hydraulic (Hydrovac)		

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Land—Left 36	Right	35
	Water—Left 17 1/2	Right	12 1/2
Angle of approach		(deg)	38
Angle of departure		(deg)	25
Cruising range	Land	(miles)	240
	Water	Top speed, 2nd gear (miles)	30
	Water	Cruising speed, 3rd gear (miles)	50

Maximum allowable speed (mph)	1st	2nd	3rd	4th	5th
Land	7	11	22	40	50
Water	—	6.4	5.4	—	—

ENGINE

Manufacturer	GMC		Model 270
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type			Battery

ADDITIONAL DATA

Winch capacity	(lb)	10,000

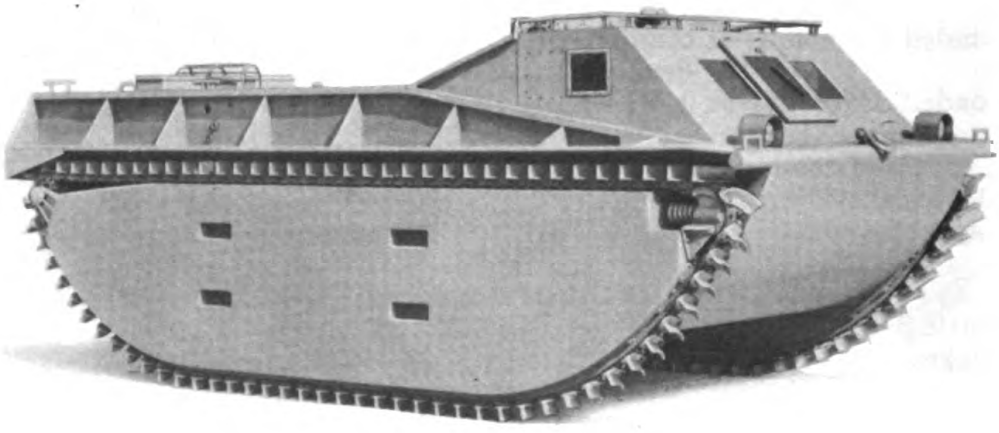
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LANDING VEHICLE, TRACKED, MK I—LVT (1)

Technical Manuals: TM 9-784, TM 9-1784.

Parts List: SNL G-156

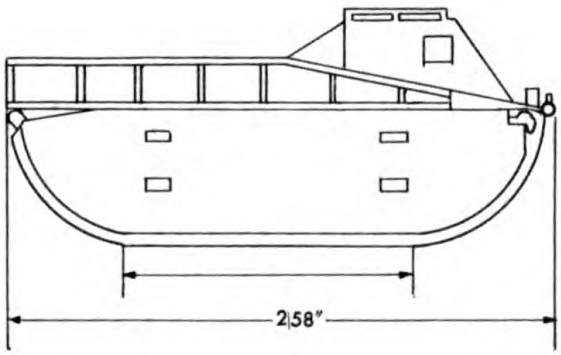
Manufacturers: See additional data.

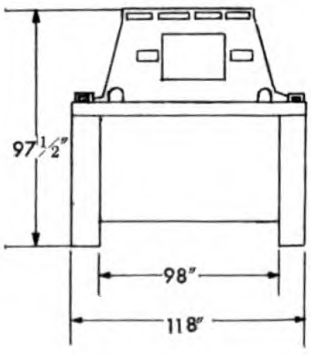


RA PD 45420

Classification:

Purpose: For use in rough terrain, swamp land, and self-propulsion in exposed waters. Also used for landing on beach through surf.





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LANDING VEHICLE, TRACKED, MK I—LVT (1)

GENERAL DATA

Crew, operating	3	Passenger capacity, including crew	24
Weight		Unloaded (lb)	27,500
		Payload, including crew and passengers (lb)	4,500
		Hoisting weight (lb)	32,000
Shipping dimensions	(cu ft)	(sq ft)	
Track width		(in.)	14¼
Ground clearance		(in.)	18¼
Ground pressure		(lb per sq in.)	10.25
Electrical system		(volts)	6
Capacities		Fuel, 70 octane gasoline (gal)	80
		Cooling system (qt)	44
		Crankcase (qt)	9
Brakes		Mechanical	

PERFORMANCE

Maximum gradability		(percent)	38
Turning radius (ft)	Right	Left	
Angle of approach		(deg)	46
Angle of departure		(deg)	58
Fuel consumption, average conditions (land)		(miles per gal)	3
Cruising range, average conditions (miles)	Land 225	Water 210	
Maximum allowable speed (mph)	Land 10–12	Water 5–6	
Number of speeds forward			3

ENGINE

Manufacturer	Hercules	Model WXLC3	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	404
Governed speed		(rpm)	2,900
Brake horsepower			146
Ignition type		Battery	

ADDITIONAL DATA

This vehicle was produced first by Donald Roebling, and later in mass production by Food Machinery Corporation, Borg-Warner Corporation, Graham-Paige, and St. Louis Car Company. This vehicle is now out of production.

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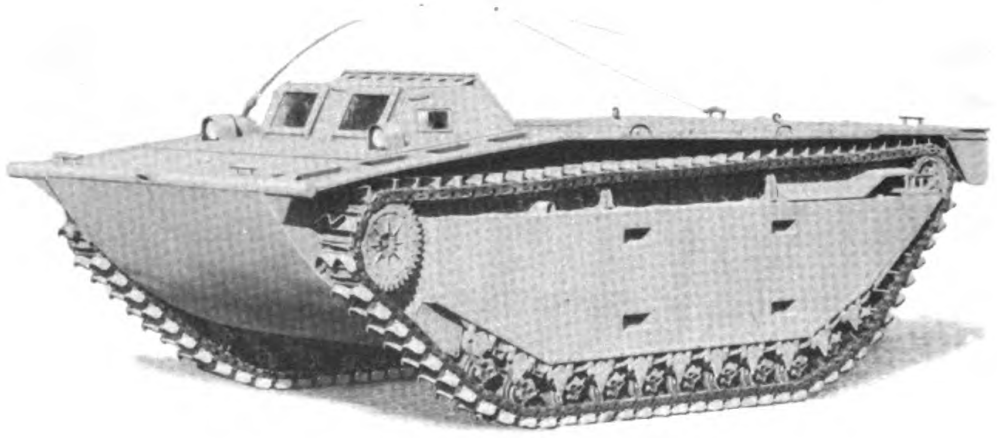
LANDING VEHICLE, TRACKED (UNARMORED), MK II—LVT (2)

Technical Manuals: Parts List: SNL G-167

Manufacturers: Borg-Warner Corp.; Food Machinery Corp.; Graham-Paige, and St. Louis Car Co.

Armament: One Gun, machine, cal. .50, HB M2; one to three Guns, machine, cal. .30, M1919A4 (flexible).

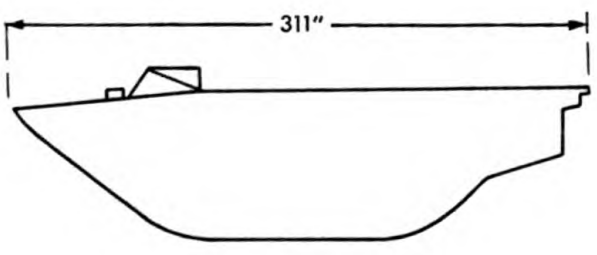
Ammunition: 2,000 rounds, cal. .30; 1,000 rounds, cal. .50.

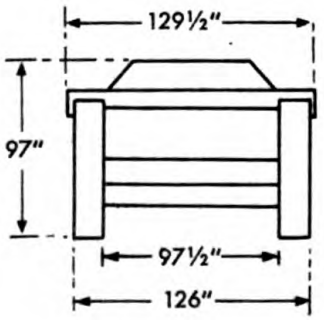


RA PD 309076

Classification:

Purpose: For use in rough terrain, swamp land, and self-propulsion in exposed waters. Also used for landing on beach through surf.





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SECTION I—AMPHIBIANS AND LANDING VEHICLES

LANDING VEHICLE, TRACKED (UNARMORED) MK II—LVT (2)

GENERAL DATA

Crew			3–6
Weight	Unloaded	(lb)	24,400
	Payload, cargo, exclusive of crew	(lb)	6,500
	Hoisting weight	(lb)	30,900
Shipping dimensions	(cu ft)	(sq ft)	
Tread, center to center		(in.)	
Track width		(in.)	14¼
Ground clearance		(in.)	18
Ground pressure, empty		(lb per sq in.)	9
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	106
	Cooling system	Air-cooled	
	Oil tank	(qt)	23
	Transmission and differential	(qt)	24
Brakes		Mechanical	
Communication		Radio	

PERFORMANCE

Maximum gradability, loaded	(percent)	63
Turning radius (ft)	Right	Left
Angle of approach	(deg)	35
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	
Cruising range, average conditions (miles)	Land	Water
Maximum allowable speed (mph)	Land 20	Water 7.5
Number of speeds forward	Land 5	Water

ENGINE

Manufacturer	Continental	Model W670-9A	
Type	Single row static radial, 4-cycle	Number of cylinders	7
Displacement		(cu in.)	667
Governed speed		(rpm)	2,400
Brake horsepower		(emergency use)	250
Ignition type		Battery	

ADDITIONAL DATA

This vehicle is an improved design of the Landing vehicle, tracked, Mark I and incorporates a light tank M3 power train.

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STANDARD MILITARY MOTOR VEHICLES

LANDING VEHICLE, TRACKED (ARMORED), ARMY TYPE, MK II—LVT (A) (2)

Technical Manuals: Parts List: SNL G-168

Manufacturer: Food Machinery Corp.

Armament: One Gun, machine, cal. .50, HB M2 (flexible); one to three Guns, machine, cal. .30, M1919A4 (flexible).

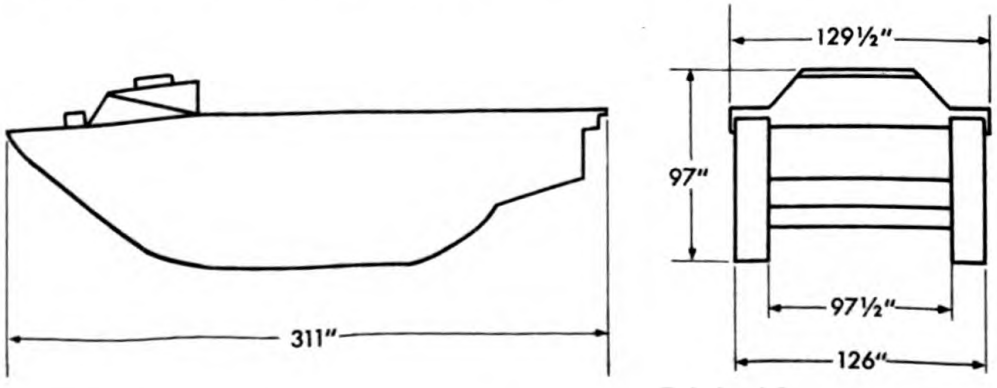
Ammunition: 1,000 rounds, cal. .50; 2,000 rounds, cal. .30.



RA PD 309075

Classification:

Purpose: For use in rough terrain, swamp land, and self-propulsion in exposed waters. Also used for landing on beach through surf.



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SECTION I—AMPHIBIANS AND LANDING VEHICLES

LANDING VEHICLE, TRACKED (ARMORED), ARMY TYPE, MK II—LVT (A) (2)

GENERAL DATA

Crew			4
Weight	Unloaded	(lb)	27,600
	Payload, cargo, exclusive of crew	(lb)	5,200
	Hoisting weight	(lb)	32,800
Shipping dimensions	(cu ft)	(sq ft)	
Track width		(in.)	14¼
Ground clearance		(in.)	18
Ground pressure, empty		(lb per sq in.)	10.2
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	104
	Cooling system	Air-cooled	
	Oil tank	(qt)	23
	Transmission and differential	(qt)	24
Brakes		Mechanical	
Communication		Radio	

PERFORMANCE

Maximum gradability, loaded		(percent)	60
Turning radius (ft)	Right	Left	
Angle of approach		(deg)	35
Angle of departure		(deg)	30
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions (miles): Land 200 Water 60			
Maximum allowable speed (mph) Land 20		Water 7.5	
Number of speeds forward	Land 5	Water	

ENGINE

Manufacturer	Continental	Model W670-9A	
Type	Single row static radial, 4 cycle	Number of cylinders	7
Displacement		(cu in.)	667
Governed speed		(rpm)	2,400
Brake horsepower		(emergency use)	250
Ignition type		Battery	

ADDITIONAL DATA

This vehicle is essentially the same as Landing vehicle, tracked, Mark II (unarmored) except for the addition of armor plate on certain parts of the vehicle.

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STANDARD MILITARY MOTOR VEHICLES

CAR, ARMORED, LIGHT, M8, (6 x 6)

Technical Manual: TM 9-743 Parts List: SNL G-136

Manufacturer: Ford Motor Co.

Armament: One Gun, 37-mm, M6; one Gun, machine, cal. .30, M1919A4 (flexible).

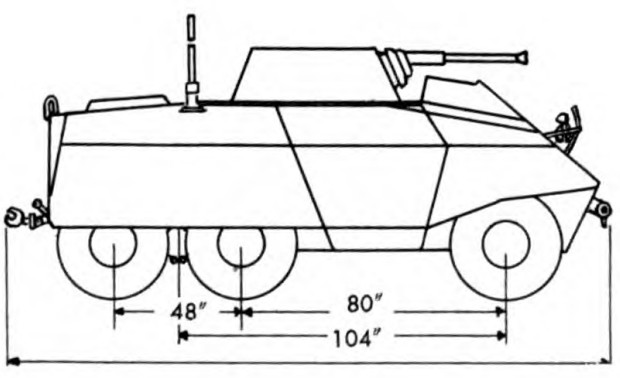
Ammunition: 80 rounds, 37-mm; 400 rounds, cal. .30 (carbine) M1; 1500 rounds, cal. .30 (machine gun); 16 hand grenades; 4 Pots, smoke, M1 or M2; 6 Mines, antitank, HE, M1, with fuze, M1.

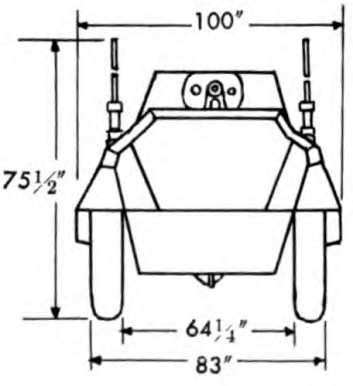


RA PD 308906

Classification: Standard

Purpose: To provide high speed mobility, defensive firepower, and crew protection for reconnaissance.





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SECTION II—ARMORED CARS

CAR, ARMORED, LIGHT, M8, (6 x 6)

GENERAL DATA

Crew			4
Weight	Gross	(lb)	16,500
Shipping dimensions	(cu ft) 695	(sq ft) 194	
Tires—Combat	Ply . . . 12	Size . . . 9.00 x 20	
Tread, center to center		(in.)	76
Ground clearance		(in.)	11½
Ground pressure—tires, at 4-inch penetration		(lbs per sq in.)	11.7
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	59
	Cooling system	(qt)	23
	Crankcase (refill)	(qt)	7
Brakes	Hydraulic (Hydrovac)		
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius				(ft)	27½
Fording depth				(in.)	32
Angle of approach				(deg)	60
Angle of departure				(deg)	60
Fuel consumption, average conditions				(miles per gal)	7½
Cruising range, average conditions				(miles)	400
Maximum allowable speed				(mph)	56

	1st	2nd	3rd	4th
Cruising speed . .	8	15	32	56

ENGINE

Manufacturer	Hercules	Model JXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	320
Governed speed	Not governed		
Brake horsepower			110
Ignition type	Battery		

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

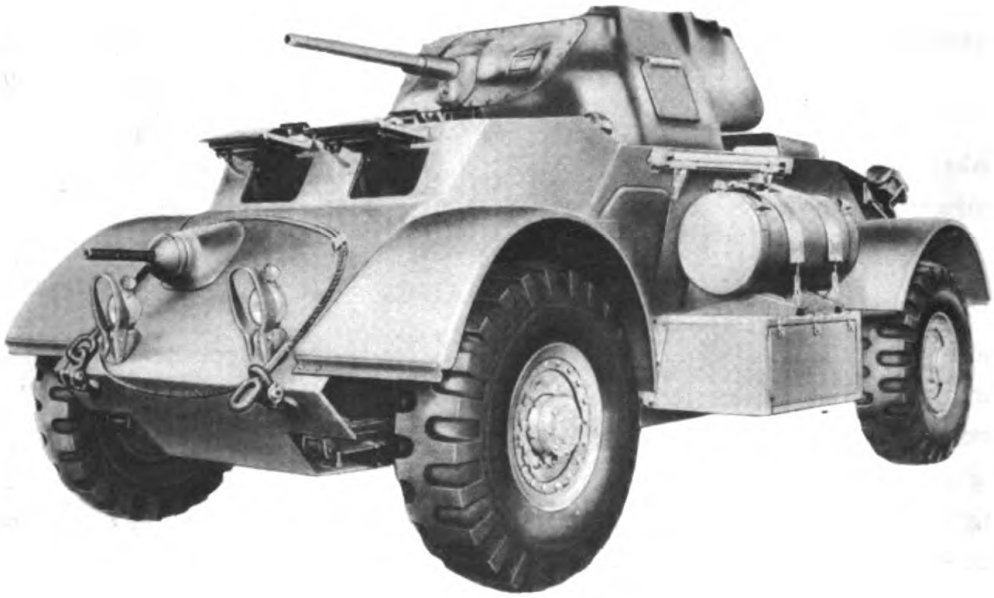
CAR, ARMORED, T17E1, (4 x 4)

Technical Manuals: TM 9-741, TM 9-1741A, TM 9-1741B, TM 9-1741C Parts List: SNL G-122

Manufacturer: Chevrolet Motor Division (General Motors Corp.)

Armament: One Gun, 37-mm, M6; two Guns, machine, cal. .30, M1919A4 (flexible); one Gun, machine, cal. .30, M1919A4 (fixed); one Gun, submachine, cal. .45, M1928A1; one British smoke mortar.

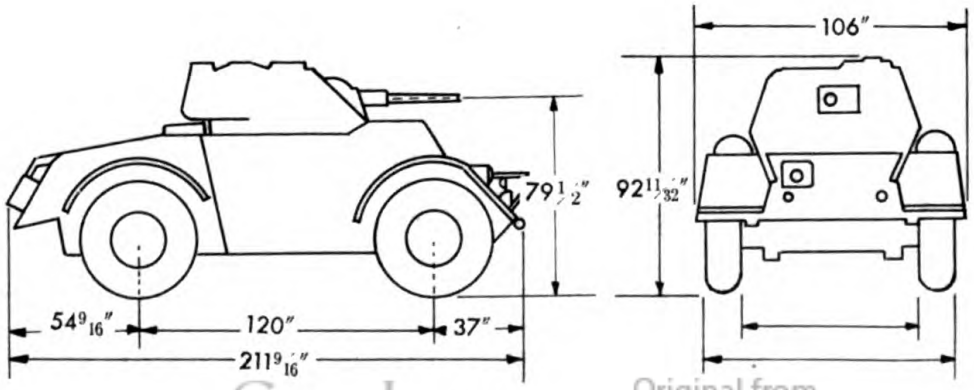
Ammunition: 103 rounds, 37-mm; 450 rounds, cal. .45; 5,250 rounds, cal. .30; 12 hand grenades; 14 smoke projectiles.



RA PD 45963

Classification: None (British only)

Purpose: Special—To provide high speed mobility, defensive firepower, and crew protection for reconnaissance.



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SECTION II—ARMORED CARS

CAR, ARMORED, T17E1, (4 x 4)

GENERAL DATA

Crew			5
Weight	Gross	(lb)	29,100
Shipping dimensions	(cu ft) 1,205	(sq ft) 156	
Tires—Combat	Ply . . .	Size . . . 14.00 x 20	
Tread, center to center		(in.)	89
Ground clearance		(in.)	13¼
Ground pressure—at 4-inch penetration		(lbs per sq in.)	17.95
Electrical system		(volts)	24
Capacities	Fuel, 70 octane gasoline	(gal)	137
	Cooling system, each engine	(qt)	25
	Crankcase (refill), each engine	(qt)	8
Brakes	Hydraulic (Twin Hydrovac)		
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability	(percent)	57
Turning radius	(ft)	27½
Fording depth	(in.)	32
Angle of approach	(deg)	57
Angle of departure	(deg)	40
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	450
Maximum allowable speed (mph)	low transfer case	24
	high transfer case	55

ENGINES (Two)

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed	Not governed		
Brake horsepower			104
Ignition type	Battery		

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

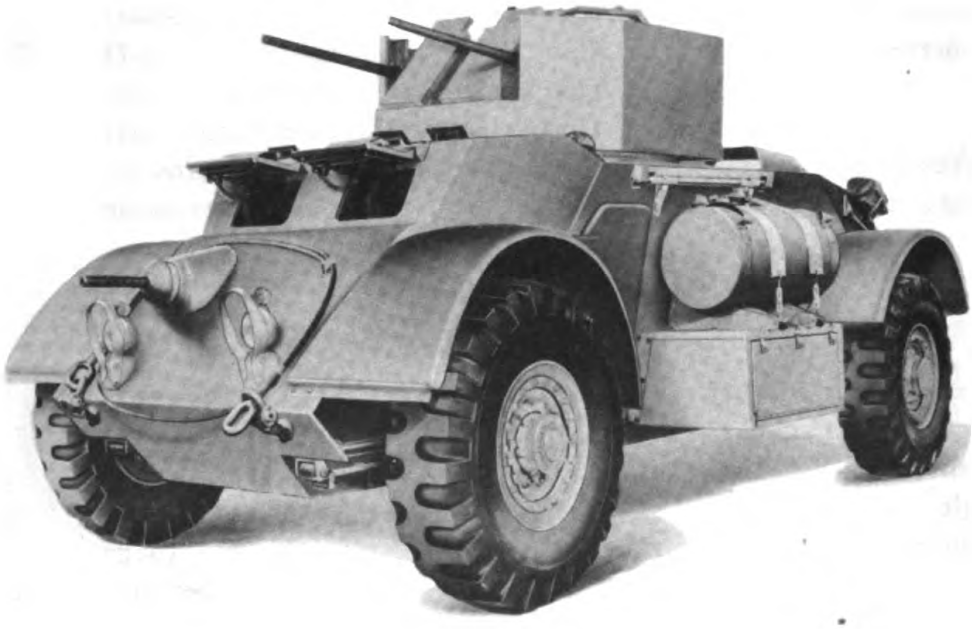
CAR, ARMORED, T17E2, (4 x 4)

Technical Manuals: TM 9-741, TM 9-1741A, TM 9-1741B, TM 9-1741C. Parts List: SNL G-122

Manufacturer: Chevrolet Motor Division (General Motors Corp.)

Armament: Two Guns, machine, cal. .50, HB, M2; one Gun, submachine, cal. .45, M1928A1.

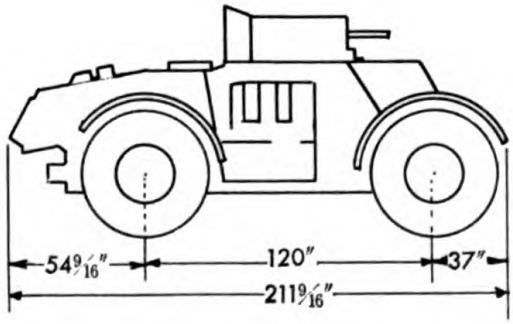
Ammunition: 2,610 rounds, cal. .50; 450 rounds, cal. .45; 12 hand grenades.

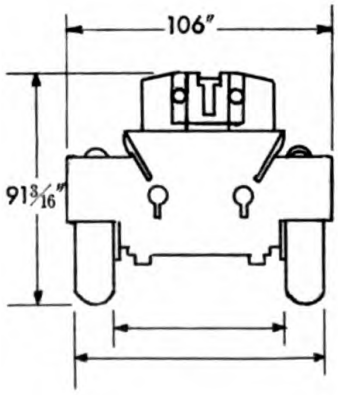


RA PD 308900

Classification: None (British only)

Purpose: To provide high speed mobility, defensive firepower, and crew protection for reconnaissance.





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CAR, ARMORED, T17E2, (4 x 4)

GENERAL DATA

Crew			3
Weight	Gross	(lb)	26,000
Shipping dimensions	(cu ft)	(sq ft) 156	
Tires—Combat	Ply . . .	Size . . . 14.00 x 20	
Tread, center to center		(in.)	89
Ground clearance		(in.)	13¼
Ground pressure—at 4-inch penetration		(lbs per sq in.)	15.4
Electrical system		(volts)	24
Capacities	Fuel, 70 octane gasoline	(gal)	137
	Cooling system, each	(qt)	25
	Crankcase (refill) each	(qt)	8
Brakes	Hydraulic (Twin Hydrovac)		
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability	(percent)	57
Turning radius	(ft)	27½
Fording depth	(in.)	32
Angle of approach	(deg)	57
Angle of departure	(deg)	40
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	450
Maximum allowable speed (mph)	low transfer case	24
	high transfer case	55

ENGINES (Two)

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(in.)	269.5
Governed speed	Not governed		
Brake horsepower			104
Ignition type	Battery		

ADDITIONAL DATA

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CAR, ARMORED, UTILITY, M20, (6 x 6)

Technical Manual: TM 9-743 Parts List: SNL G-176

Manufacturer: Ford Motor Co.

Armament: One Gun, machine, cal. .50, HB, M2; five Carbines, cal. .30; one Launcher, rocket, AT, M1.

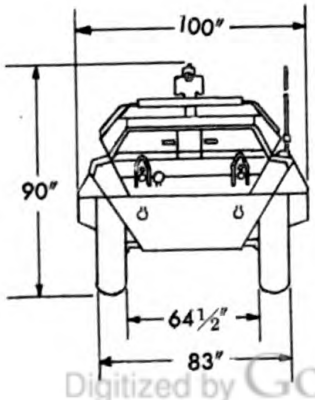
Ammunition: 1,000 rounds, cal. .50; 500 rounds, cal. .30; 12 hand grenades; 10 rockets, AT, M6.

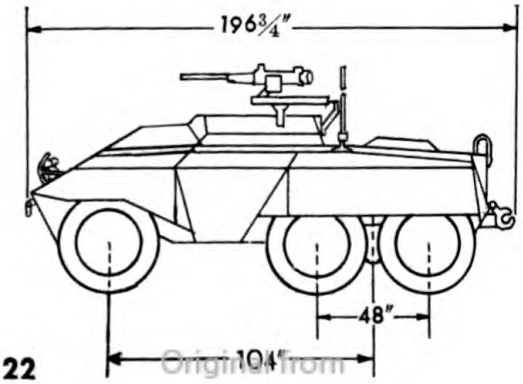


RA PD 308907

Classification: Standard

Purpose: To provide a highly mobile armored personnel and cargo carrier and field commanders car.





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CAR, ARMORED, UTILITY, M20, (6 x 6)

GENERAL DATA

Crew			6
Weight	Gross	(lb)	14,500
Shipping dimensions	(cu ft) 695	(sq ft) 194	
Tires—Combat	Ply . . . 12	Size . . . 9.00 x 20	
Tread, center to center		(in.)	76
Ground clearance		(in.)	11½
Ground pressure—at 3-inch penetration		(lbs per sq in.)	10.5
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	56
	Cooling system	(qt)	23
	Crankcase (refill)	(qt)	7
Brakes	Hydraulic (Hydrovac)		
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	28
Fording depth	(in.)	32
Angle of approach	(deg)	60
Angle of departure	(deg)	60
Fuel consumption, average conditions	(miles per gal)	7
Cruising range, average conditions	(miles)	400
Maximum allowable speed	(mph)	56

	1st	2nd	3rd	4th
Cruising speed	8	15	32	56

ENGINE

Manufacturer	Hercules	Model JXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	320
Governed speed	Not governed		
Brake horsepower			110

ADDITIONAL DATA

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CAR, SCOUT, M3A1, (4 x 4)

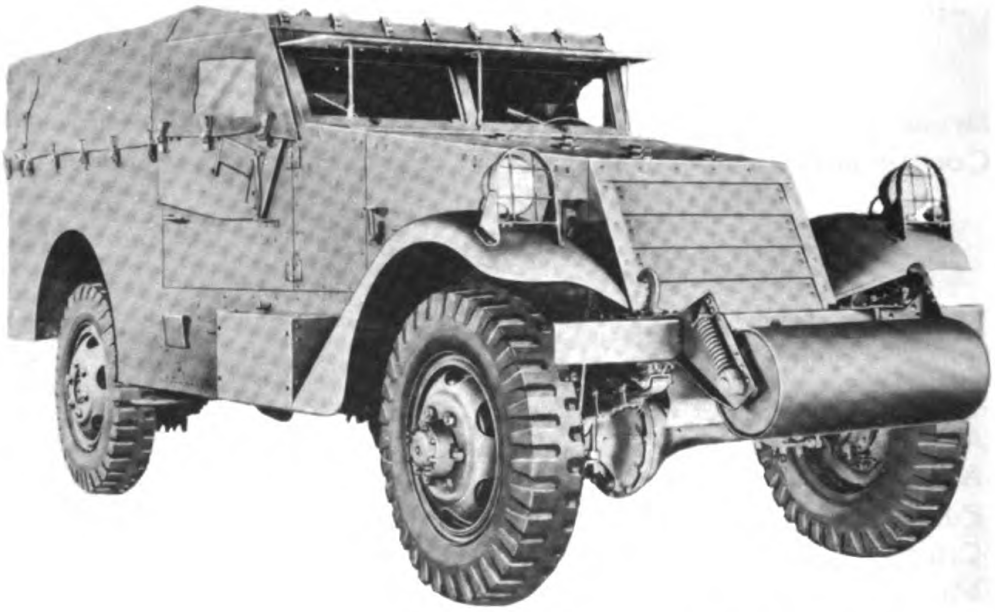
Technical Manuals: TM 9-705, TM 9-1705, TM 9-1706, TM 9-1709.

Parts List: SNL G-67

Manufacturer: White Motor Co.

Armament: One Gun, machine, cal. .30, M1919A4, flexible; one Gun, machine, cal. .50, HB, M2, flexible; one Gun, submachine, cal. .45, M1928A1.

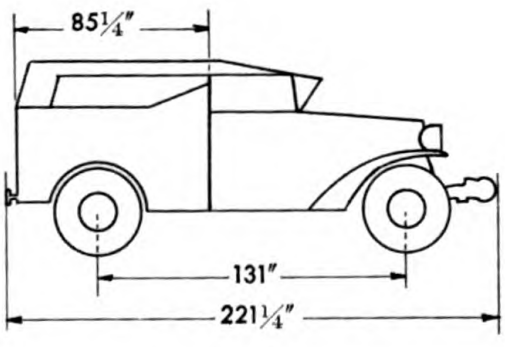
Ammunition: 8,000 rounds, cal. .30; 750 rounds, cal. .50; 540 rounds, cal. .45.

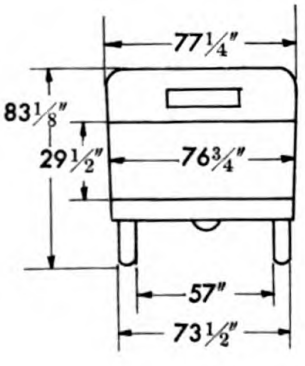


RA PD 66367

Classification: Standard

Purpose: To provide mobility and crew protection for reconnaissance in combat.





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SECTION III—SCOUT CARS

CAR, SCOUT, M3A1, (4 x 4)

GENERAL DATA

Crew, operating	2	Passenger capacity including crew	8
Weight		Net (lb)	8,900
		Payload (lb)	2,850
		Gross (lb)	11,750
		Boxed for export (lb)	12,951
Shipping dimensions	(cu ft) 723	(sq ft) 118	
Tires—Combat		Size	8.25 x 20
Tread, center to center (in.)	Front 63¼	Rear	65¼
Ground clearance		(in.)	15¾
Ground pressure		(lbs per sq in.)	60
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic (Hydrovac)	
Communication		Radio	

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius		(ft)	28½
Fording depth		(in.)	28
Angle of approach		(deg)	37
Angle of departure		(deg)	35
Fuel consumption, average conditions		(miles per gal)	8½
Cruising range, average conditions		(miles)	250
Maximum allowable speed		(mph)	55½

	1st	2nd	3rd	4th
Cruising speed	11.1	17.6	32.3	55.5

ENGINE

Manufacturer	Hercules	Model	JXD
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	320
Governed speed		Not governed	
Brake horsepower			110
Ignition type		Battery	

ADDITIONAL DATA

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CAR, HALF-TRACK, M2

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711.

Parts List: SNL G-102

Manufacturers: The Autocar Co.; White Motor Co.

Armament: One Gun, machine, cal. .50, HB, M2; one Gun, machine, cal. .30, M1919A4; one Gun, submachine, cal. .45, M1928A1.

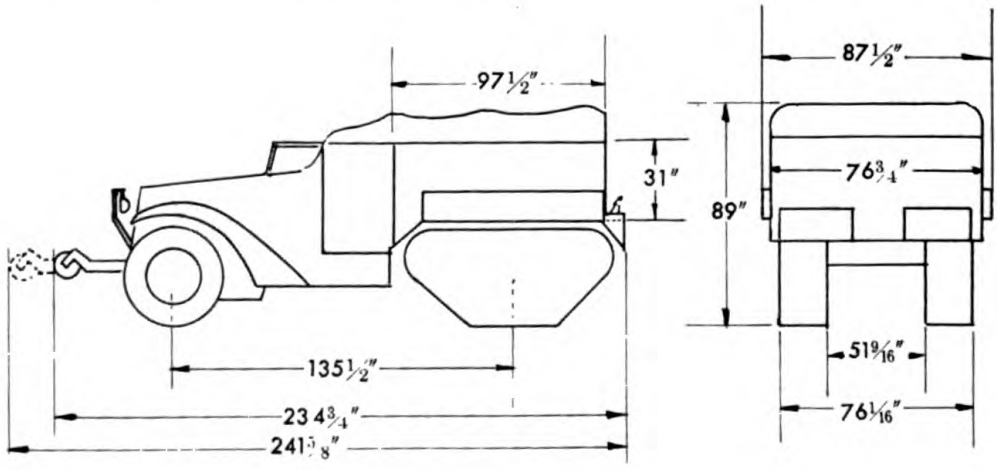
Ammunition: 700 rounds, cal. .50; 7,750 rounds, cal. .30; 14 Mines, AT HE, M1, w/fuze; 10 hand grenades.



RA PD 309054

Classification: Standard

Purpose: To transport cargo and personnel in combat zone.



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SECTION IV—CARGO AND PERSONNEL CARRIERS

CAR, HALF-TRACK, M2

GENERAL DATA

Crew			10
Weight	Payload—w/winch	(lb)	3140
	Payload—w/o winch	(lb)	3640
	Gross	(lb)	17,800
Shipping dimensions	w/winch (cu ft) 896	(sq ft) 147	
	w/o winch (cu ft) 868	(sq ft) 147	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center	Front	(in.)	64½
Track width		(in.)	12¼
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	29.4
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Right 30	Left 29½	
Fording depth		(in.)	32
Maximum vertical obstacle vehicle will climb		(in.)	12
Angle of approach (deg)	With winch 33	Without winch 37	
Angle of departure		(deg)	45
Fuel consumption, average conditions		(miles per gal)	2½
Cruising range, average conditions		(miles)	120
Maximum allowable speed		(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed	Not governed		
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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STANDARD MILITARY MOTOR VEHICLES

CAR, HALF-TRACK, M2A1

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturers: The Autocar Co.; White Motor Co.

Armament: One Gun, machine, cal. .50, HB M2, (flexible); one Gun, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

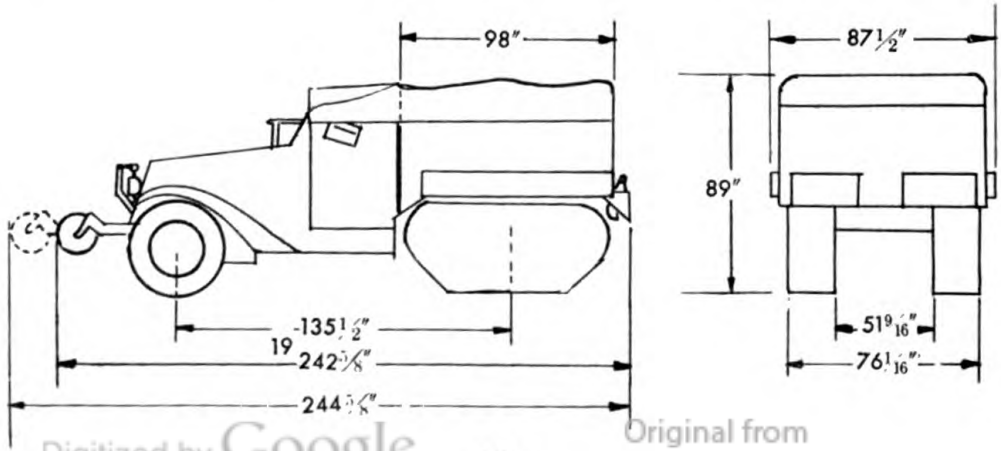
Ammunition: 700 rounds, cal. .50; 7,750 rounds, cal. .30; 540 rounds, cal. .45; 14 mines, AT HE, w/fuze; 10 hand grenades.



RA PD 308917

Classification: Standard

Purpose: To transport cargo and personnel in combat zone.



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SECTION IV—CARGO AND PERSONNEL CARRIERS

CAR, HALF-TRACK, M2A1

GENERAL DATA

Crew			10
Weight	Payload—w/winch	(lb)	3,100
	Payload—w/o winch	(lb)	3,600
	Gross	(lb)	18,080
Shipping dimensions	w/winch (cu ft) 896	(sq ft) 147	
	w/o winch (cu ft) 868	(sq ft) 147	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center	Front	(in.)	64½
Track width		(in.)	12¼
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	29.4
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius (ft)	Right 30		Left 29½		
Fording depth				(in.)	32
Maximum vertical obstacle vehicle will climb				(in.)	12
Angle of approach (deg)	With winch 33		Without winch 37		
Angle of departure				(deg)	45
Fuel consumption, average conditions				(miles per gal)	3.6
Cruising range, average conditions				(miles)	220
Maximum allowable speed				(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed	Not governed		
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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STANDARD MILITARY MOTOR VEHICLES

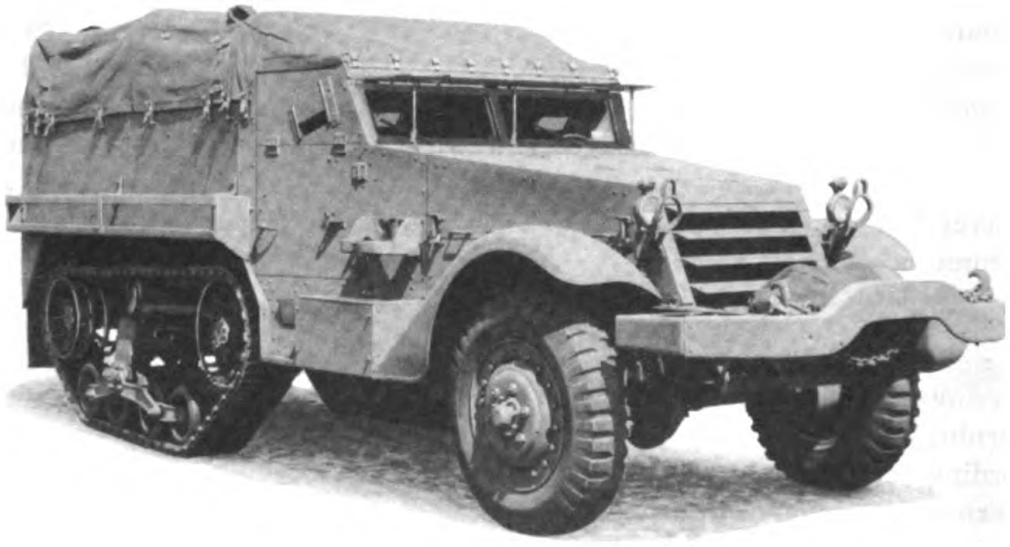
CARRIER, PERSONNEL, HALF-TRACK, M3

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturers: The Autocar Co.; Diamond T Motor Car Co.; White Motor Co.

Armament: One Gun, machine, cal. .30, M1919A4; one Gun, submachine, cal. 45, M1928A1; provision for 12 rifles, U. S., cal. .30, M1, M1903, or M1903A1.

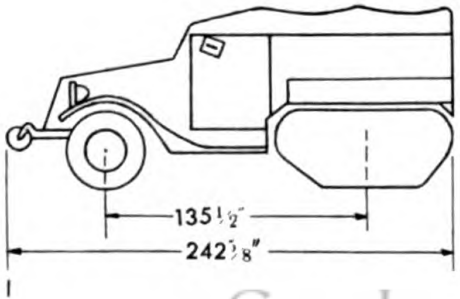
Ammunition: 4,000 rounds, cal. .30; 540 rounds, cal. .45; 24 Mines, AT, w/fuze, M1; 22 hand grenades.

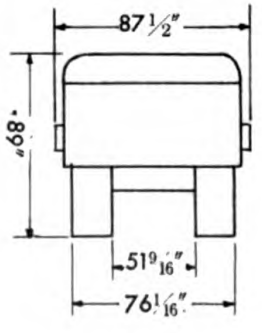


RA PD 309053

Classification: Standard

Purpose: To transport cargo and personnel in combat zone.





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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, PERSONNEL, HALF-TRACK, M3

GENERAL DATA

Crew			13
Weight	Payload—w/winch	(lb)	3,000
	Payload—w/o winch	(lb)	3,500
	Gross	(lb)	17,650
Shipping dimensions	w/winch (cu ft) 924	(sq ft) 148	
	w/o winch (cu ft) 903	(sq ft) 148	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center	Front	(in.)	64½
Track width		(in.)	12¼
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	29.4
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Right 30	Left 29½	
Fording depth		(in.)	32
Maximum vertical obstacle vehicle will climb		(in.)	12
Angle of approach (deg)	With winch 33	Without winch 37	
Angle of departure		(deg)	45
Fuel consumption, average conditions		(miles per gal)	3.6
Cruising range, average conditions		(miles)	220
Maximum allowable speed		(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed	Not governed		
Brake horsepower			148

ADDITIONAL DATA

Winch capacity		(lb)	10,000

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STANDARD MILITARY MOTOR VEHICLES

CARRIER, PERSONNEL, HALF-TRACK, M3A1

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturers: The Autocar Co.; Diamond T Motor Co.; White Motor Co.

Armament: One Gun, machine, cal. .50, HB, M2 (flexible); one Gun, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1; provision for 12 rifles, cal. .30, M1, M1903, or M1903A1.

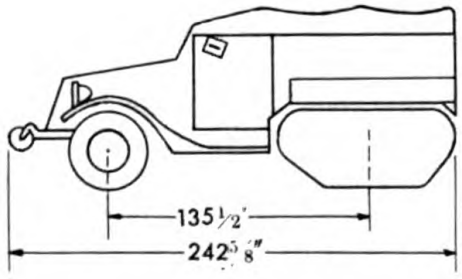
Ammunition: 700 rounds, cal. .50; 7,750 rounds, cal. .30; 540 rounds, cal. .45; 24 Mines, AT, w/fuze, M1; 22 hand grenades.

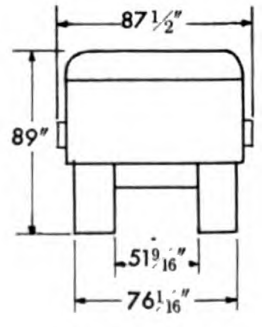


RA PD 308918

Classification: Standard

Purpose: To transport cargo and personnel in combat zone.





RA PD 309224

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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, PERSONNEL, HALF-TRACK, M3A1

GENERAL DATA

Crew			13
Weight	Payload—w winch	(lb)	3,000
	Payload—w o winch	(lb)	3,500
	Gross	(lb)	18,425
Shipping dimensions	w winch (cu ft) 980	(sq ft) 128	
	w o winch (cu ft) 959	(sq ft) 128	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center	Front	(in.)	64½
Track width		(in.)	12¼
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	29.4
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes		Hydraulic (Hydrovac)	
Communication		Radio	

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Right 30	Left 29½	
Fording depth		(in.)	32
Maximum vertical obstacle vehicle will climb		(in.)	12
Angle of approach (deg)	With winch 33	Without winch 37	
Angle of departure		(deg)	45
Fuel consumption, average conditions		(miles per gal)	3.6
Cruising range, average conditions		(miles)	220
Maximum allowable speed		(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed		Not governed	
Brake horsepower			148
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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STANDARD MILITARY MOTOR VEHICLES

CARRIER, PERSONNEL, HALF-TRACK, M5

Technical Manuals: TM 9-707, TM 9-1707A, TM 9-1707B.

Parts List: SNL G-147

Manufacturer: International Harvester Co.

Armament: One Gun, machine, cal. .30; one Gun, submachine, cal. .45, M1928A1; provision for 12 rifles, cal. .30, M1 or M1903.

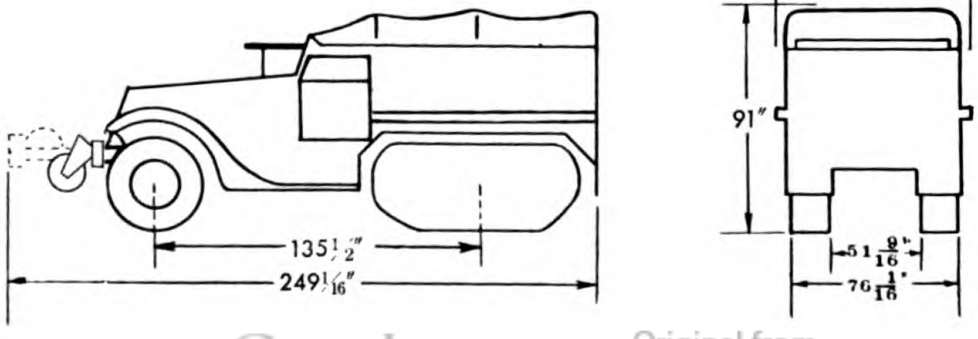
Ammunition: 4,000 rounds, cal. .30; 540 rounds, cal. .45; 22 hand grenades; 24 Mines, AT w/fuze, M1.



RA PD 66329

Classification: Standard

Purpose: To transport cargo and personnel in combat zone.



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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, PERSONNEL, HALF-TRACK, M5

GENERAL DATA

Crew			13
Weight	Payload w winch	(lb)	3,000
	Payload w o winch	(lb)	3,500
	Gross	(lb)	18,900
Shipping dimensions	w winch (cu ft) 927	(sq ft)	146
	w o winch (cu ft) 901	(sq ft)	146
Tires—Combat	Ply . . . 12	Size . . . 9.00 x 20	
Tread, center to center	Front	(in.)	66 1/2
Track width		(in.)	12 1/4
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	31
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius (ft)	Right 28	Left 30
Fording depth	(in.)	32
Maximum vertical obstacle vehicle will climb	(in.)	11
Angle of approach (deg)	With winch 36	Without winch 40
Angle of departure	(deg)	32
Fuel consumption, average conditions	(miles per gal)	3.6
Cruising range, average conditions	(miles)	220
Maximum allowable speed	(mph)	42
Number of speeds forward		4

ENGINE

Manufacturer	IHC	Model Red-450B	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	451
Governed speed		(rpm)	2,600
Brake horsepower			141
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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CARRIER, PERSONNEL, HALF-TRACK, M5A1

Technical Manuals: TM 9-707, TM 9-1707A. Parts List: SNL G-147

Manufacturer: International Harvester Co.

Armament: One Gun, machine, cal. .30, M1919A4 (flexible); one Gun, machine, cal. .50, HB, M2 (flexible); one Gun, submachine, cal. .45, M1928A1; twelve Rifles, cal. .30, M1, M1903, or M1903A1.

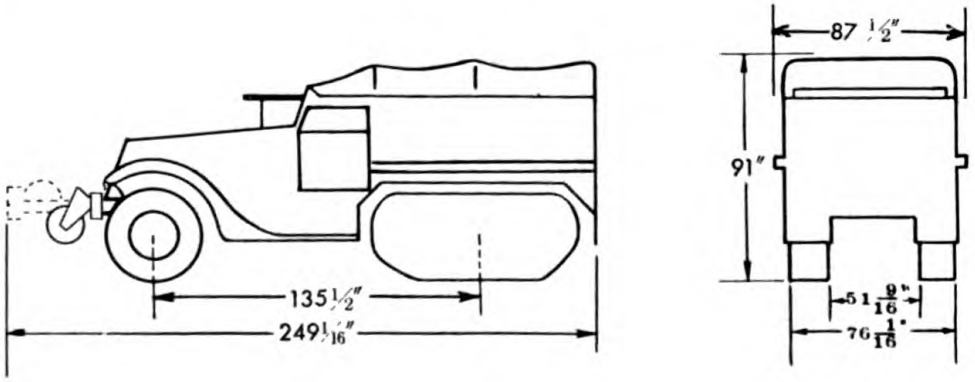
Ammunition: 7,750 rounds, cal. .30; 700 rounds, cal. .50; 540 rounds, cal. .45; 22 hand grenades.



RA PD 308922

Classification: Standard

Purpose: Used to transport cargo and personnel in combat zone.



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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, PERSONNEL, HALF-TRACK, M5A1

GENERAL DATA

Crew			13
Weight	Payload, w winch	(lb)	3,000
	Payload, w o winch	(lb)	3,500
	Gross	(lb)	19,675
Shipping dimensions	w winch (cu ft) 927	(sq ft)	146
	w o winch (cu ft) 901	(sq ft)	146
Tires—Combat	Ply . . . 12	Size . . . 9.00 x 20	
Tread, center to center	Front	(in.)	66½
Track width		(in.)	12¼
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	31
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Right 28	Left 30	
Fording depth		(in.)	32
Maximum vertical obstacle vehicle will climb		(in.)	11
Angle of approach (deg)	w winch 36	w o winch 40	
Angle of departure		(deg)	32
Fuel consumption, average conditions		(miles per gal)	4.15
Cruising range, average conditions		(miles)	225
Maximum allowable speed		(mph)	42
Number of speeds forward			4

ENGINE

Manufacturer	IHC	Model Red-450B	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	451
Governed speed		(rpm)	2,600
Brake horsepower			141
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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STANDARD MILITARY MOTOR VEHICLES

CAR, HALF-TRACK, M9A1

Technical Manuals: TM 9-707, TM 9-1707A. Parts List: SNL G-147

Manufacturer: International Harvester Co.

Armament: One Gun, machine, cal. .50, M2; one Gun, machine, cal. .30, 1919A4; one Gun, submachine, cal. .45.

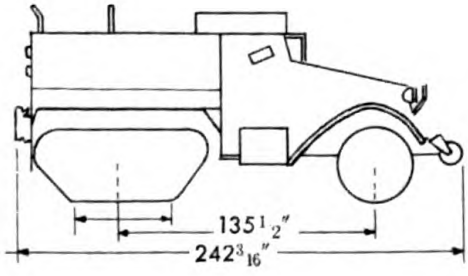
Ammunition: 7,750 rounds, cal. .30; 700 rounds, cal. .50; 540 rounds, cal. .45; 10 hand grenades; 14 Mines AT, HE, M1 w/fuze.

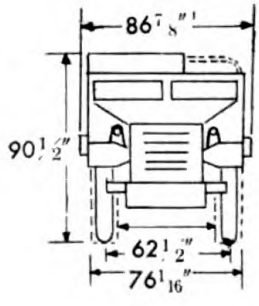


RA PD 308922

Classification: Substitute standard

Purpose: Used to transport cargo and personnel in combat zone.





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SECTION IV—CARGO AND PERSONNEL CARRIERS

CAR, HALF-TRACK, M9A1

GENERAL DATA

Crew			10
Weight	Payload, w winch	(lb)	3,000
	Payload, w o winch	(lb)	3,500
	Gross	(lb)	19,050
Shipping dimensions	w winch (cu ft)	(sq ft)	
	w o winch (cu ft)	(sq ft)	
Tires—Combat	Ply . . . 12	Size . . . 9.00 x 20	
Tread, center to center	Front	(in.)	66 1/2
Track width		(in.)	12 1/4
Ground clearance		(in.)	11 3/16
Ground pressure, tires		(lbs per sq in.)	
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	31
	Crankcase (refill)	(qt)	10 1/2
Brakes		Hydraulic (Hydrovac)	
Communication		Radio	

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Right 28	Left 30	
Fording depth		(in.)	32
Maximum vertical obstacle vehicle will climb		(in.)	12
Angle of approach (deg)	With winch 36	Without winch 40	
Angle of departure		(deg)	32
Fuel consumption, average conditions		(miles per gal)	3.6
Cruising range, average conditions		(miles)	220
Maximum allowable speed		(mph)	42
Number of speeds forward			4

ENGINE

Manufacturer	IHC	Model Red-450B	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	451
Governed speed		(rpm)	2,600
Brake horsepower			141
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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STANDARD MILITARY MOTOR VEHICLES

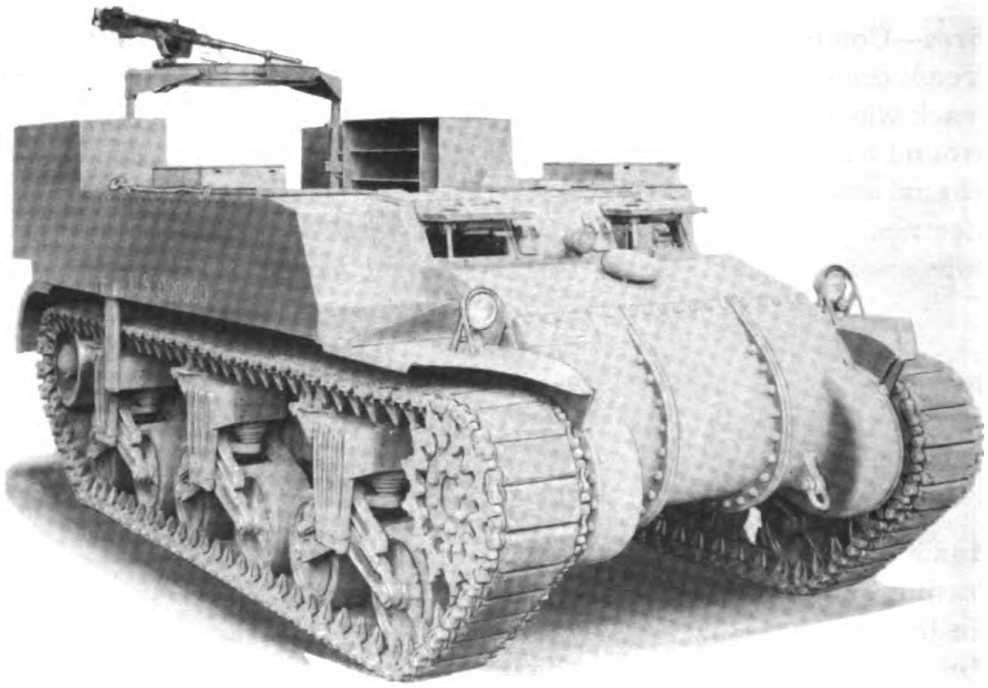
CARRIER, CARGO, T14

Technical Manual: TM 9-751. Parts List: SNL G-158

Manufacturer: Pressed Steel Car Co.

Armament: One Gun, machine, cal. .50, HB, M2 (flexible); one Launcher, grenade (carbine); five Carbines, cal. .30, M1.

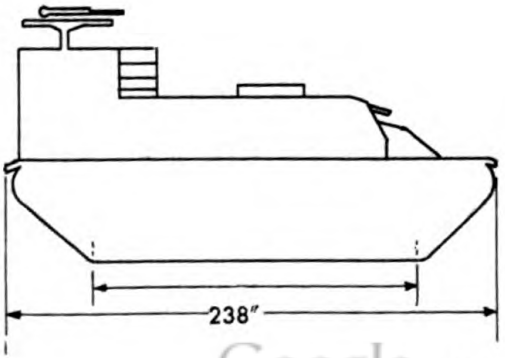
Ammunition: 1,000 rounds, cal. .50; 12 Grenades, hand; 10 Grenades, rifle, M9A1.

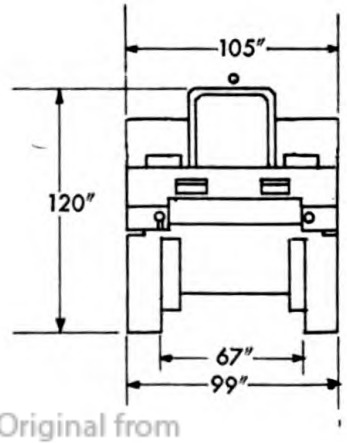


RA PD 308914

Classification:

Purpose: Used in conjunction with 155-mm gun motor carriage, M12. Carries ammunition for 155-mm gun.





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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, CARGO, T14

GENERAL DATA

Crew			6
Weight	Gross	(lb)	47,000
Shipping dimensions	(cu ft)	(sq ft)	
Tread, center to center		(in.)	83
Track width		(in.)	16
Ground clearance		(in.)	22
Ground pressure		(lbs per sq in.)	10
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	200
	Cooling system	Air cooled	
	Oil tank	(qt)	36
	Transmission and differential	(qt)	128
Brakes			Mechanical
Communication	Radio		Interphone

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	36
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	.75
Cruising range, average conditions					(miles)	140
Maximum allowable speed					(mph)	24
	1st	2nd	3rd	4th	5th	
Cruising speed	2	5	9	14	21	

ENGINE

Manufacturer	Continental	Model R975-C1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,400
Brake horsepower			400
Ignition type			Magneto

ADDITIONAL DATA

Carries the following ammunition for 155-mm gun motor carriage M12: 40 rounds, Charge, propelling, NH powder, 155-mm gun, M1917, M1917A1; 50 rounds, Fuze, PD, M51 w/booster M21; 10 shells, HE, 155-mm gun, MK 111A1 or M101; 50 Primers, percussion, 21 grain, MK 11A1.

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STANDARD MILITARY MOTOR VEHICLES

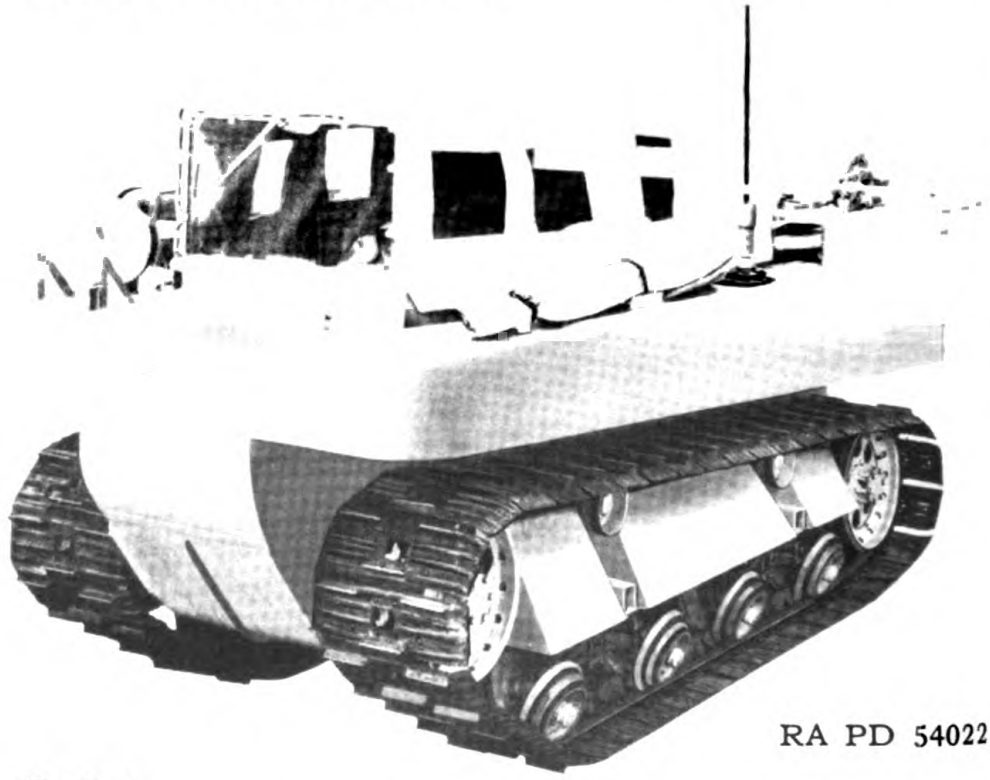
CARRIER, LIGHT CARGO, T15

Technical Manuals: TM 9-893, TM 9-1893A, TM 9-1893B. Parts List: SNL G-154

Manufacturer: The Studebaker Corp.

Armament: One Rifle, automatic, cal. .30, Browning, M1918; one Gun, submachine, cal. .45, M1928A1; two Carbines, cal. .30, M1; one Launcher, rocket, AT, M1 (not used if equipped with Browning automatic rifle).

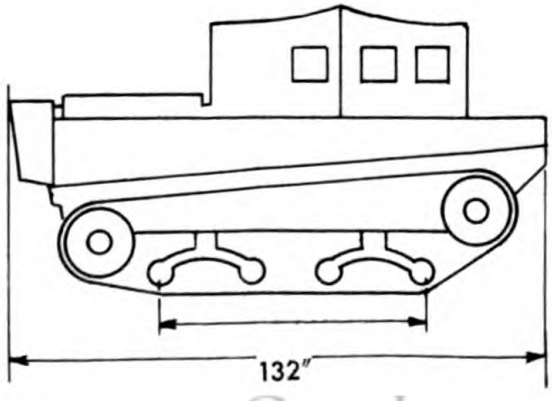
Ammunition: 375 rounds, cal. .45; 300 rounds, cal. .30 (for carbines); 300 rounds, cal. .30 (automatic rifle).

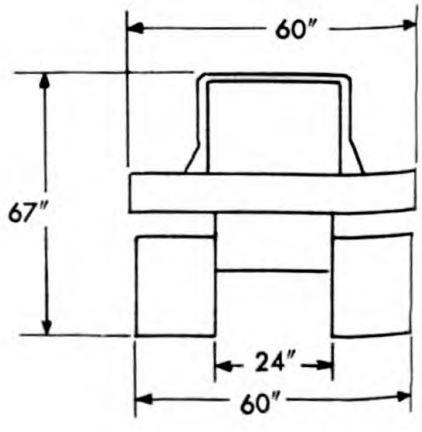


RA PD 54022

Classification:

Purpose: To transport personnel and materiel over snow, and for limited operation on the ground.





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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, LIGHT CARGO, T15

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,390
	Payload	(lb)	1,260
	Gross	(lb)	4,650
Shipping dimensions	(cu ft)	(sq ft)	55
Track width		(in.)	18
Ground clearance		(in.)	12
Ground pressure		(lbs per sq in.)	2
Electrical system		(volts)	12
Capacities	Fuel, 75 octane gasoline	(gal)	25
	Cooling system	(qt)	10½
	Crankcase (refill)	(qt)	5
Brakes			Mechanical
Communication			Radio

PERFORMANCE

Maximum gradability		(percent)	100
Turning radius		(ft)	13½
Fording depth	(Floats at 44 inches)	(in.)	41
Maximum vertical obstacle vehicle will climb		(in.)	19
Angle of approach		(deg)	32
Angle of departure		(deg)	11
Fuel consumption, average conditions		(miles per gal)	5
Cruising range, average conditions		(miles)	125
Maximum allowable speed		(mph)	23.5

	1st	2nd	3rd	4th	5th
Cruising speed	6.6	11.8	17.6	13.1	23.5

ENGINE

Manufacturer	Studebaker		Model 6-170
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	169.6
Governed speed			Not governed
Brake horsepower			75
Ignition type			Battery

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

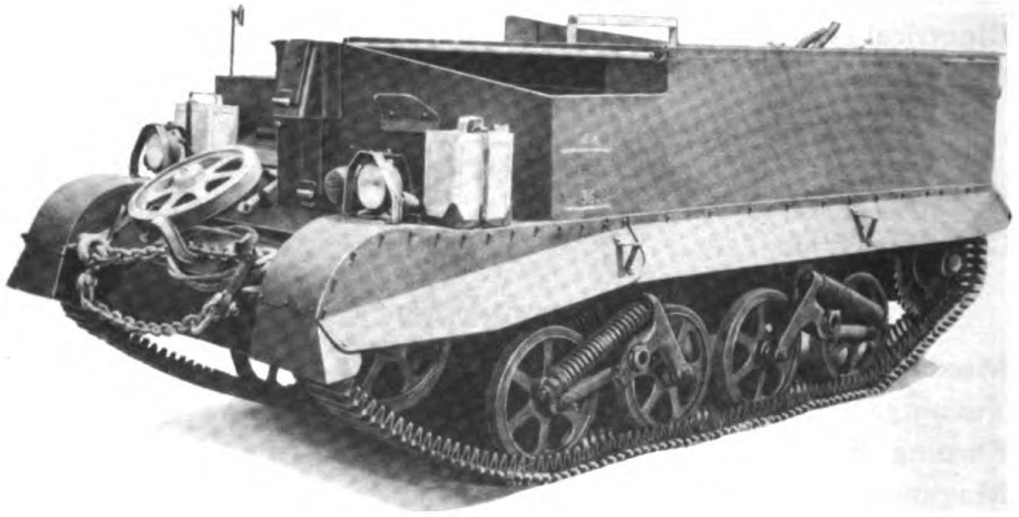
CARRIER, UNIVERSAL, T16

Technical Manual: TM 9-746. Parts List: SNL G-166

Manufacturer: Ford Motor Co.

Armament: Supplied by British.

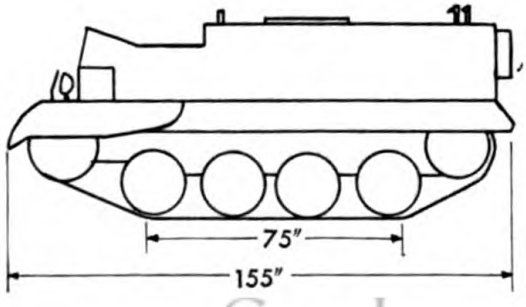
Ammunition: Supplied by British.

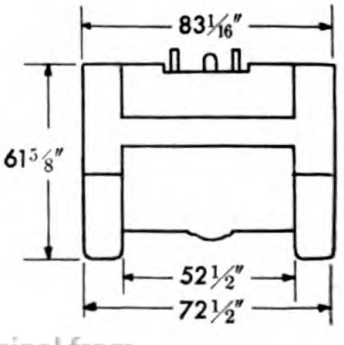


RA PD 308901

Classification: None (British only—Universal Bren Carrier)

Purpose: For light reconnaissance and cargo and personnel carrying.





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SECTION IV—CARGO AND PERSONNEL CARRIERS

CARRIER, UNIVERSAL, T16

GENERAL DATA

Crew			4
Weight	Net	(lb)	7,700
	Payload	(lb)	1,800
	Gross	(lb)	9,500
Shipping dimensions	(cu ft)	(sq ft)	
Track width		(in.)	10
Ground clearance		(in.)	10½
Ground pressure		(lbs per sq in.)	6.4
Electrical system		(volts)	12
Capacities	Fuel, 72 octane gasoline	(gal)	23.8
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	6
Brakes			Mechanical
Communication			Supplied by British

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	16
Fording depth	(in.)	44
Maximum width of ditch vehicle will cross	(in.)	36
Maximum vertical obstacle vehicle will climb	(in.)	18
Fuel consumption, average conditions	(miles per gal)	4
Cruising range, average conditions	(miles)	95
Maximum allowable speed	(mph)	30

	1st	2nd	3rd	4th
Cruising range	4.7	9.8	17.8	30

ENGINE

Manufacturer	Ford	Model GAU370	
Type	V-8, 4 cycle	Number of cylinders	8
Displacement		(cu in.)	239
Governed speed		(rpm)	3,600
Brake horsepower			100
Ignition type			Battery

ADDITIONAL DATA

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CARRIAGE, MOTOR, MULTIPLE GUN, M14

Technical Manual: TM 9-707, TM 9-1707A. Parts List: SNL G-147

Manufacturer: International Harvester Co.

Armament: Two Guns, machine, cal. .50, HB, M2, turret type; one Gun, submachine, cal. .45, M1928A1; one Rifle, cal. .30, M1903, with Launcher, grenade; three Carbines, cal. .30, M1.

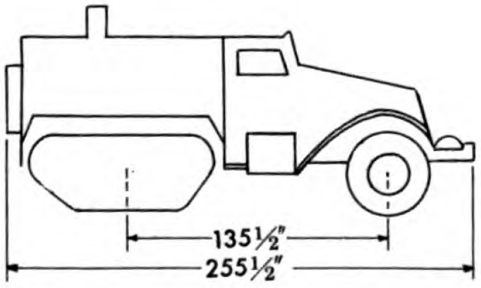
Ammunition: 5,000 rounds, cal. .50; 480 rounds, cal. .45; 36 grenades.

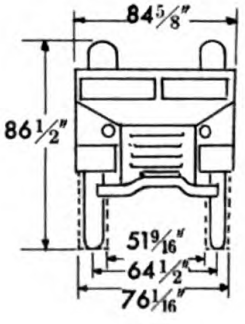


RA PD 66387

Classification: Substitute standard

Purpose: To provide mobility for antiaircraft guns.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, MULTIPLE GUN, M14

GENERAL DATA

Crew			5
Weight	Net	(lb)	16,800
	Payload	(lb)	3,000
	Gross	(lb)	19,800
Shipping dimensions	(cu ft) 1,069	(sq ft) 145	
Tires—Combat	Ply . . . 10	Size . . . 9.00 x 20	
Tread, center to center (in.)	Front—64 1/2	Rear—63 13/16	
Track width		(in.)	12 1/4
Ground clearance		(in.)	18 1/4
Ground pressure, tires		(lbs per sq in.)	33.5
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	31
	Crankcase (refill)	(qt)	8
Brakes		Hydraulic (Hydrovac)	
Communication		Radio	

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius (ft)	Right 28			Left 30	
Maximum vertical obstacle vehicle will climb				(in.)	12
Fording depth				(in.)	32
Angle of approach				(deg)	36
Angle of departure				(deg)	32
Fuel consumption, average conditions				(miles per gal)	3.3
Cruising range, average conditions				(miles)	200
Maximum allowable speed				(mph)	42
	1st	2nd	3rd	4th	
Cruising speed	8.5	16	24	42	

ENGINE

Manufacturer	IHC	Model Red-450-B	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	451
Governed speed		(rpm)	2,600
Brake horsepower			141
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity		(lb)	10,000
Basic chassis	Carrier, personnel, half-track, M5		

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, MULTIPLE GUN, M15

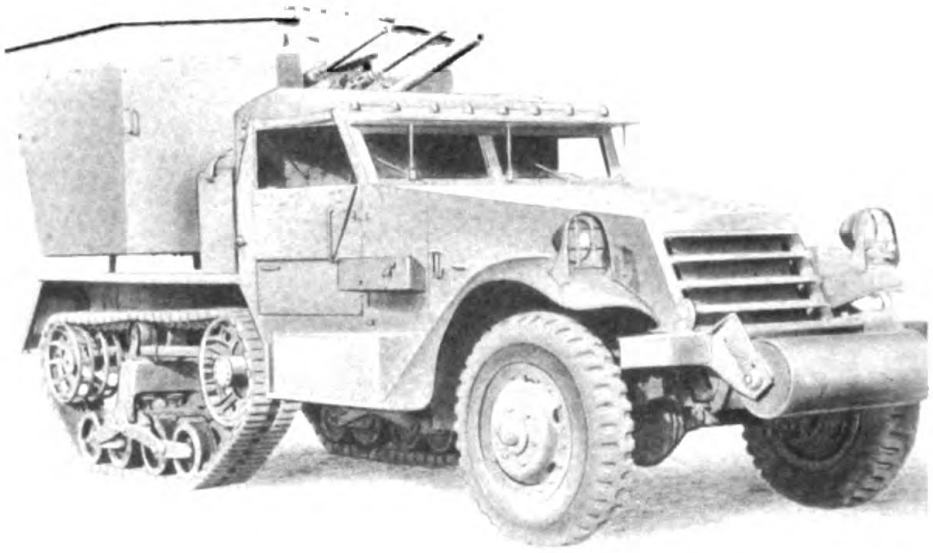
Technical Manuals: TM 9-708, TM 9-1710, TM 9-1710C, TM 9-1711.

Parts List: SNL G-102

Manufacturer: The Autocar Co.

Armament: One Gun, automatic, 37-mm, M1A2; two Guns, machine, cal. .50, HB, M2.

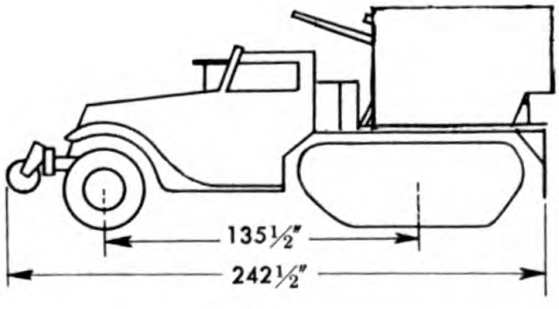
Ammunition: 240 rounds, 37-mm shell, HE M54 or AP M59; 3,400 rounds, cal. .50.

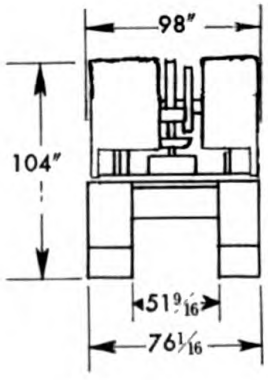


RA PD 308959

Classification: Limited standard

Purpose: To provide mobility for antiaircraft guns.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, MULTIPLE GUN, M15

GENERAL DATA

Crew		7
Weight	Gross (lb)	20,000
Shipping dimensions	(cu ft) 1116, boxed 1338 (sq ft) 131	
Tires—Combat	Ply . . . 12 Size . . . 8.25 x 20	
Tread, center to center (in.)	Front—64½ Rear—63 13/16	
Track width	(in.)	12 1/4
Ground clearance	(in.)	17 1/8
Ground pressure, tires	(lbs per sq in.)	33.5
Electrical system	(volts)	12
Capacities	Fuel, 80 octane gasoline (gal)	60
	Cooling system (qt)	26
	Crankcase (refill) (qt)	12
Brakes	Hydraulic (Hydrovac)	
Communication	Radio	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	30
Fording depth	(in.)	32
Maximum vertical obstacle vehicle will climb	(in.)	12
Angle of approach	(deg)	37
Angle of departure	(deg)	45
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed		Not governed	
Brake horsepower			148
Ignition type		Battery	

ADDITIONAL DATA

Basic chassis . . . . . Carrier, personnel, half-track, M3

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, MULTIPLE GUN, M15A1

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: The Autocar Co.

Armament: One Gun, 37-mm, M1A2; two Guns, machine, cal. .50, HB, M2; one Rifle, cal. .30, M1903 with Launcher, grenade; one Gun, submachine, cal. .45; five Carbines, cal. .30, M1.

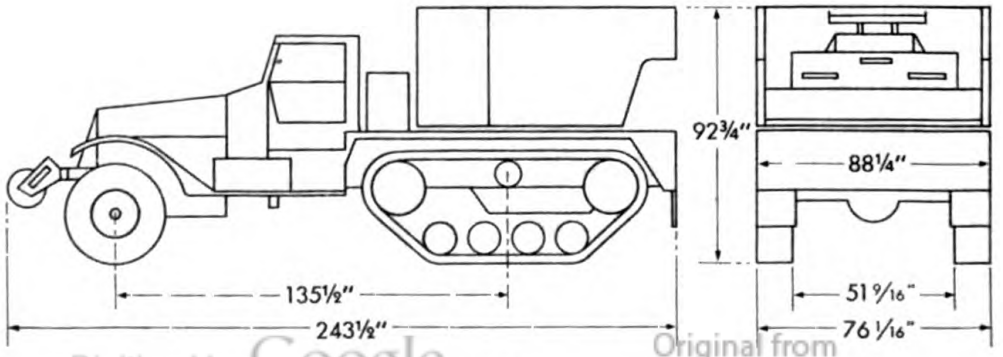
Ammunition: 1,200 rounds, cal. .50; 200 rounds, 37-mm; 540 rounds, cal. .45; 10 rifle grenades M9A1; 12 hand grenades.



RA PD 309117

Classification: Standard

Purpose: To provide a highly mobile antiaircraft weapon.



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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, MULTIPLE GUN, M15A1

GENERAL DATA

Crew			7
Weight	Net	(lb)	17,600
	Payload	(lb)	2,500
	Gross	(lb)	20,100
Shipping dimensions	(cu ft) 1116	(sq ft) 131	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center (in.)	Front 64 1/2	Rear 63 13/16	
Ground clearance		(in.)	17 1/8
Track width			12 1/4
Ground pressure, tires		(lbs per sq in.)	33.5
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius				(ft)	30
Fording depth				(in.)	32
Maximum vertical obstacle vehicle will climb				(in.)	12
Angle of approach				(deg)	
Angle of departure				(deg)	
Fuel consumption, average conditions				(miles per gal)	
Cruising range, average conditions				(miles)	
Maximum allowable speed				(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160 AX	
Type	In line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed	Not governed		
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Basic chassis . . . . . Carrier, personnel, half-track, M3

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, MULTIPLE GUN, M16

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: White Motor Co.

Armament: Four Guns, machine, cal. .50, HB, M2, turret type; one Gun, submachine, cal. .45, M1928A1; one Rifle, cal. .30, M1903, w/Launcher, grenade; three Carbines, cal. .30, M1.

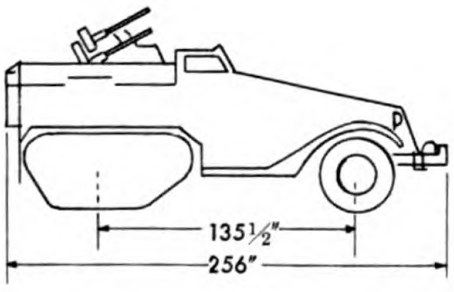
Ammunition: 5,000 rounds, cal. .50, in belts; 480 rounds, cal. .45, in clips; 26 grenades.

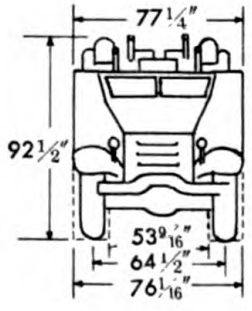


RA PD 308921

Classification: Standard

Purpose: To provide mobility for machine guns.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, MULTIPLE GUN, M16

GENERAL DATA

Crew			5
Weight	Gross	(lb)	19,800
	Boxed for export	(lb)	21,532
Shipping dimensions	(cu ft) boxed 1188	(sq ft)	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center (in.)	Front 64 1/2	Rear 63 13/16	
Track width		(in.)	12 1/4
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	30
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	30
Maximum vertical obstacle vehicle will climb	(in.)	12
Fording depth	(in.)	32
Angle of approach	(deg)	33
Angle of departure	(deg)	45
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Maximum engine speed (not governed)		(rpm)	3200
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000
Basic chassis	Carrier, personnel, half-track, M3	

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, MULTIPLE GUN, M17

Technical Manual: TM 9-707, TM 9-1707A. Parts List: SNL G-147

Manufacturer: International Harvester Co.

Armament: Four Guns, machine, cal. .50, HB, M2, turret type; one Gun, submachine, cal. .45, M1928A1; one Rifle, cal. .30, M1903, w/Launcher, grenade; three Carbines, cal. .30, M1.

Ammunition: 5,000 rounds, cal. .50 in belts; 480 rounds, cal. .45 in clips; 36 grenades.

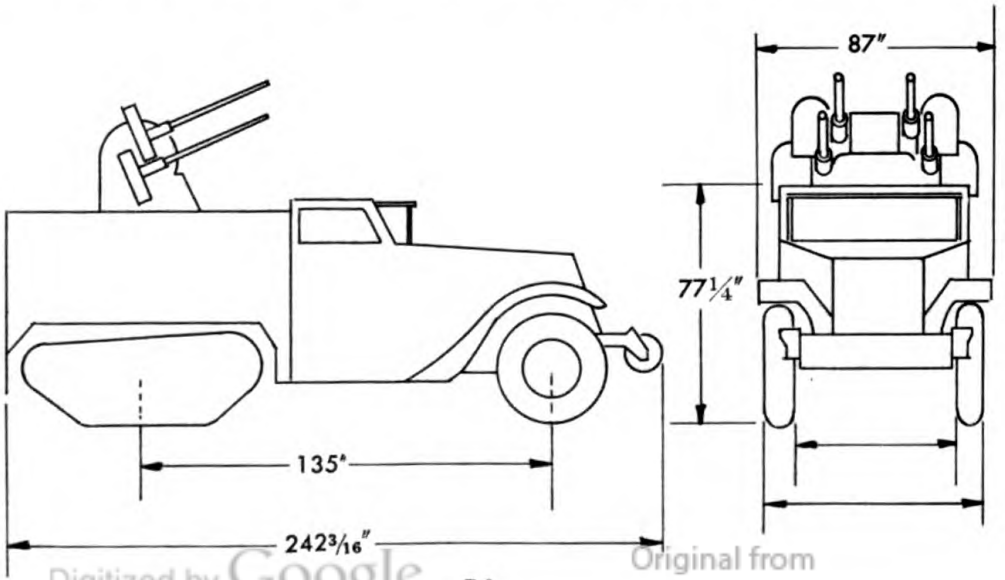


RA PD 308921

Vehicle illustrated above: M16. M17 is similar in appearance. No photo available at date of publication.

Classification: Substitute standard

Purpose: To provide mobility for antiaircraft machine guns.



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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MULTIPLE GUN, M17

GENERAL DATA

Crew			5
Weight	Gross (approx)	(lb)	19,700
Shipping dimensions	(cu ft)	(sq ft)	
Tires—Combat	Ply . . . 12	Size . . . 9.00 x 20	
Tread, center to center (in.)	Front 64½	Rear 63 13/16	
Track width		(in.)	12¼
Ground clearance		(in.)	17⅛
Ground pressure, tires		(lbs per sq in.)	33.5
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	31
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	30
Maximum vertical obstacle vehicle will climb					(in.)	12
Fording depth					(in.)	32
Angle of approach					(deg)	36
Angle of departure					(deg)	45
Fuel consumption, average conditions					(miles per gal)	3.3
Cruising range, average conditions					(miles)	200
Maximum allowable speed					(mph)	42
	1st	2nd	3rd	4th		
Cruising speed	8.5	16	24	42		

ENGINE

Manufacturer	IHC	Model Red-450-B	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	450
Governed speed		(rpm)	2,650
Brake horsepower			141
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity		(lb)	10,000
Basic chassis	Carrier, personnel, half-track, M5		

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STANDARD MILITARY MOTOR VEHICLES

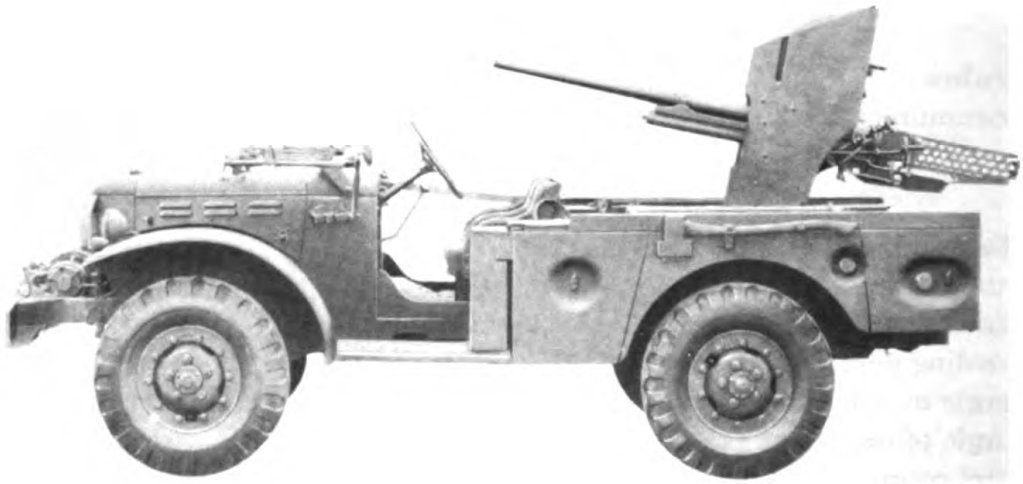
CARRIAGE, MOTOR, 37-MM GUN, M6 (¾-TON, 4 x 4)

Technical Manual: TM 9-750A, TM 9-1808A. Parts List: SNL G-121

Manufacturer: Dodge Bros. Corp. (Div. of Chrysler Corp.)
Model WC-55.

Armament: One Gun, 37-mm, M3; four Rifles, cal. .30, M1903, with Launcher, grenade.

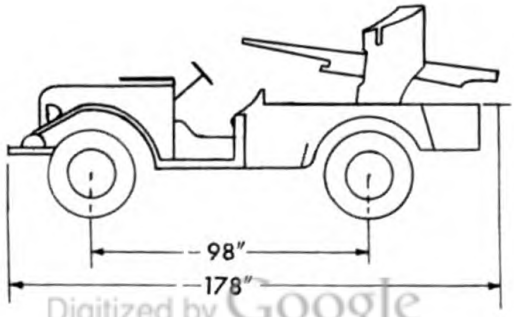
Ammunition: 80 rounds 37-mm; 18 grenades.

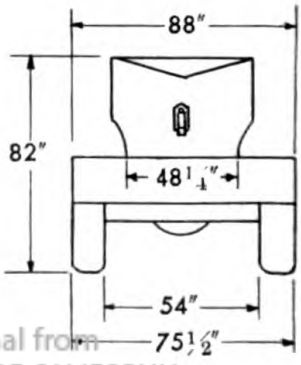


RA PD 66373

Classification: Standard

Purpose: To provide mobility for 37-mm antitank gun.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 37-MM GUN, M6 (¾-TON, 4 x 4)

GENERAL DATA

Crew			4
Weight	Net	(lb)	5,850
	Payload	(lb)	1,200
	Gross	(lb)	7,050
	Boxed for export	(lb)	8,900
Shipping dimensions	(cu ft) 708, boxed 605	(sq ft) 102	
Tires—Combat	Ply . . . 8	Size . . . 9.00 x 16	
Tread, center to center		(in.)	64½
Ground clearance		(in.)	10⅝
Ground pressure, tires		(lbs per sq in.)	40
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes			Hydraulic
Communication			Radio

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	22
Fording depth	(in.)	35
Maximum vertical obstacle vehicle will climb	(in.)	12
Angle of approach	(deg)	36½
Angle of departure	(deg)	31
Fuel consumption, average conditions	(miles per gal)	8.0
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	54

ENGINE

Manufacturer	Dodge	Model T-214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			94
Ignition type			Battery

ADDITIONAL DATA

Winch capacity	(lb)	5,000
Basic chassis	Weapons carrier, ¾-ton, 4 x 4	

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, 57-MM GUN, T48

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: Diamond T Motor Car Co.

Armament: One Gun, 57-mm, M1; five Rifles, cal. .30, w/Launcher, grenade.

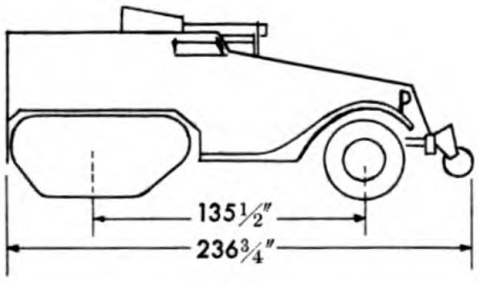
Ammunition: 99 rounds, 57-mm; 22 grenades.

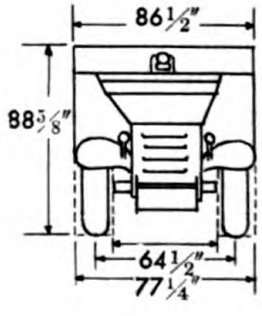


RA PD 308919

Classification: None (British only)

Purpose: To provide mobility for antitank weapon and protection for crew.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 57-MM GUN, T48

GENERAL DATA

Crew			5
Weight	Gross	(lb)	19,800
	Boxed for export	(lb)	22,300
Shipping dimensions	(cu ft) 1051, boxed 1226	(sq ft)	
Tires—Combat	Ply . . . 12 . . . . . Size . . . 8.25 x 20		
Tread, center to center (in.)	Front 64 1/2 . . . . . Rear 63 13/16		
Track width		(in.)	12 1/4
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	33
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius				(ft)	30
Fording depth				(in.)	32
Maximum vertical obstacle vehicle will climb				(in.)	12
Angle of approach				(deg)	33
Angle of departure				(deg)	45
Fuel consumption, average conditions				(miles per gal)	3.3
Cruising range, average conditions				(miles)	200
Maximum allowable speed				(mph)	45
	1st	2nd	3rd	4th	
Cruising speed	9	17	26	45	

ENGINE

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Maximum engine speed (not governed)		(rpm)	3,200
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000
Basic chassis	Carrier, personnel, half-track, M3	

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, 75-MM GUN, M3

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: The Autocar Co.

Armament: One Gun, 75-mm, M1897A4; one Rifle, cal. .30, M1903, w/Launcher, grenade; four Carbines, cal. .30, M1.

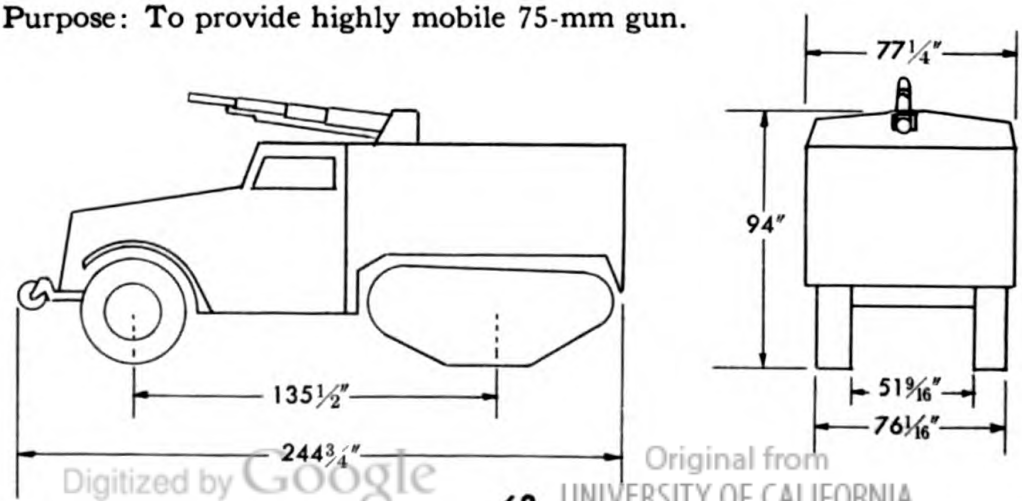
Ammunition: 59 rounds, 75-mm, HE and AP; 22 grenades.



RA PD 66369

Classification: Standard

Purpose: To provide highly mobile 75-mm gun.



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CARRIAGE, MOTOR, 75-MM GUN, M3A1

GENERAL DATA

Crew			5
Weight	Net	(lb)	17,450
	Payload	(lb)	2,550
	Gross	(lb)	20,000
Shipping dimensions	(cu ft) 959	(sq ft) 127	
Tires—Combat	Ply . . . 12	Size . . . 8.25 x 20	
Tread, center to center, front		(in.)	64 1/2
Track width		(in.)	12 1/4
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	33.5
Electrical system		(volts)	21
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius				(ft)	30
Fording depth				(in.)	32
Maximum vertical obstacle vehicle will climb				(in.)	12
Angle of approach				(deg)	37
Angle of departure				(deg)	45
Fuel consumption, average conditions				(miles per gal)	3.3
Cruising range, average conditions				(miles)	200
Maximum allowable speed				(mph)	45
	1st	2nd	3rd	4th	
Cruising speed . .	9	17	26	45	

ENGINE

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed	Not governed		
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

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CARRIAGE, MOTOR, 75-MM HOWITZER, M8

Technical Manuals: TM 9-732B, TM 9-1727B, Parts List: SNL G-127
TM 9-1727C, TM 9-1727D, TM 9-1727E,
TM 9-1727F, TM 9-1727G, TM 9-1732A.

Manufacturer: Cadillac Motor Car Div. (General Motors Corp.)

Armament: One Howitzer, 75-mm, M2 or M3; one Gun, machine, cal. .50, HB, M2 (flexible), one Gun, submachine, cal. .45, M1928A1; three Carbines, cal. .30.

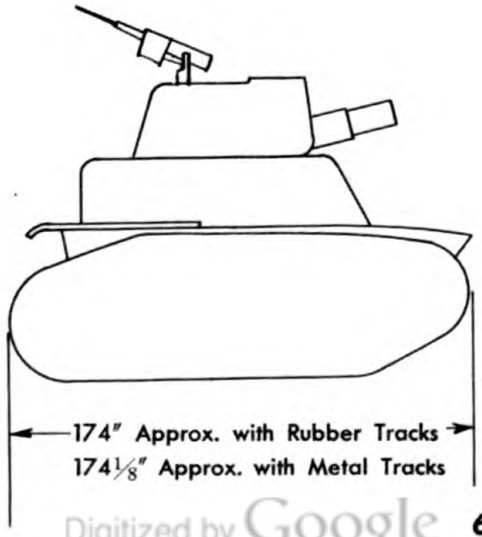
Ammunition: 46 rounds, 75-mm; 400 rounds, cal. .50; 600 rounds, cal. .45; 735 rounds, cal. .30; 6 grenades, 2 fragmentation, 2 smoke, 2 thermite-incendiary.

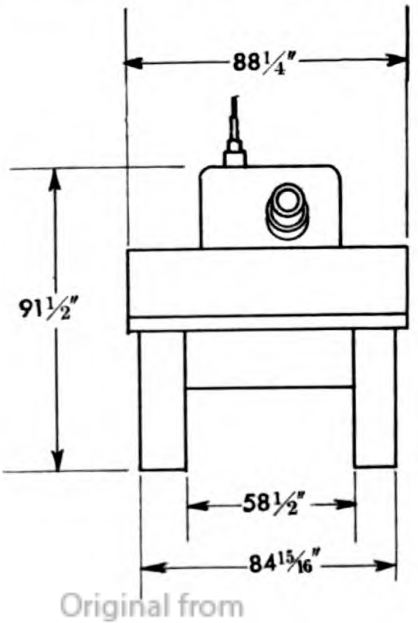


RA PD 308911

Classification: Standard

Purpose: To provide mobility for 75-mm howitzer and protection for crew.





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CARRIAGE, MOTOR, 75-MM HOWITZER, M8

GENERAL DATA

Crew		4
Weight	Gross (lb)	34,580
Shipping dimensions	(cu ft) 954	(sq ft) 109
Track width	(in.)	11 5/8
Ground clearance	(in.)	15 1/8
Ground pressure	(lbs per sq in.)	11.35
Electrical system	(volts)	12
Capacities	Fuel, 80 octane gasoline (gal)	89
	Cooling system, each (qt)	35
	Crankcase (refill) each (qt)	8
Brakes		Mechanical
Communication		Radio

PERFORMANCE

Maximum gradability (percent)	60
Turning radius (ft)	21
Fording depth (in.)	36
Maximum width of ditch vehicle will cross (in.)	65
Maximum vertical obstacle vehicle will climb (in.)	24
Fuel consumption, average conditions (miles per gal)	1.5
Cruising range, average conditions (miles)	130
Maximum allowable speed (mph)	35

ENGINES (TWO)

Manufacturer	Cadillac	Model—Series 42
Type	V-8, 4 cycle	Number of cylinders 8
Governed speed		Not governed
Brake horsepower, each		125
Ignition type		Battery

ADDITIONAL DATA

Basic chassis	Tank, light, M5

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STANDARD MILITARY MOTOR VEHICLES

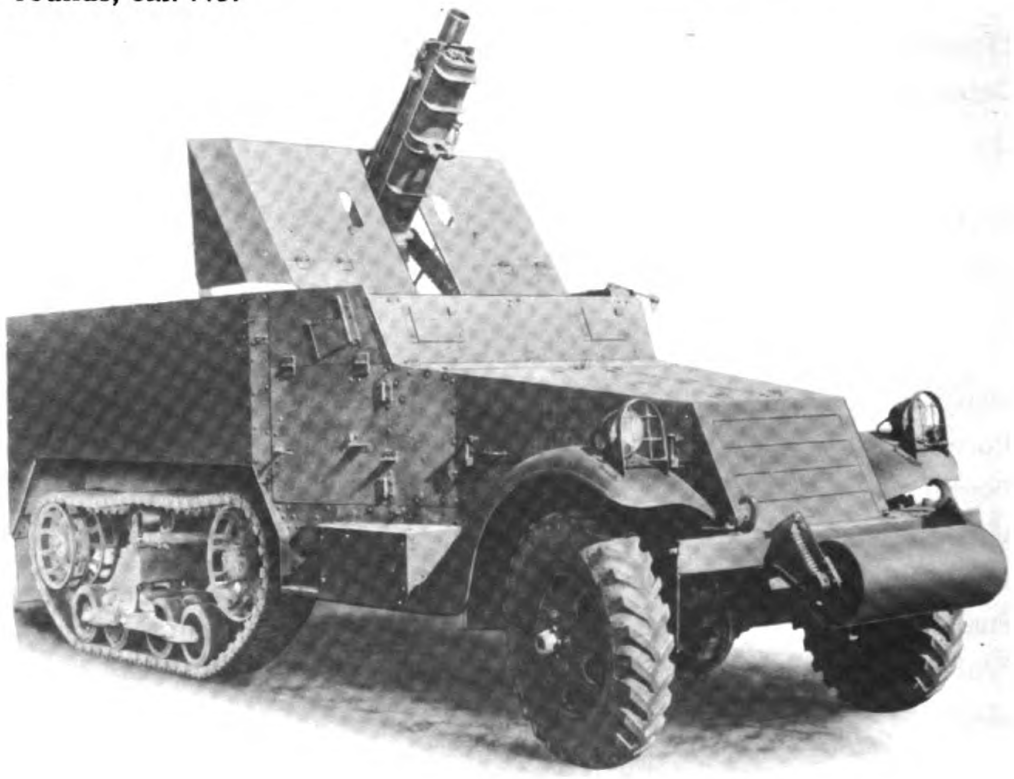
CARRIAGE, MOTOR, 75-MM HOWITZER, T30

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: White Motor Co.

Armament: One Howitzer, 75-mm, M1A1; one Gun, machine, cal. .50, HB, M2 (flexible); one Gun, submachine, cal. .45, M1928A1; four Carbines, cal. .30, M1.

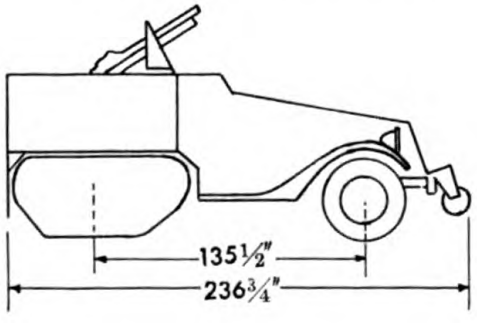
Ammunition: 60 rounds, 75-mm howitzer; 300 rounds, cal. .50; 540 rounds, cal. .45.

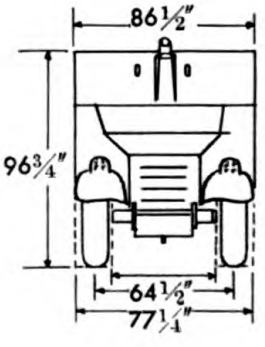


RA PD 308920

Classification: None

Purpose: To provide mobility for 75-mm howitzer.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 75-MM HOWITZER, T30

GENERAL DATA

Crew			5
Weight	Gross	(lb)	19,500
	Boxed for export	(lb)	21,836
Shipping dimensions	(cu ft) 1049, boxed 1197	(sq ft)	
Tires—Combat	Ply . . . 12 . . . . . Size . . . 8.25 x 20		
Tread, center to center (in.)	Front 64 1/2 . . . . . Rear 63 13/16		
Track width		(in.)	12 1/4
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	33
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	30
Fording depth	(in.)	32
Maximum vertical obstacle vehicle will climb	(in.)	12
Angle of approach	(deg)	37
Angle of departure	(deg)	45
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Maximum engine speed (not governed)		(rpm)	3200
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Basic chassis . . . . . Carrier, personnel, half-track, M3

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, 76-MM GUN, T70

Technical Manuals: TM 9-755. Parts List: SNL G-163

Manufacturer: Buick Motor Div. (General Motors Corp.)

Armament: One Gun, 76-mm, M1A1; one Gun, machine, cal. .50, HB, M2, five Carbines, cal. .30, M1.

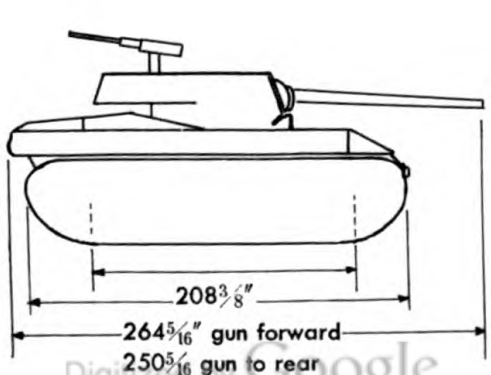
Ammunition: 45 rounds, 76-mm; 800 rounds, cal. .50; 450 rounds, cal. .30; 6 smoke grenades, WP M50; 2 fragmentation grenades; 4 smoke pots.

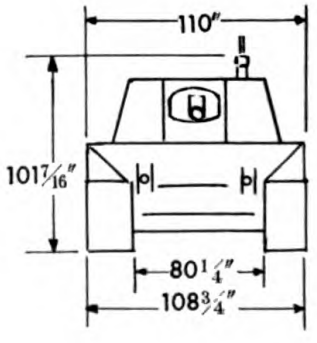


RA PD 308908

Classification:

Purpose: To provide mobility and crew protection for 76-mm gun.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 76-MM GUN, T70

GENERAL DATA

Crew			5
Weight	Gross	(lb)	37,500
Shipping dimensions	(cu ft)	(sq ft)	
Track width		(in.)	$14\frac{3}{8}$
Ground clearance		(in.)	14
Ground pressure		(lbs per sq in.)	11.9
Electrical system		(volts)	24
Capacities	Fuel, 80 octane, gasoline	(gal)	160
	Oil tank	(qt)	48
	Cooling system	Air-cooled	
	Transmission	(qt)	44
	Differential	(qt)	20
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability			(percent)	60
Turning radius			(ft)	28
Fording depth			(in.)	48
Maximum width of ditch vehicle will cross			(in.)	
Maximum vertical obstacle vehicle will climb			(in.)	36
Fuel consumption, average conditions			(miles per gal)	1.0
Cruising range, average conditions			(miles)	150
Maximum allowable speed			(mph)	55
	1st	2nd	3rd	
Cruising speed	16	34	55	

ENGINE

Manufacturer	Continental	Model R975-C1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,400
Brake horsepower			400
Ignition type		Magneto	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, 3-IN. GUN, M10

Technical Manuals: TM 9-752A, TM 9-1750, TM 9-1750B, TM 9-1750G. Parts List: SNL G-130

Manufacturer: Fisher Tank Division (General Motors Corp.)

Armament: One Gun, 3-in., M7; one Gun, machine, cal. .50, HB, M2 (flexible); five Carbines, cal. .30, M1.

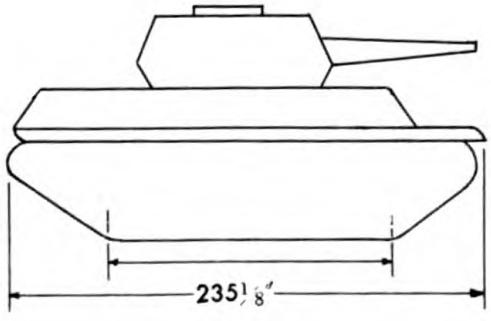
Ammunition: 54 rounds, 3-in.; 450 rounds, cal. .30; 1,000 rounds, cal. .50; 6 smoke grenades; 6 fragmentation grenades.

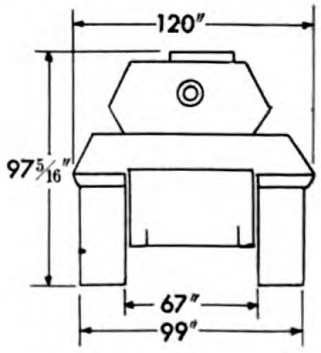


RA PD 66379

Classification: Standard

Purpose: To provide mobility and crew protection for antitank gun.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 3-IN. GUN, M10

GENERAL DATA

Crew			5
Weight	Gross	(lb)	66,000
Shipping dimensions	(cu ft) 1,638	(sq ft) 202	
Track width		(in.)	$16^{9}/_{16}$
Ground clearance		(in.)	18
Ground pressure		(lbs per sq in.)	13.5
Electrical system		(volts)	24
Capacities	Fuel, 50 cetane Diesel fuel oil	(gal)	165
	Oil tank, each	(qt)	28
	Crankcase (refill)	(qt)	16
	Transmission and differential	(qt)	152
	Cooling system	(qt)	120
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability	(percent)	50
Turning radius	(ft)	31
Fording depth	(in.)	36
Maximum width of ditch vehicle will cross	(in.)	72
Maximum vertical obstacle vehicle will climb	(in.)	24
Fuel consumption, average conditions	(miles per gal)	1.4
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	29

	1st	2nd	3rd	4th	5th
Cruising speed	2	6	10	16	25

ENGINE

Manufacturer	GMC	Model 6046 Series 71	
Type	Twin Six, 2 cycle Diesel	Number of cylinders	12
Displacement		(cu in.)	850
Governed speed		(rpm)	2,100
Brake horsepower			420
Ignition type		Compression	

ADDITIONAL DATA

Basic chassis	Tank, medium, M4A2

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STANDARD MILITARY MOTOR VEHICLES

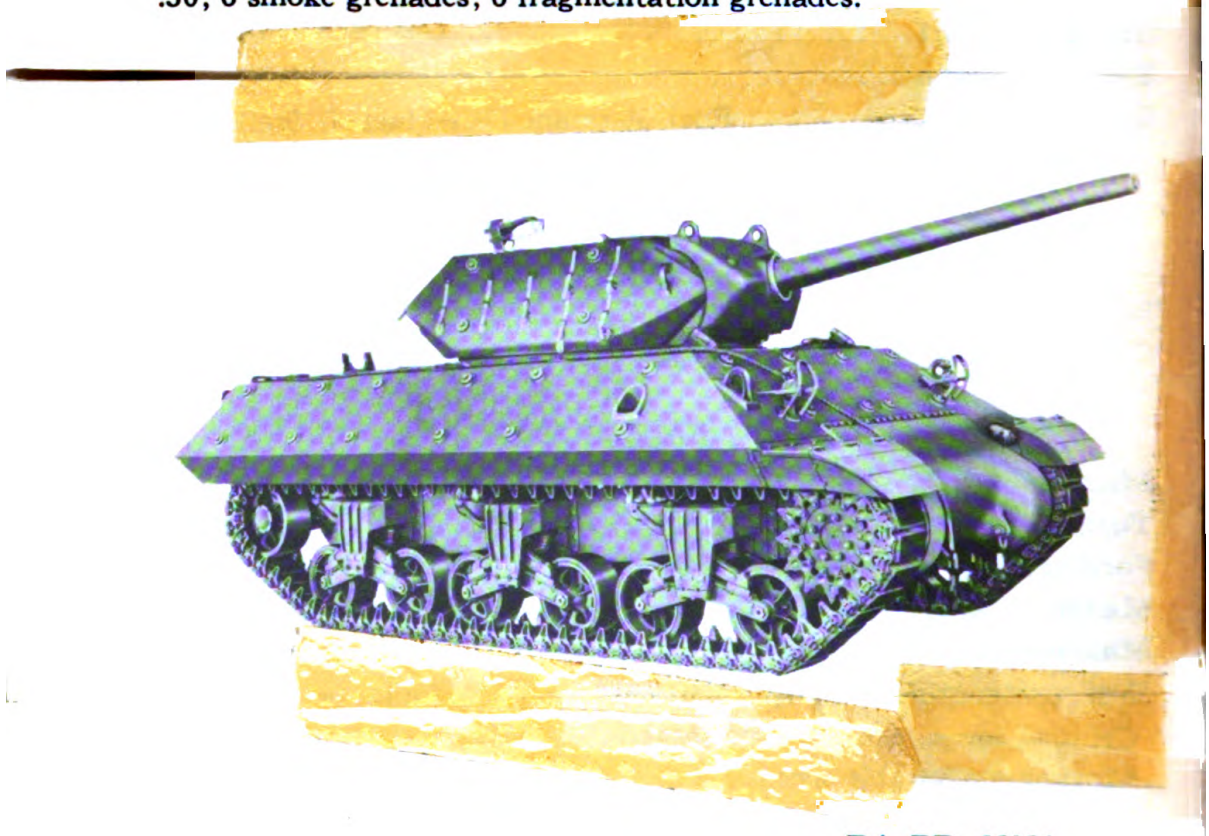
CARRIAGE, MOTOR, 3-IN. GUN, M10A1

Technical Manual: TM 9-731G, TM 9-1731B, TM 9-1731C, TM 9-1750, TM 9-1750B. Parts List: SNL G-170

Manufacturer: Ford Motor Co.

Armament: One Gun, 3-in., M7; one Gun, machine, cal. .50, HB M2, (flexible); five Carbines, cal. .30, M1.

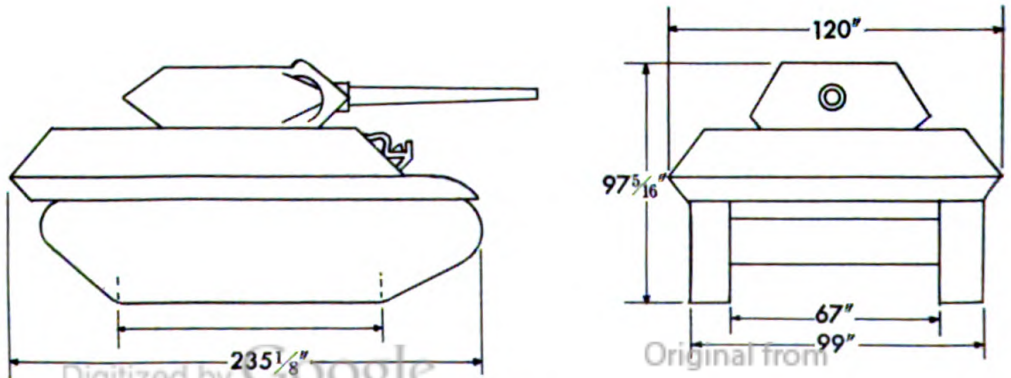
Ammunition: 54 rounds, 3-in.; 1,000 rounds, cal. .50; 450 rounds, cal. .30; 6 smoke grenades; 6 fragmentation grenades.



RA PD 66381

Classification: Standard

Purpose: To provide mobility and crew protection for 3-in. antitank gun.



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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 3-IN. GUN, M10A1

GENERAL DATA

Crew			5
Weight	Gross	(lb)	63,000
Shipping dimensions	(cu ft) 1,638	(sq ft) 202	
Track width		(in.)	16 9/16
Ground clearance		(in.)	18
Ground pressure		(lbs per sq in.)	13.1
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	192
	Crankcase (refill)	(qt)	32
	Transmission and differential	(qt)	152
	Cooling system	(qt)	56
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability		(percent)	50
Turning radius		(ft)	31
Fording depth		(in.)	36
Maximum width of ditch vehicle will cross		(in.)	72
Maximum vertical obstacle vehicle will climb		(in.)	24
Fuel consumption, average conditions		(miles per gal)	.9
Cruising range, average conditions		(miles)	160
Maximum allowable speed		(mph)	28

	1st	2nd	3rd	4th	5th
Cruising speed	2	6	10	16	24

ENGINE

Manufacturer	Ford	Model GAA-V8	
Type	V-8, 4 cycle	Number of cylinders	8
Displacement		(cu in.)	1,100
Governed speed		(rpm)	2,800
Brake horsepower			500
Ignition type		Magneto	

ADDITIONAL DATA

Basic chassis	Tank, medium, M4A3

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STANDARD MILITARY MOTOR VEHICLES

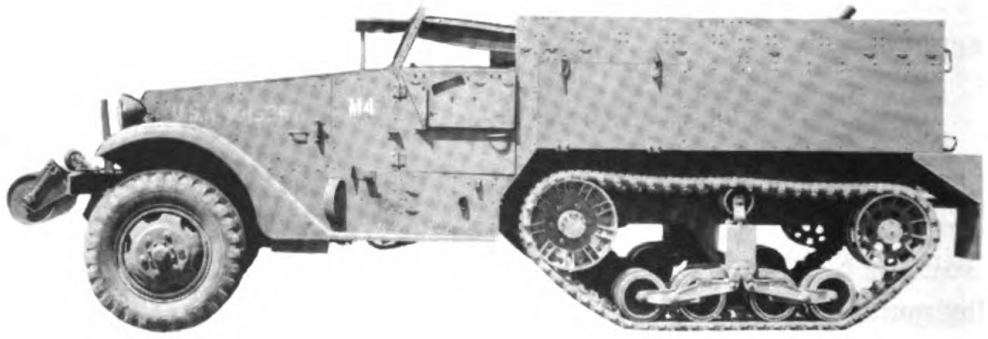
CARRIER, 81-MM MORTAR, HALF-TRACK, M4

Technical Manuals: TM 9-710A, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: White Motor Co.

Armament: One Mortar, 81-mm, M1; one Gun, machine, cal. .50, BH M2, (flexible); one Gun, machine, cal. .30, M1919A4 (flexible).

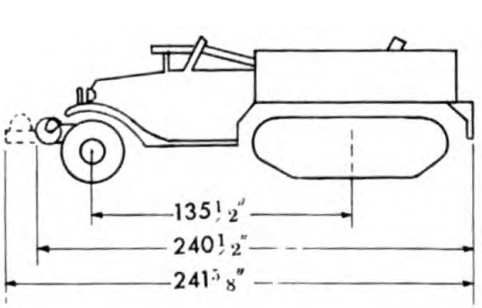
Ammunition: 108 rounds, 81-mm; 540 rounds, cal. .45; 1,600 rounds, cal. .30; 20 grenades.

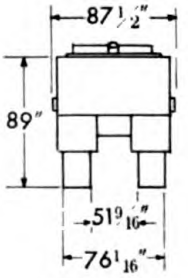


RA PD 66371

Classification: Substitute standard

Purpose: To provide mobility for 81-mm mortar and protection for crew.





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CARRIER, 81-MM MORTAR, HALF-TRACK, M4

GENERAL DATA

Crew			6
Weight	Net	(lb)	14,700
	Payload	(lb)	2,700
	Gross	(lb)	17,400
Shipping dimensions	(cu ft) 1,060	(sq ft)	143
Tires—Combat	Ply. . .12	Size. . .8.25 x 20	
Tread, center to center (in.)	Front 64 1/2	Rear 63 13/16	
Track width		(in.)	12 1/4
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	29.8
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	12
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	30
Fording depth	(in.)	32
Maximum vertical obstacle vehicle will climb	(in.)	12
Angle of approach	(deg)	37
Angle of departure	(deg)	45
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed	Not governed		
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000
Basic chassis	Car, half-track, M2	

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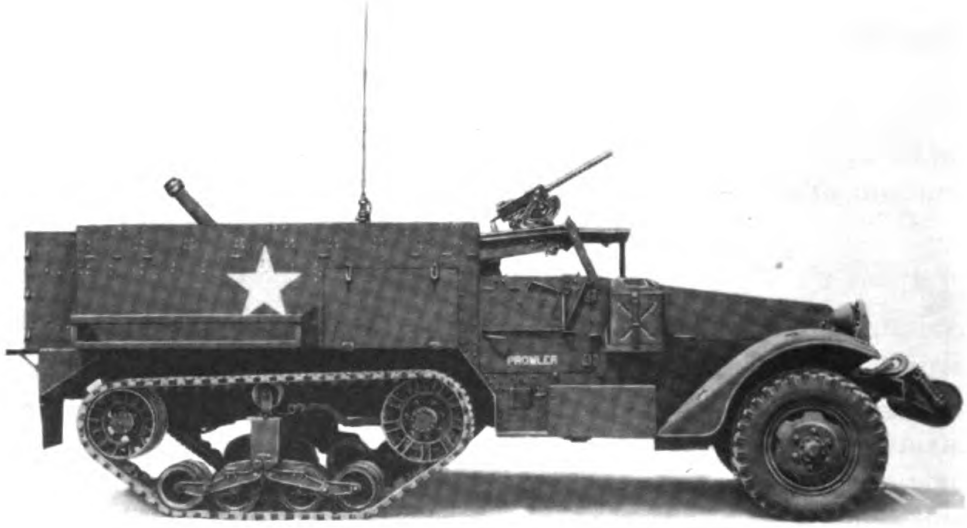
CARRIER, 81-MM MORTAR, HALF-TRACK, M4A1

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: White Motor Co.

Armament: One Mortar, 81-mm., M1; one Gun, submachine, cal. .45, M1928A1; one Gun, machine, cal. .30, M1919A4; one Launcher, rocket, M1.

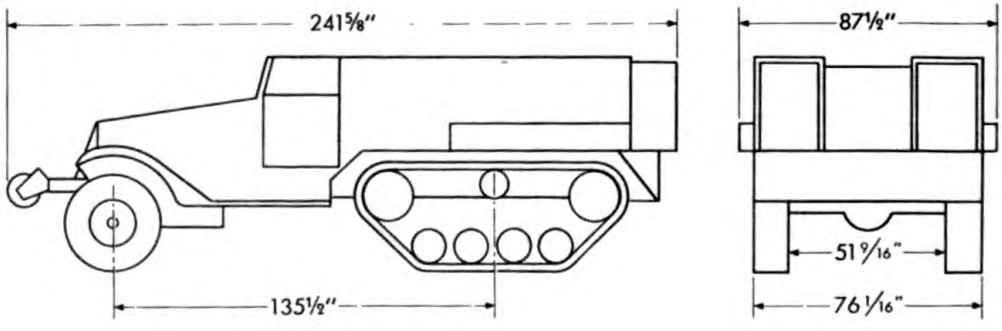
Ammunition: 96 rounds, 81-mm; 540 rounds, cal. .45 in clips; 2,000 rounds, cal. .30; 12 grenades; 10 rockets, HE, AT.



RA PD 309120

Classification: Standard

Purpose: To provide armored carrier for 81-mm mortar.



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CARRIER, 81-MM MORTAR, HALF-TRACK, M4A1

GENERAL DATA

Crew			6
Weight	Gross	(lb)	18,000
	Boxed for export	(lb)	20,550
Shipping dimensions	(cu ft) 1126, boxed 1074	(sq ft)	
Tires—Combat	Ply. . .12	Size. . .8.25 x 20	
Tread, center to center (in.)	Front 64 1/2	Rear 63 13/16	
Track width		(in.)	12 1/4
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	33
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	30
Maximum vertical obstacle vehicle will climb	(in.)	12
Fording depth	(in.)	32
Angle of approach	(deg)	33
Angle of departure	(deg)	45
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Maximum engine speed (not governed)		(rpm)	3,200
Brake horsepower			148
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	10,000
Basic chassis	Car, half-track, M2	

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CARRIER, MORTAR, 81-MM, HALF-TRACK, M21

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: White Motor Co.

Armament: One Mortar, 81-mm, M1; one Gun, machine, cal. .50.

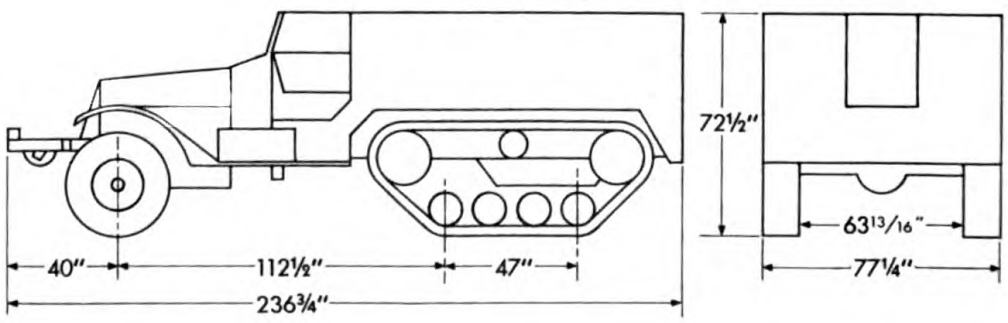
Ammunition: 96 rounds, 81-mm; 400 rounds, cal. .50; 12 hand grenades; 12 mines.



RA PD 309115

Classification: Standard

Purpose: To provide a self-propelled mount for 81-mm mortar.



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SECTION V—SELF-PROPELLED ARTILLERY

CARRIER, MORTAR, 81-MM, HALF-TRACK, M21

GENERAL DATA

Crew			6
Weight	Gross	(lb)	18,500
Shipping dimensions	(cu ft) 1,116	(sq ft) 131	
Tires—Combat	Ply	Size. . .8.25 x 20	
Tread, center to center (in.)	Front 64 1/2	Rear 63 13/16	
Ground clearance		(in.)	17 1/8
Ground pressure, tires		(lbs per sq in.)	29.4
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic (Hydrovac)	
Communication		Radio	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	30
Fording depth	(in.)	32
Maximum vertical obstacle vehicle will climb	(in.)	12
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	
Cruising range, average conditions	(miles)	220
Maximum allowable speed	(mph)	45

	1st	2nd	3rd	4th
Cruising speed	9	17	26	45

ENGINE

Manufacturer	White	Model 160 AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Governed speed		Not governed	
Brake horsepower			148
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000
Basic chassis	Carrier, personnel, half-track, M3	

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CARRIAGE, MOTOR, 105-MM HOWITZER, M7

Technical Manuals: TM 9-731E, TM 9-1750, TM 9-1750B, TM 9-1750D, TM 9-1751. Parts List: SNL G-128

Manufacturer: American Locomotive Co.

Armament: One Howitzer, 105-mm, M2A1; one Gun, machine, cal. .50, HB M2 (flexible); three Guns, submachine, cal. .45, M1928A1.

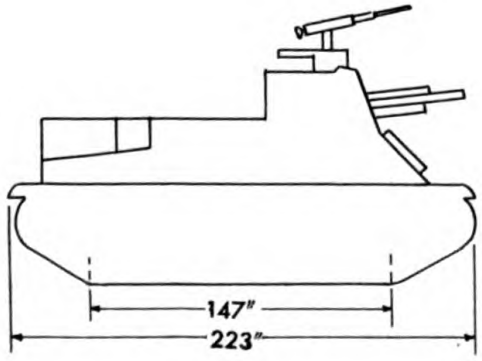
Ammunition: 69 rounds, 105-mm; 300 rounds, cal. .50; 1,620 rounds, cal. .45; 6 smoke grenades; 2 fragmentation grenades.

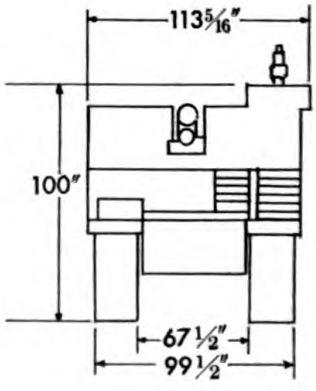


RA PD 308933

Classification: Standard

Purpose: To provide mobility for 105-mm howitzer.





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CARRIAGE, MOTOR, 105-MM HOWITZER, M7

GENERAL DATA

Crew			7
Weight	Gross	(lb)	52,000
Shipping dimensions	(cu ft) 1462	(sq ft) 175	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17
Ground pressure		(lbs per sq in.)	10
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	175
	Oil tank	(qt)	36
	Transmission	(qt)	26
	Differential	(qt)	120
	Cooling system	Air-cooled	
Brakes		Mechanical	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	42
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	1.0
Cruising range, average conditions					(miles)	165
Maximum allowable speed					(mph)	25

	1st	2nd	3rd	4th	5th
Cruising speed	2	4.8	8.3	13.2	20.3

ENGINE

Manufacturer	Continental	Model R975C1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2400
Brake horsepower			400
Ignition type		Magneto	

ADDITIONAL DATA

Basic chassis originally—Tank, medium, M3; later Tank, medium, M4.

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, 105-MM HOWITZER, T19

Technical Manuals: TM 9-710A, TM 9-1710, TM 9-1710C, TM 9-1711. Parts List: SNL G-102

Manufacturer: Diamond T Motor Car Co.

Armament: One Howitzer, 105-mm, M2A1; one Gun, machine, cal. .50, HB, M2 (flexible); one Gun, submachine, cal. .45, M1928A1.

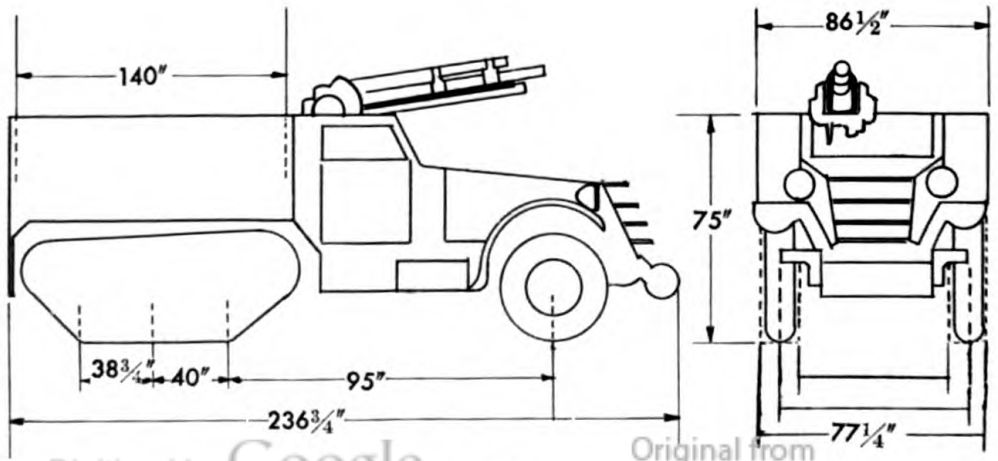
Ammunition: 8 rounds, 105-mm; 200 rounds, cal. .50; 540 rounds, cal. .45, in clips.



RA PD 12556

Classification: None

Purpose: To provide mobility for 105-mm howitzer and protection for crew.



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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 105-MM HOWITZER, T19

GENERAL DATA

Crew			6
Weight	Net	(lb)	17,400
	Payload	(lb)	2,600
	Gross	(lb)	20,000
Shipping dimensions	(cu ft)	(sq ft)	
Tires—Combat	Ply. . .12	Size. . .8.25 x 20	
Tread, center to center (in.)	Front $64\frac{1}{2}$	Rear $63\frac{13}{16}$	
Track width		(in.)	$12\frac{1}{4}$
Ground clearance		(in.)	$17\frac{1}{8}$
Ground pressure, tires		(lbs per sq in.)	33.5
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	60
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	8
Brakes	Hydraulic (Hydrovac)		
Communication	Radio		

PERFORMANCE

Maximum gradability				(percent)	60
Turning radius				(ft)	30
Fording depth				(in.)	32
Angle of approach				(deg)	37
Angle of departure				(deg)	45
Fuel consumption, average conditions				(miles per gal)	3.3
Cruising range, average conditions				(miles)	200
Maximum allowable speed				(mph)	45
	1st	2nd	3rd	4th	
Cruising speed	9	17	26	45	

ENGINE

Manufacturer	White	Model 160-AX	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	386
Maximum engine speed (not governed)		(rpm)	3,200
Brake horsepower			148

ADDITIONAL DATA

Basic chassis . . . . . Carrier, personnel, half-track, M3

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STANDARD MILITARY MOTOR VEHICLES

CARRIAGE, MOTOR, 155-MM GUN, M12

Technical Manuals: TM 9-751, TM 9-1750, TM 1750B, TM 9-1750D, TM 9-1751.

Parts List: SNL G-158

Manufacturer: Pressed Steel Car Co.

Armament: One Gun, 155-mm, M1918M1; five Carbines, cal. .30; one Launcher, grenade.

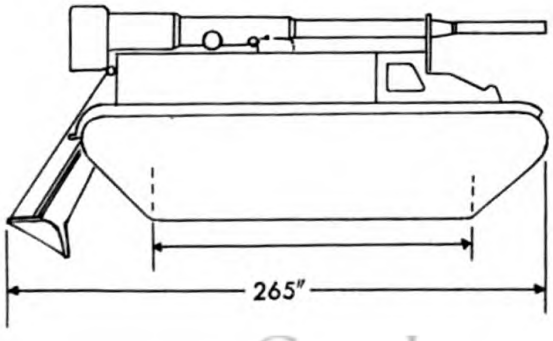
Ammunition: 10 rounds, 155-mm; 12 hand grenades; 10 rifle grenades.

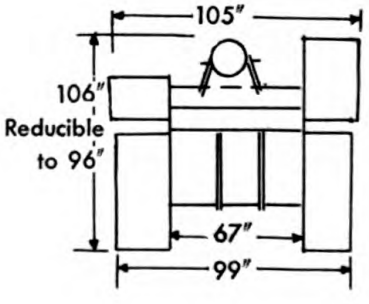


RA PD 66383

Classification: Standard

Purpose: To provide mobility for 155-mm gun and protection for crew.





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SECTION V—SELF-PROPELLED ARTILLERY

CARRIAGE, MOTOR, 155-MM GUN, M12

GENERAL DATA

Crew			6
Weight	Gross	(lb)	58,000
Shipping dimensions	(cu ft) 1,550	(sq ft) 193	
Track width		(in.)	$16\frac{9}{16}$
Ground clearance		(in.)	20
Ground pressure		(lbs per sq in.)	12
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	200
	Oil tank	(qt)	40
	Transmission and differential	(qt)	152
	Cooling system	Air-cooled	
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	36
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	.75
Cruising range, average conditions					(miles)	140
Maximum allowable speed					(mph)	24
	1st	2nd	3rd	4th	5th	
Cruising speed	2	5	9	14	21	

ENGINE

Manufacturer	Continental	Model R975C-1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,400
Brake horsepower			400
Ignition type		Magneto	

ADDITIONAL DATA

Basic chassis originally—Tank, medium, M3; later Tank, medium, M4.

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STANDARD MILITARY MOTOR VEHICLES

TANK, LIGHT, M3

Technical Manuals: TM 9-726, TM 9-1726A, TM 9-1726B, TM 1726C, TM 9-1726F, TM 9-1728.

Parts List: SNL G-103, Vol. I

Manufacturer: American Car & Foundry Co.

Armament: One Gun, 37-mm, M5 or M6; five Guns, machine, cal. .30, M1919A4, flexible; one Gun, submachine, cal. .45, M1928A1.

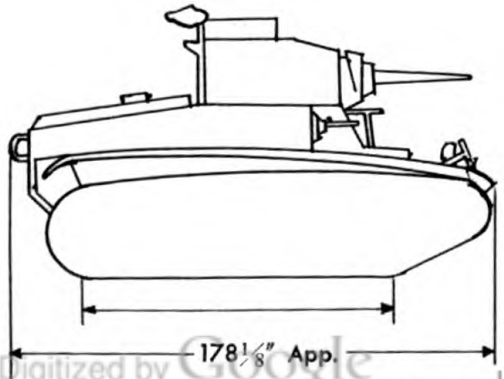
Ammunition: 103 rounds, 37-mm; 5,500 rounds, cal. .30; 350 rounds, cal. .45.

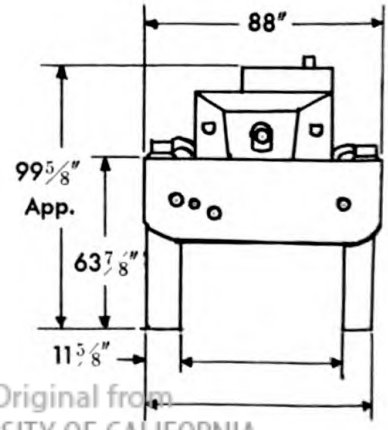


RA PD 4747

Classification: Limited standard

Purpose: To provide firepower, mobility and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, LIGHT, M3

GENERAL DATA

Crew			4
Weight	(Fighting, approx.)	(lb)	28,000
Shipping dimensions	(cu ft) 924	(sq ft) 106	
Track width		(in.)	11 5/8
Ground clearance		(in.)	16 1/2
Ground pressure		(lb per sq in.)	10.5
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	56
	Oil tank	(qt)	24
	Transmission and differential	(qt)	24
	Cooling system	Air-cooled	
Brakes		Mechanical	
Communication	Radio	Intra-tank phone	

PERFORMANCE

Maximum gradability	(percent)	57
Turning radius	(ft)	21
Fording depth	(in.)	40
Maximum width of ditch vehicle will cross	(in.)	72
Maximum vertical obstacle vehicle will climb	(in.)	24
Fuel consumption, average conditions	(miles per gal)	1.10
Cruising range, average conditions	(miles)	60
Maximum allowable speed	(mph)	36

ENGINE

Manufacturer	Continental*	Model W670-9A	
Type	Radial, 4 cycle	Number of cylinders	7
Displacement		(cu in.)	668
Governed speed		(rpm)	2,400
Brake horsepower			242
Ignition type		Magneto	

ADDITIONAL DATA

*Some models are powered with Guiberson engines, Model T-1020 series 4, 1021 cubic inch displacement, using 50 cetane Diesel fuel oil. Miles per gallon (under average operating conditions) 1.5. Cruising range (under average operating conditions) 84.

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STANDARD MILITARY MOTOR VEHICLES

TANK, LIGHT, M3A3

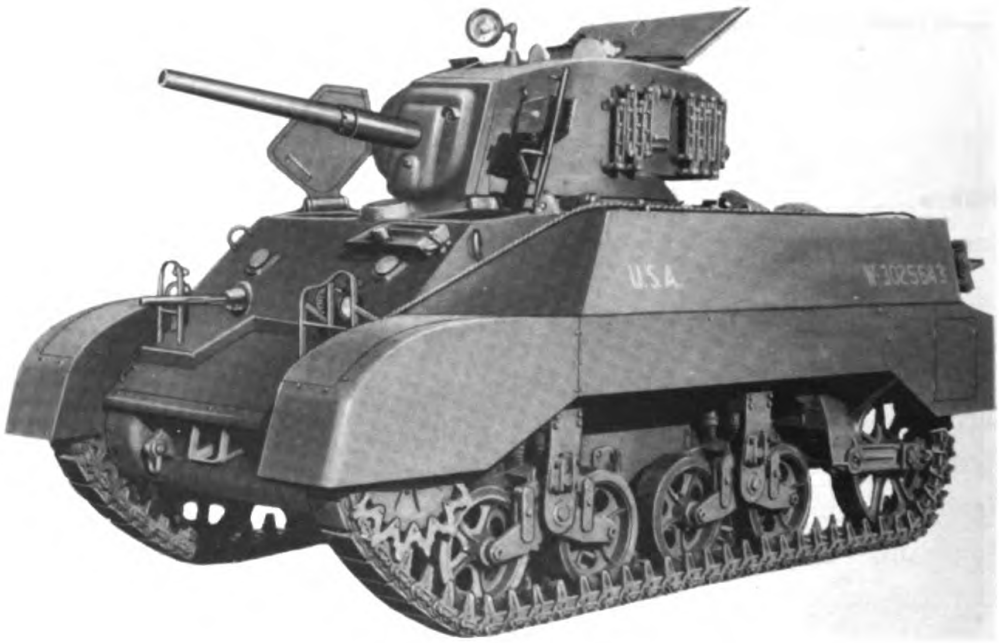
Technical Manuals: TM 9-727, TM 9-1726A, TM 9-1726C, TM 9-1727B, TM 9-1727F.

Parts List: SNL G-103, Vol. VII

Manufacturer: American Car & Foundry Co.

Armament: One Gun, 37-mm, M6; one Gun, machine, cal. .30, M1919A5 (fixed); two Guns, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

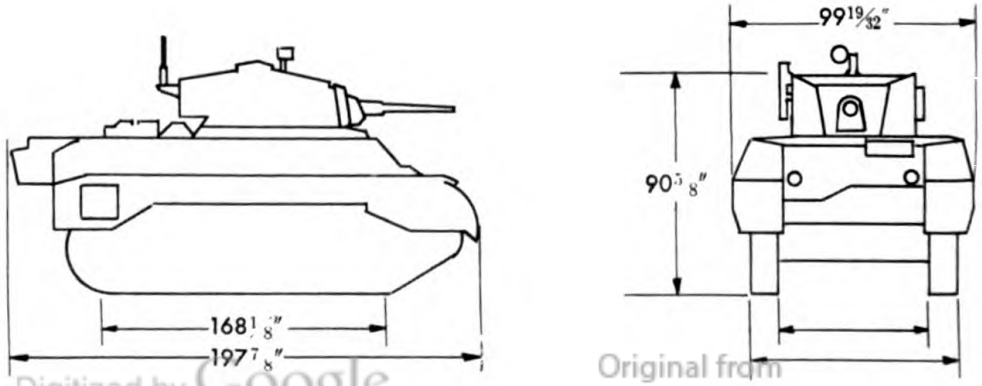
Ammunition: 174 rounds, 37-mm; 7,500 rounds, cal. .30; 540 rounds, cal. .45; 12 hand grenades.



RA PD 66427

Classification: Limited standard

Purpose: To provide firepower, mobility and crew protection for offensive combat.



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TANK, LIGHT, M3A3

GENERAL DATA

Crew			4
Weight	(Fighting)	(lb)	31,280
Shipping dimensions	(cu ft) 940	(sq ft) 108	
Track width		(in.)	11⅝
Ground clearance		(in.)	16½
Ground pressure		(lb per sq in.)	11.2
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	100
	Oil tank	(qt)	24
	Transmission and differential	(qt)	24
	Cooling system	Air-cooled	
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability	(percent)	58
Turning radius	(ft)	21
Fording depth	(in.)	40
Maximum width of ditch vehicle will cross	(in.)	72
Maximum vertical obstacle vehicle will climb	(in.)	24
Fuel consumption, average conditions	(miles per gal)	1.10
Cruising range, average conditions	(miles)	110
Maximum allowable speed	(mph)	36

ENGINES

Manufacturer	Continental	Model W670-9A	
Type	Radial, 4 cycle	Number of cylinders	7
Displacement		(cu in.)	668
Governed speed		(rpm)	2400
Brake horsepower			242
Ignition type		Magneto	

ADDITIONAL DATA

Has welded hull.

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TANK, LIGHT, M5
TANK, LIGHT, M5A1

Technical Manuals: TM 9-732, TM 9-1727B, TM 9-1727C, TM 9-1727D, TM 9-1727E, TM 9-1727F, TM 9-1727G, TM 9-1727K.

Parts Lists: SNL G-103, Vols. II and VIII

Manufacturer: Cadillac Motor Car Division (General Motors Corp.).

Armament: One Gun, 37-mm, M6; one Gun, machine, cal. .30, M1919A4 (fixed); two Guns, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

Ammunition: 123 rounds, 37-mm; 720 rounds, cal. .45; 6,500 rounds, cal. .30; 12 hand grenades.

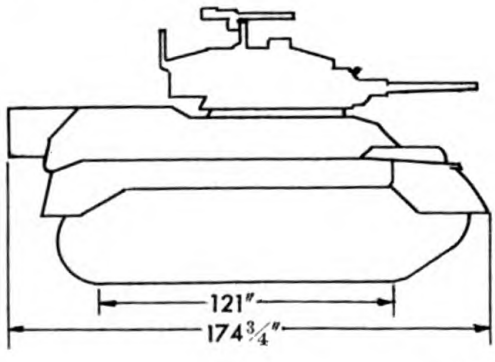


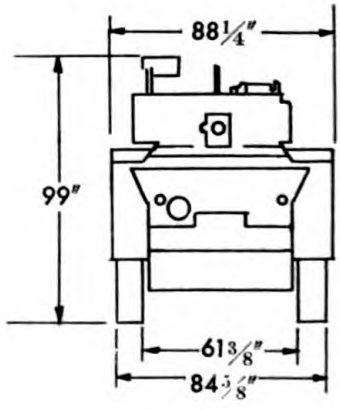
RA PD 45979

Vehicle illustrated above: Light tank, M5A1

Classification: Standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, LIGHT, M5
TANK, LIGHT, M5A1

GENERAL DATA

Crew			4
Weight	(Fighting)	(lb)	32,340
Shipping dimensions	(cu ft) 861	(sq ft) 109	
Track width		(in.)	11 5/8
Ground clearance		(in.)	16 1/2
Ground pressure		(lb per sq in.)	11.6
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gasoline	(gal)	89
	Crankcase (refill) each	(qt)	8
	Differential and transmission	(qt)	32
	Transfer case (each)	(qt)	15
	Cooling system (each)	(qt)	35
Brakes		Mechanical	
Communications	Radio	Intra-tank phone	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	21
Fording depth	(in.)	36
Maximum width of ditch vehicle will cross	(in.)	72
Maximum vertical obstacle vehicle will climb	(in.)	24
Fuel consumption, average conditions	(miles per gal)	1.10
Cruising range, average conditions	(miles)	98
Maximum allowable speed	(mph)	40

ENGINES (TWO)

Manufacturer	Cadillac	Model—series 42	
Type	V8, 4 cycle	Number of cylinders	8
Displacement		(cu in.)	346
Governed speed		Not governed	
Brake horsepower		(each)	125
Ignition type		Battery	

ADDITIONAL DATA

Light tanks M5 and M5A1 are alike except for a slight bulge in the turret of the M5A1 to accommodate the radio.

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STANDARD MILITARY MOTOR VEHICLES

TANK, LIGHT, T9E1

Technical Manuals: TM 9-724, TM 9-1724A. Parts List: SNL G-148

Manufacturer: Marmon-Herrington Co. Inc.

Armament: One Gun, 37-mm, M6; one Gun, machine, cal. .30, 1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

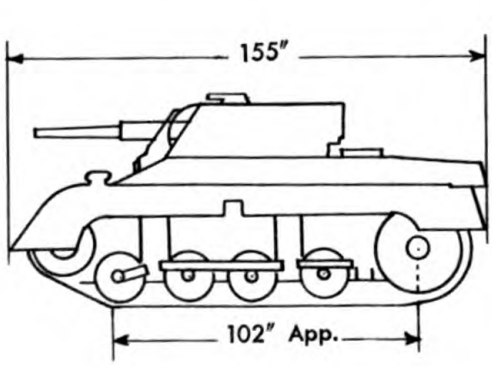
Ammunition: 50 rounds, 37-mm; 2,500 rounds, cal. .30; 450 rounds, cal. .45; 12 hand grenades (4 MKII), (2 MKIII), (4 smoke M8), (2 thermite).

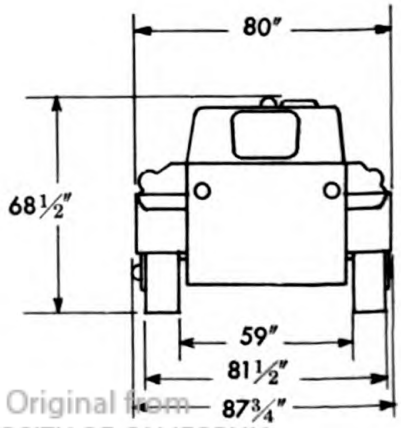


RA PD 308903

Classification: None

Purpose: Airborne.





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SECTION VI—TANKS

TANK, LIGHT, T9E1

GENERAL DATA

Crew		3
Weight	Net (airborne) (lb)	15,800
Shipping dimensions	(cu ft) 534	(sq ft) 114
Track width	(in.)	$11\frac{1}{4}$
Ground clearance	(in.)	10
Ground pressure	(lb per sq in.)	6.16
Electrical system	(volts)	12
Capacities	Fuel, 73 octane gasoline (gal)	55
	Crankcase (refill) (qt)	12
	Transmission and differential (qt)	18
	Cooling system	Air-cooled
Brakes		Mechanical
Communication	Radio	Intra-tank phone

PERFORMANCE

Maximum gradability				(percent)	63
Turning radius				(ft)	38
Fording depth				(in.)	42
Maximum width of ditch vehicle will cross				(in.)	65
Maximum vertical obstacle vehicle will climb				(in.)	$12\frac{3}{8}$
Fuel consumption, average conditions				(miles per gal)	2.5
Cruising range, average conditions				(miles)	135
Maximum allowable speed				(mph)	40
	1st	2nd	3rd	4th	
Cruising speed	7	13	28	42	

ENGINE

Manufacturer	Lycoming	Model O-435-T	
Type	Horizontally opposed, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	434
Governed speed		(rpm)	2800
Brake horsepower			162
Ignition type		Battery	

ADDITIONAL DATA

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TANK, MEDIUM, M3

Technical Manuals: TM 9-750, TM 9-1750, TM 9-1750D, TM 9-1750E, TM 9-1750H, TM 9-1751, TM 9-1752.

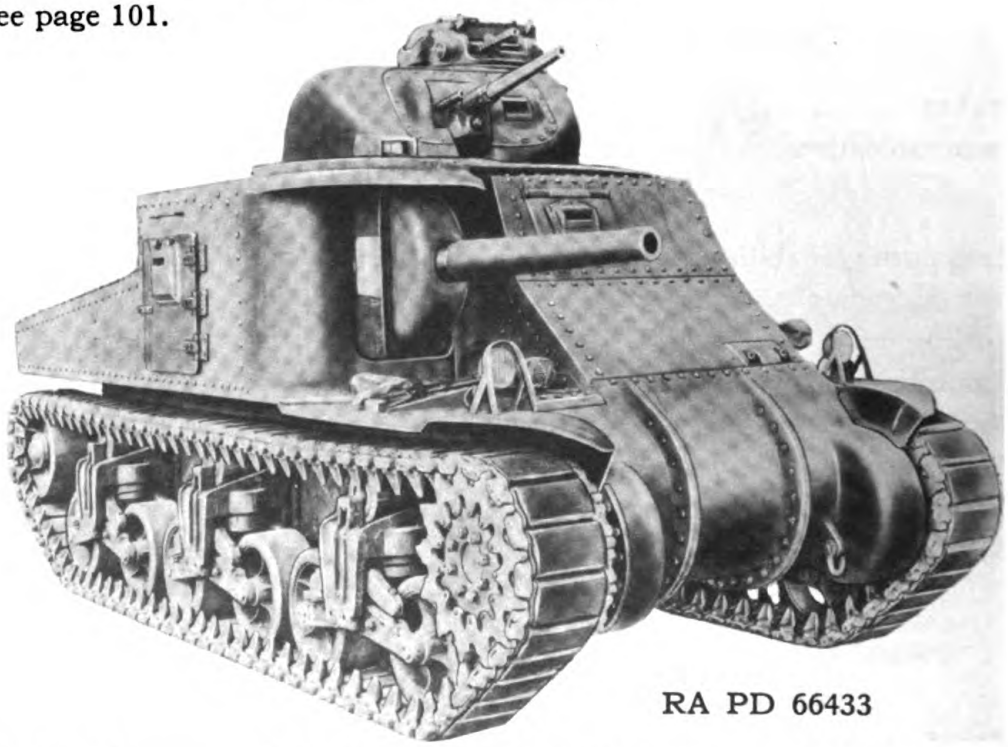
Parts List: SNL G-104, Vol. I

Manufacturers: American Locomotive Co., Baldwin Locomotive Works, Detroit Tank Arsenal (Chrysler), Pressed Steel Car Co., Pullman Standard Car Mfg. Co.

Armament: One Gun, 75-mm, M2 (Tank); one Gun, 37-mm, M5 or M6; three Guns, machine, M1919A4; one Gun, submachine, cal. .45, M1928A1.

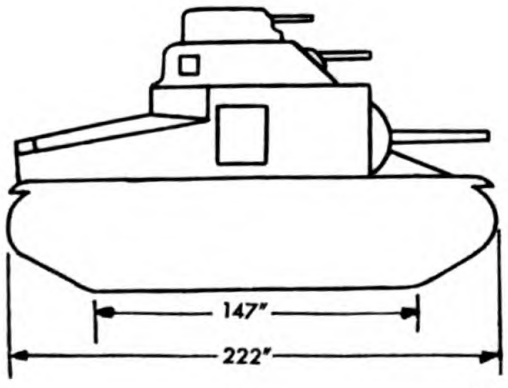
Ammunition: 50 rounds, 75-mm; 179 rounds, 37-mm; 1,200 rounds, cal. .45; 9,200 rounds, cal. .30; 14 hand grenades.

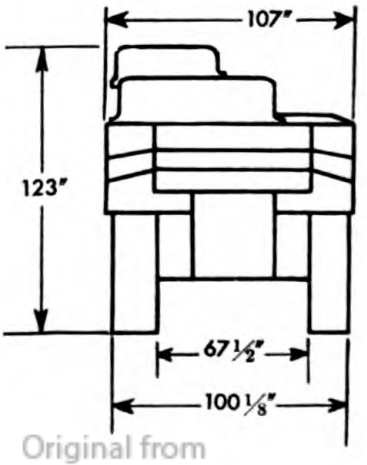
See page 101.



RA PD 66433

Vehicle illustrated above has riveted hull. M3 series medium tanks are commonly known as "General Lee". Classification: Limited standard





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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M3A1

Technical Manuals: TM 9-750, TM 9-1750, TM 9-1750D, TM 9-1750E, TM 9-1750H, TM 9-1751, TM 9-1752.

Parts List: SNL G-104, Vol. XII

Manufacturer: American Locomotive Co.

Armament: One Gun, 75-mm, M2 (Tank); one Gun, 37-mm, M5 or M6; three Guns, machine, M1919A4; one Gun, submachine, cal. .45, M1928A1.

Ammunition: 50 rounds, 75-mm; 179 rounds, 37-mm; 1,200 rounds, cal. .45; 9,200 rounds, cal. .30; 14 hand grenades.

See page 101.



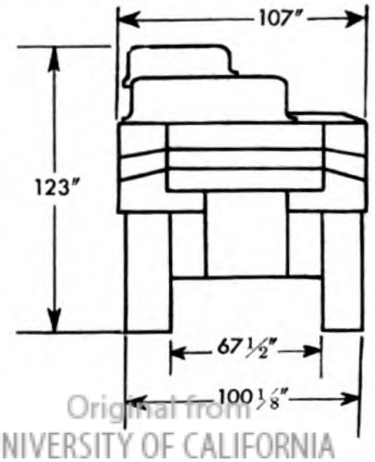
RA PD 66435

Vehicle illustrated above has cast hull.

Classification: Limited standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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TANK, MEDIUM, M3A2

Technical Manuals: TM 9-750, TM 9-1750, TM 9-1750D, TM 9-1750E, TM 9-1750H, TM 9-1751, TM 9-1752.

Parts List: SNL G-104, Vol. XII

Manufacturer: Baldwin Locomotive Works.

Armament: One Gun, 75-mm, M2 (Tank); one Gun, 37-mm, M5 or M6; three Guns, machine, M1919A4; one Gun, submachine, cal. .45, M1928A1.

Ammunition: 50 rounds, 75-mm; 179 rounds, 37-mm; 1,200 rounds, cal. .45; 9,200 rounds, cal. .30; 14 hand grenades.

See page 101

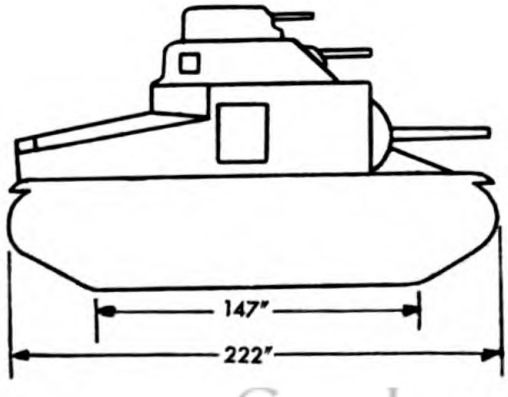


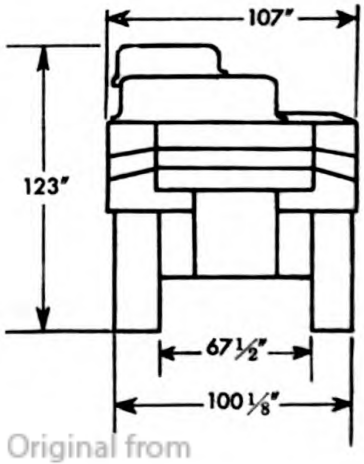
RA PD 66437

Vehicle illustrated above has welded hull.

Classification: Limited standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, MEDIUM, M3
TANK, MEDIUM, M3A1
TANK, MEDIUM, M3A2

GENERAL DATA

Crew			7
Weight	(Fighting, approx.)	(lb)	60,000
Shipping dimensions	(cu ft) 1,736	(sq ft) 169	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17 1/8
Ground pressure		(lb per sq in.)	12.75
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	175
	Oil tank	(qt)	36
	Transmission	(qt)	26
	Differential	(qt)	120
	Cooling system	Air-cooled	
Brakes (hydraulic booster on old models)		Mechanical	
Communication	Radio	Intra-tank phone	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	40
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	.75
Cruising range, average conditions					(miles)	125
Maximum allowable speed					(mph)	24
	1st	2nd	3rd	4th	5th	
Cruising speed	2	5	9	14	21	

ENGINE

Manufacturer	Continental*	Model R975-EC2	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,100
Brake horsepower			400
Ignition type		Magneto	

ADDITIONAL DATA

*Some M3 and M3A2 tanks are powered with Guiberson Diesel engines, Model T-1400, 1402 cubic inch displacement, using 50 cetane Diesel oil fuel. Weights are based on steel chevron track, T54E1.

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TANK, MEDIUM, M3A3, AND TANK, MEDIUM, M3A5

Technical Manuals: TM 9-753, TM 9-1750, TM 9-1750G, TM 9-1750H.

Parts List: SNL G-104, Vols. V and X

Manufacturer: Baldwin Locomotive Works.

Armament: One Gun, 75-mm, M2; one Gun, 37-mm, M5 and M6; three Guns, machine, cal. .30, M1919A4; one Gun, submachine, cal. .45.

Ammunition: 50 rounds, 75-mm; 179 rounds, 37-mm; 1,200 rounds, cal. .45; 9,200 rounds, cal. .30; 14 hand grenades.

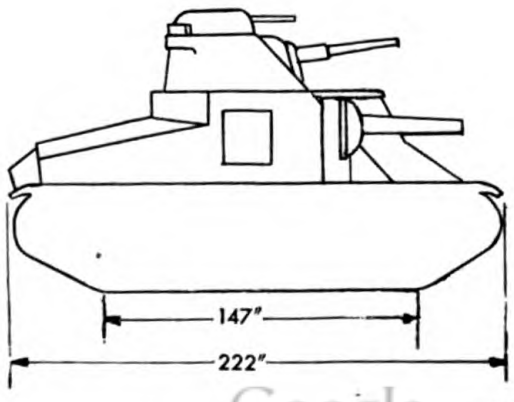


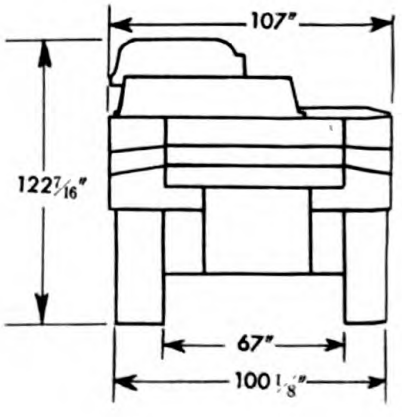
RA PD 66439

Vehicle illustrated above: Tank, medium, M3A3, welded hull.

Classification: Limited standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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TANK, MEDIUM, M3A3, AND TANK, MEDIUM, M3A5

GENERAL DATA

Crew			6
Weight—See add'l data	(Fighting)		
Shipping dimensions	(cu ft) 1,620	(sq ft) 162	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17 1/8
Ground pressure—See additional data		(lb per sq in.)	
Electrical system		(volts)	24
Capacities	Fuel, 50 cetane, Diesel fuel oil	(gal)	148
	Oil tank	(qt)	32
	Transmission and differential	(qt)	136
	Cooling system	(qt)	128
Brakes			Mechanical
Communication	Radio		Intra-tank phone

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth—See additional data					(in.)	
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	1.1
Cruising range, average conditions					(miles)	150
Maximum allowable speed					(mph)	29
	1st	2nd	3rd	4th	5th	
Cruising speed	2	6	10	16	25	

ENGINE

Manufacturer	GMC	Model 6046 series 71	
Type	Twin-Six, 2 cycle, Diesel	No. of cylinders	12
Displacement		(cu in.)	850
Governed speed		(rpm)	2,100
Brake horsepower			420
Ignition type			Compression

ADDITIONAL DATA

Weights and ground pressure based on steel chevron track T54E1.

	M3A3	M3A5
Weight	62,240	64,000
Ground pressure	13.2	13.5
Fording depth	36	40
Hull	welded	riveted

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STANDARD MILITARY MOTOR VEHICLES

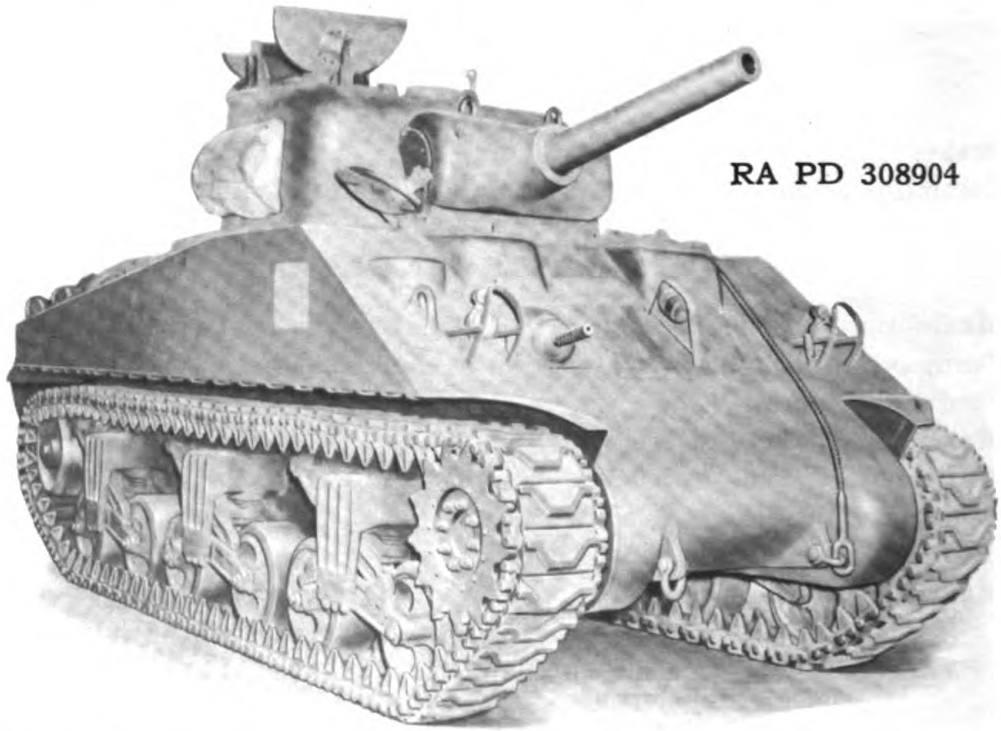
TANK, MEDIUM, M4, AND TANK, MEDIUM, M4 (105-MM HOW.)

Technical Manuals: TM 9-731A, TM 9-1730C, TM 9-1750D, TM 9-1731E, TM 9-1731G, TM 9-1731K, TM 9-1750.

Parts List: SNL G-104, Vols. VI and XIV

Manufacturers: Baldwin Locomotive Works, American Locomotive Co.; Detroit Tank Arsenal (Chrysler); Pressed Steel Car Co.; Pullman Standard Car Mfg. Co.

For Armament and Ammunition see page 554.

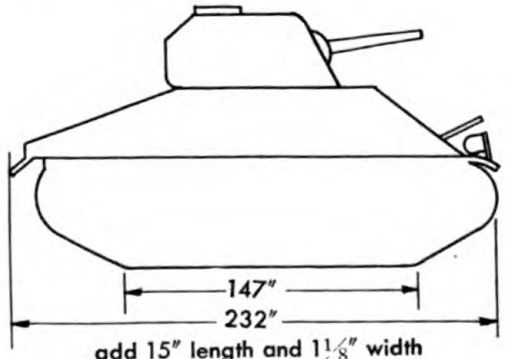


RA PD 308904

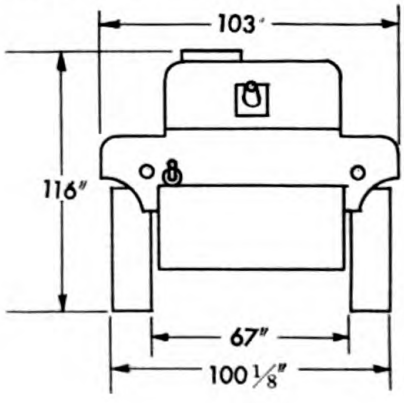
Vehicle illustrated above: Tank, medium, M4, (105-mm How.) M4 series medium tanks are commonly known as "General Sherman."

Classification: Standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.



add 15″ length and 1⅛″ width when sand shields are used.



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SECTION VI—TANKS

TANK, MEDIUM, M4, AND TANK, MEDIUM, M4 (105-MM HOW.)

GENERAL DATA

Crew			5
Weight	(Fighting), M4	(lb)	67,300
	M4 (105-mm How.)	(lb)	68,500
Shipping dimensions	(cu ft) 1,452	(sq ft) 166	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17 3/8
Ground pressure	M4	(lbs per sq in.)	13.4
	M4 (105-mm How.)	(lbs per sq in.)	13.6
Electrical system		(volts)	24
Capacities	Fuel, 80 octane, gasoline	(gal)	175
	Oil tank	(qt)	36
	Transmission and differential	(qt)	128
	Cooling system	Air cooled	
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	36
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	.75
Cruising range, average conditions					(miles)	125
Maximum allowable speed					(mph)	24
	1st	2nd	3rd	4th	5th	
Cruising speed	2	5	9	14	21	

ENGINE

Manufacturer	Continental	Model R975-C1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,400
Brake horsepower			400
Ignition type		Magneto	

ADDITIONAL DATA

Tank, medium, M4 (105-mm How.), is identical with Tank, medium, M4, except carries 105-mm howitzer, T8 instead of 75-mm gun, M3. Weights based on chevron steel track T54E1.

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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M4A1

Technical Manuals: TM 9-731A, TM 9-1730C, TM 9-1731E, TM 9-1731G, TM 9-1731K, TM 9-1750, TM 9-1750B, TM 9-1750D, TM 9-1750K.

Parts List: SNL G-104, Vol. XI

Manufacturers: Lima Locomotive Works, Inc., Pacific Car & Foundry Co., Pressed Steel Car Co.

Armament: One Gun, 75-mm, M3; one Gun, machine, cal. .50, HB, M2; two Guns, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

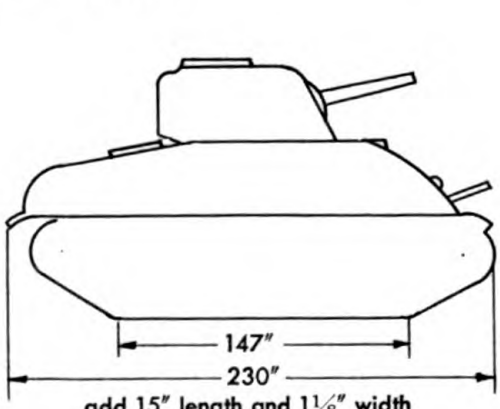
Ammunition: 90 rounds, 75-mm; 6,250 rounds, cal. .30; 600 rounds, cal. .45; 300 rounds, cal. .50; 12 hand grenades.



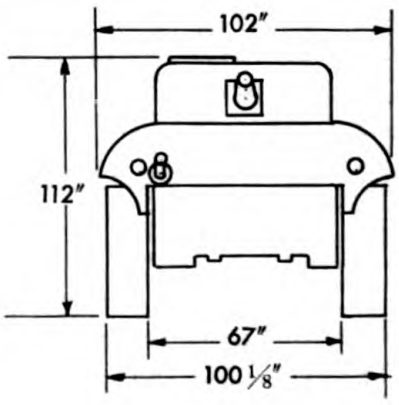
RA PD 308926

Classification: Standard

Purpose: To provide firepower, mobility and crew protection for offensive combat.



add 15″ length and 1⅛″ width when sand shields are used.



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SECTION VI—TANKS

TANK, MEDIUM, M4A1

GENERAL DATA

Crew		5
Weight	(Fighting) (lb)	67,300
Shipping dimensions	(cu ft) 1,540 (sq ft)	165
Track width	(in.)	16 9/16
Ground clearance	(in.)	17 3/8
Ground pressure	(lbs per sq in.)	13.4
Electrical system	(volts)	24
Capacities	Fuel, 80 octane gasoline (gal)	175
	Oil tank (qt)	36
	Transmission and differential (qt)	128
	Cooling system	Air-cooled
Brakes		Mechanical
Communication	Radio	Interphone

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	31
Fording depth	(in.)	36
Maximum width of ditch vehicle will cross	(in.)	72
Maximum vertical obstacle vehicle will climb	(in.)	24
Fuel consumption, average conditions	(miles per gal)	.75
Cruising range, average conditions	(miles)	125
Maximum allowable speed	(mph)	24

	1st	2nd	3rd	4th	5th
Cruising speed	2	5	9	14	21

ENGINE

Manufacturer	Continental Model R975-C1	
Type	Radial, 4 cycle Number of cylinders	9
Displacement	(cu in.)	973
Governed speed	(rpm)	2,400
Brake horsepower		400
Ignition type		Magneto

ADDITIONAL DATA

Weight based on chevron steel track T54E1.

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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M4A2

Technical Manuals: TM 9-731B, TM 9-1731F, TM 9-1731G, TM 9-1731K, TM 9-1750, TM 9-1750B, TM 9-1750G.

Parts List: SNL G-104, Vol. VII

Manufacturers: Federal Machine and Welding Co.; Fisher Tank Div., (General Motors Corp.); Pullman Standard Car Mfg. Co.

Armament: One Gun, 75-mm, M3; one Gun, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1; one Gun, machine, cal. .50, HB, M2.

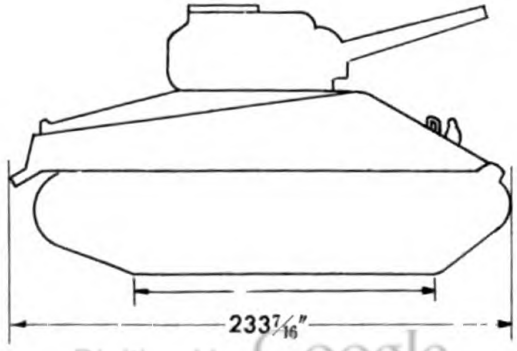
Ammunition: 97 rounds, 75-mm; 6,250 rounds, cal. .30; 600 rounds, cal. .45; 300 rounds, cal. .50; 12 hand grenades.

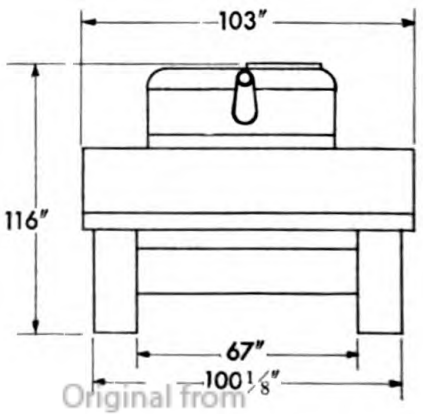


RA PD 308927

Classification: Standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, MEDIUM, M4A2

GENERAL DATA

Crew			5
Weight	(Fighting)		70,100
Shipping dimensions	(cu ft) 1,526	(sq ft) 167	
Track width		(in.)	16 9/16
Ground clearance		(in.)	18
Ground pressure		(lb per sq in.)	13.9
Electrical system		(volts)	24
Capacities	Fuel, 50 cetane, Diesel fuel oil	(gal)	148
	Oil tank	(qt)	32
	Crankcase (refill) each	(qt)	16
	Transmission and differential	(qt)	152
	Cooling system	(qt)	106
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	40
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	1.1
Cruising range, average conditions					(miles)	150
Maximum allowable speed					(mph)	29
	1st	2nd	3rd	4th	5th	
Cruising speed	2	6	10	16	25	

ENGINE

Manufacturer	GMC	Model 6046, Series 71	
Type	Twin six, 2 cycle Diesel	Number of cylinders	6
Displacement		(cu in.)	850
Governed speed		(rpm)	2,100
Brake horsepower			420
Ignition type		Compression	

ADDITIONAL DATA

Weight based on chevron steel track T54E1.

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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M4A3 AND TANK, MEDIUM, M4A3 (105-MM HOW.)

Technical Manuals: TM 9-759, TM 9-1731B, TM 9-1731C, TM 9-1731G, TM 9-1731K, TM 9-1750, TM 9-1750B.

Parts List: SNL G-104, Vols. XIII and XV

Manufacturer: Ford Motor Co.

Armament: One Gun, 75-mm, M3 or one Howitzer, 105-mm, T8; one Gun, machine, cal. .50, HB, M2; one Gun, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

Ammunition: 97 rounds, 75-mm; or 68 rounds, 105-mm; 300 rounds, cal. .50; 6,250 rounds, cal. .30; 600 rounds, cal. .45; 12 hand grenades.

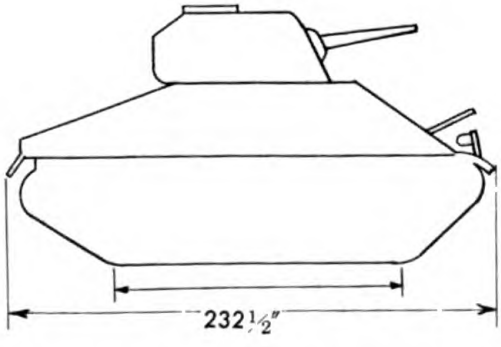


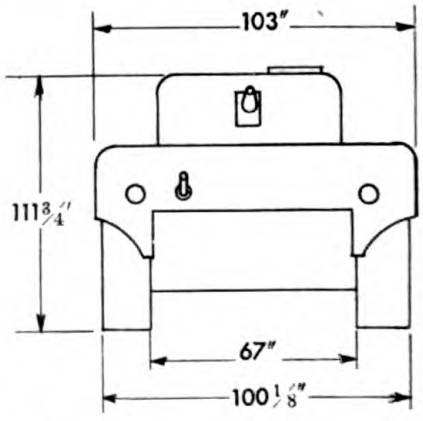
RA PD 308928

Vehicle illustrated above: Tank, medium, M4A3.

Classification: Standard

Purpose: To provide firepower, mobility and crew protection for offensive combat.





Add 15" length and 1 1/8" width when sand shields are used.

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SECTION VI—TANKS

TANK, MEDIUM, M4A3 AND TANK, MEDIUM, M4A3 (105-MM HOW.)

GENERAL DATA

Crew			5
Weight	(Fighting) M4A3	(lb)	68,400
	M4A3 (105-mm How.)	(lb)	69,600
Shipping dimensions	(cu ft) 1,530	(sq ft) 166	
Track width		(in.)	16
Ground clearance		(in.)	17 3/8
Ground pressure	M4A3	(lb per sq in.)	13.6
	M4A3 (105-mm How.)	(lb per sq in.)	13.8
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	175
	Oil tank	(qt)	32
	Transmission and differential	(qt)	128
	Cooling system	(qt)	56
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	31
Fording depth					(in.)	36
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	.8
Cruising range, average conditions					(miles)	130
Maximum allowable speed					(mph)	28
	1st	2nd	3rd	4th	5th	
Cruising speed	2	6	10	16	24	

ENGINE

Manufacturer	Ford	Model GAA-V8	
Type	V8, 4 cycle	Number of cylinders	8
Displacement		(cu in.)	1,100
Governed speed		(rpm)	2,600
Brake horsepower			500
Ignition type		Magneto	

ADDITIONAL DATA

Weights and ground pressure based on steel chevron track T54E1. Tank, medium, M4A3 (105-mm How.) is identical with Tank, medium, M4A3, except carries 105-mm howitzer, T48, instead of 75-mm gun, M3.

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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M4A4

Technical Manuals: TM 9-754, TM 9-1731E, TM 9-1731G, TM 9-1731K, TM 9-1750, TM 9-1750F, TM 9-1750J.

Parts List: SNL G-104, Vol. IX

Manufacturer: Detroit Tank Arsenal (Chrysler).

Armament: One Gun, 75-mm, M3; one Gun, machine, cal. .50, HB, M2; one Gun, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

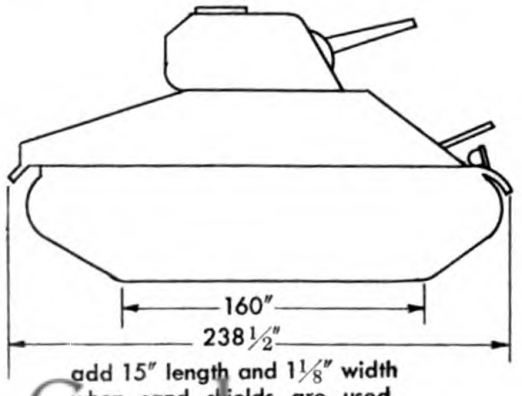
Ammunition: 97 rounds, 75-mm; 6,250 rounds, cal. .30; 600 rounds, cal. .45; 300 rounds, cal. .50; 12 hand grenades.

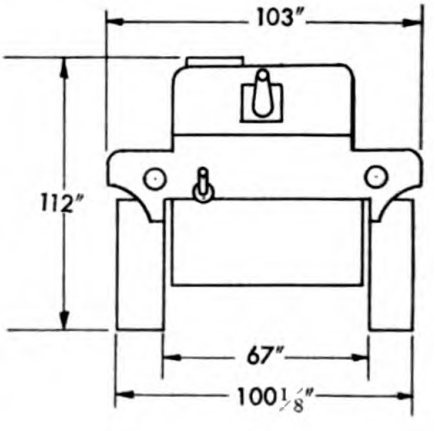


RA PD 308909

Classification: Standard

Purpose: To provide firepower, mobility and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, MEDIUM, M4A4

GENERAL DATA

Crew			5
Weight	(Fighting)	(lb)	71,900
Shipping dimensions	(cu ft) 1,529	(sq ft) 170	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17 1/8
Ground pressure		(lb per sq in.)	13.3
Electrical system		(volts)	24
Capacities	Fuel, 70 octane gasoline	(gal)	140
	Oil tank	(qt)	32
	Transmission and differential	(qt)	152
	Cooling system	(qt)	128
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability					(percent)	60
Turning radius					(ft)	35
Fording depth					(in.)	42
Maximum width of ditch vehicle will cross					(in.)	78
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	.6
Cruising range, average conditions					(miles)	80
Maximum allowable speed					(mph)	23
	1st	2nd	3rd	4th	5th	
Cruising speed	2	5	9	14	20	

ENGINE

Manufacturer	Chrysler	Model A-57	
Type	Multi-bank, 4 cycle	Number of cylinders	30
Displacement		(cu in.)	1,253
Governed speed (no load)		(rpm)	2,600
Brake horsepower			460
Ignition type		Battery	

ADDITIONAL DATA

Weight based on steel chevron track T54E1.

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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M4A6

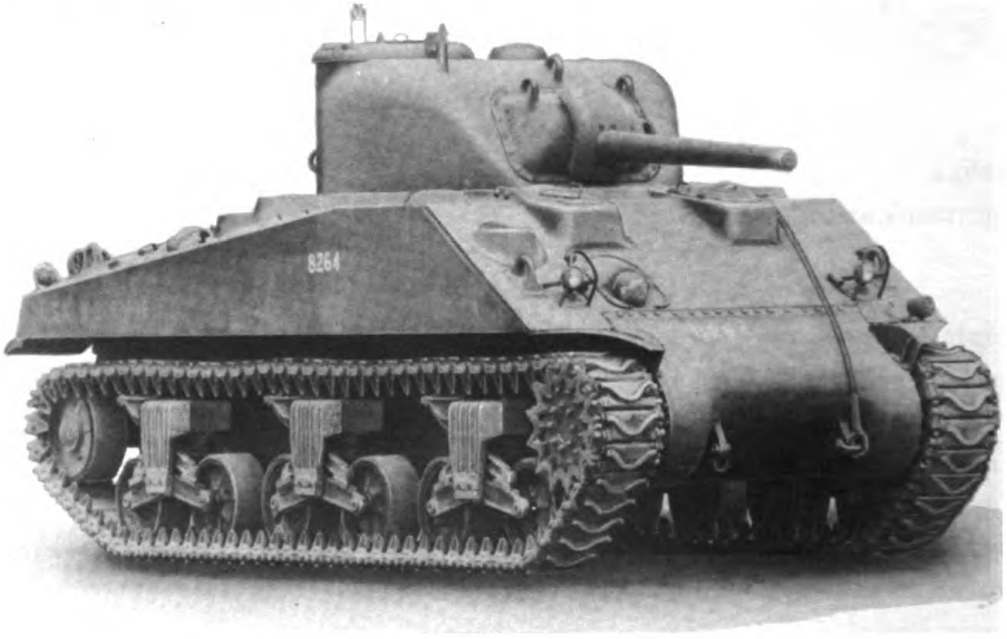
Technical Manuals: TM 9-1731G, TM 9-1731K, TM 9-1750, TM 9-1750B, TM 9-1750K.

Parts List: SNL G-104, Vol. XIII

Manufacturer: Detroit Tank Arsenal (Chrysler).

Armament: One Gun, 75-mm, M3; one Gun, machine, cal. .50, HB, M2; one Gun, machine, cal. .30, M1919A4 (flexible); one Gun, submachine, cal. .45, M1928A1.

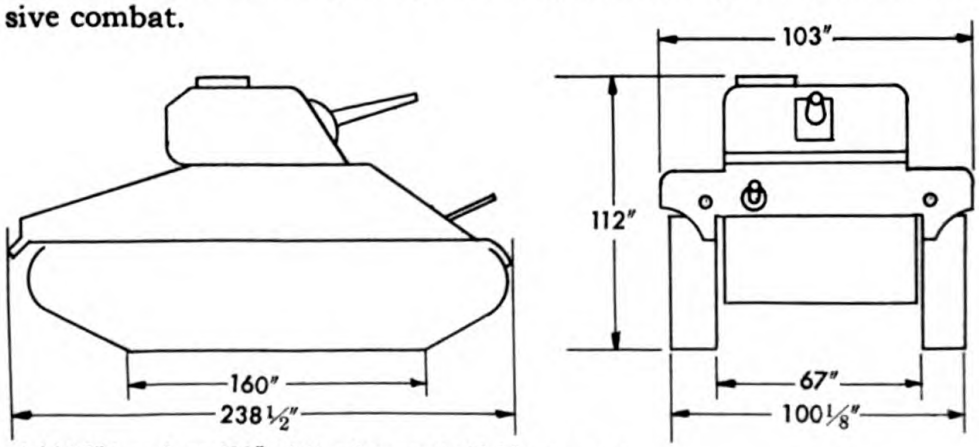
Ammunition: 97 rounds, 75-mm; 300 rounds, cal. .50; 600 rounds, cal. .45; 6,250 rounds, cal. .30; 12 hand grenades.



RA PD 308925

Classification:

Purpose: To provide firepower, mobility, and crew protection for offensive combat.



Add 15″ length and 18″ width when sand shields are used.

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SECTION VI—TANKS

TANK, MEDIUM, M4A6

GENERAL DATA

Crew			5
Weight	(Fighting)	(lb)	68,900
Shipping dimensions	(cu ft) 1,529	(sq ft) 170	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17 1/8
Ground pressure		(lbs per sq in.)	12.7
Electrical system		(volts)	24
Capacities	Fuel, 50 cetane, Diesel fuel oil	(gal)	140
	Oil tank	(qt)	60
	Transmission and differential	(qt)	152
	Cooling system	Air-cooled	
Brakes		Mechanical	
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius		(ft)	35
Fording depth		(in.)	42
Maximum width of ditch vehicle will cross		(in.)	78
Maximum vertical obstacle vehicle will climb		(in.)	24
Fuel consumption, average conditions		(miles per gal)	.8
Cruising range, average conditions		(miles)	
Maximum allowable speed		(mph)	30

	1st	2nd	3rd	4th	5th
Cruising speed	3	6	11	18	27

ENGINE

Manufacturer	Caterpillar	Model RD1820	
Type	Radial, 4 cycle, Diesel	No. of cylinders	9
Displacement		(cu in.)	1,820
Governed speed		(rpm)	2,000
Brake horsepower			450
Ignition type		Compression	

ADDITIONAL DATA

Weight based on chevron steel track T54E1.

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STANDARD MILITARY MOTOR VEHICLES

TANK, MEDIUM, M4E6

Technical Manuals: Parts List:

Manufacturer: Pullman Standard Car Mfg. Co.

Armament: One Gun, 76-mm, M3; one Gun, machine, cal. .50, HB, M2; two Guns, machine, cal. .30, M1919A4; one Gun, submachine, cal. .45, M1928A1.

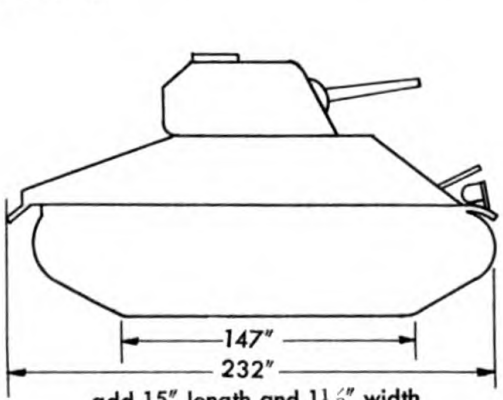
Ammunition: 56 rounds, 76-mm; 5,000 rounds, cal. .30; 300 rounds, cal. .50; 600 rounds, cal. .45; 12 grenades.



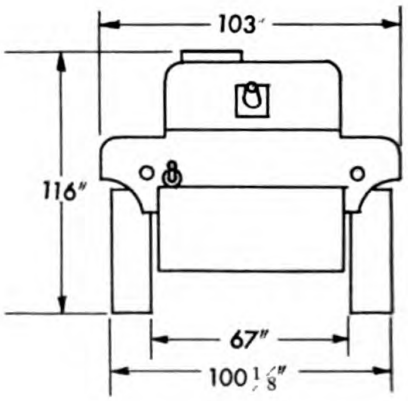
RA PD 308987

Classification: None

Purpose: To provide firepower, mobility and crew protection for offensive combat.



add 15″ length and 1⅛″ width when sand shields are used.



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TANK, MEDIUM, M4E6

GENERAL DATA

Crew			5
Weight	(Fighting)	(lb)	
Shipping dimensions	(cu ft)	(sq ft)	
Track width		(in.)	16 9/16
Ground clearance		(in.)	17 3/8
Ground pressure		(lbs per sq in.)	
Electrical system		(volts)	24
Capacities	Fuel, 80 octane, gasoline	(gal)	175
	Oil tank	(qt)	36
	Transmission and differential	(qt)	128
	Cooling system	Air-cooled	
Brakes		Mechanical	
Communication	Radio	Intra-tank phone	

PERFORMANCE

Maximum gradability					(percent)	27
Turning radius					(ft)	35
Fording depth					(in.)	36
Maximum width of ditch vehicle will cross					(in.)	72
Maximum vertical obstacle vehicle will climb					(in.)	24
Fuel consumption, average conditions					(miles per gal)	
Cruising range, average conditions					(miles)	
Maximum allowable speed					(mph)	24
	1st	2nd	3rd	4th	5th	
Cruising speed	2	5	9	14	21	

ENGINE

Manufacturer	Continental	Model R-975-C1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,400
Brake horsepower			400
Ignition type		Magneto	

ADDITIONAL DATA

Weight based on chevron steel track, T54E1.

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TANK, HEAVY, M6

Technical Manual: TM 9-721 Parts List: SNL G-118, Vol. I

Manufacturer: Baldwin Locomotive Works

Armament: One Gun, 3-in., M7; one Gun, 37-mm, M6; two Guns, machine, cal. .50 HB, M2; two Guns, machine, cal. .30, M1919A4 (flexible); two Guns, submachine, cal. .45, M1928A1.

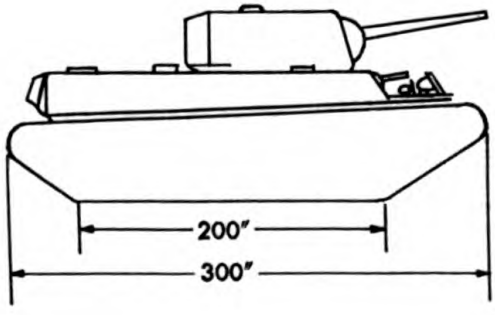
Ammunition: 75 rounds, 3-in.; 202 rounds, 37-mm; 5,200 rounds, cal. .50; 1,260 rounds, cal. .45; 7,500 rounds, cal. .30; 12 hand grenades.

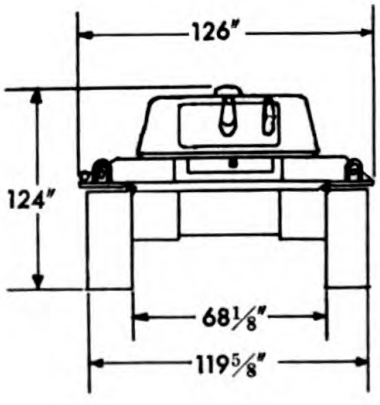


RA PD 66457

Classification: Standard

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, HEAVY, M6

GENERAL DATA

Crew			6
Weight	(Fighting)	(lb)	120,000
Shipping dimensions	(cu ft) 2,442	(sq ft) 244	
Track width		(in.)	25¾
Ground clearance		(in.)	20½
Ground pressure		(lbs per sq in.)	12.5
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	322
	Oil tank	(qt)	98
	Torque converter	(gal)	26
	Converter reduction	(qt)	8-10
	Transmission and differential	(qt)	168
	Cooling system	Air-cooled	
Brakes	Hydraulic—mechanical (Budd disk)		
Communication	Radio	Intra-tank phone	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	28
Fording depth	(in.)	36
Maximum width of ditch vehicle will cross	(in.)	132
Maximum vertical obstacle vehicle will climb	(in.)	42
Fuel consumption, average conditions	(miles per gal)	.3
Cruising range, average conditions	(miles)	100
Maximum allowable speed	(mph)	23

ENGINE

Manufacturer	Wright	Model G-200	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	1,823
Governed speed		(rpm)	2,300
Brake horsepower			775
Ignition type		Magneto	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TANK, HEAVY, T1E1

Technical Manuals: Parts List: SNL G-118, Vol. III

Manufacturer: Baldwin Locomotive Works

Armament: One Gun, 3-in., M7; one Gun, 37-mm, M6; two Guns, machine, cal. .50 HB, M2; two Guns, machine, cal. .30, M1919A4 (flexible); two Guns, submachine, cal. .45, M1928A1.

Ammunition: 75 rounds, 3-in.; 202 rounds, 37-mm; 5,200 rounds, cal. .50; 1,260 rounds, cal. .45; 7,500 rounds, cal. .30; 12 hand grenades.

Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	334
	Oil tank	(qt)	98
	Transmission and differential	(qt)	168
	Torque converter	(gal)	26
	Converter reduction	(qt)	8-10
	Cooling system	Air-cooled	
Brakes	Hydraulic—mechanical (Budd Disk)		
Communication	Radio	Intra-tank phone	

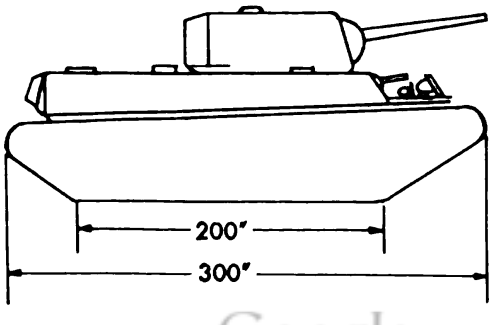
PERFORMANCE

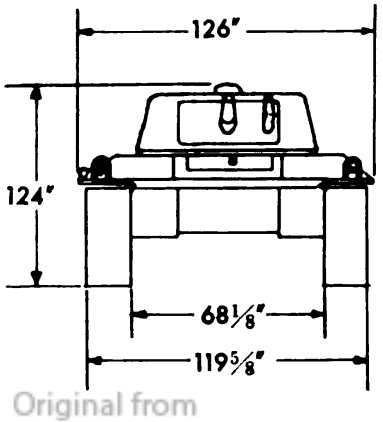
Maximum gradability	(percent)	60
Turning radius	(ft)	28
Fording depth	(in.)	36
Maximum width of ditch vehicle will cross	(in.)	132
Maximum vertical obstacle vehicle will climb	(in.)	42
Fuel consumption, average conditions	(miles per gal)	.3
Cruising range, average conditions	(miles)	100
Maximum allowable speed	(mph)	23

RA PD 309125

Classification:

Purpose: To provide firepower, mobility, and crew protection for offensive combat.





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SECTION VI—TANKS

TANK, HEAVY, T1E1

GENERAL DATA

Crew			6
Weight	Gross	(approx.) (lb)	120,000
Shipping dimensions	(cu ft) 2,442	(sq ft) 244	
Track width		(in.)	25¾
Ground clearance		(in.)	20½
Ground pressure		(lbs per sq in.)	12.5
Electrical system		(volts)	24
Capacities	Fuel, 80 octane gasoline	(gal)	322
	Oil tank	(qt)	98
	Cooling system	Air cooled	
Brakes	Electric control, mechanical parking		
Communication	Radio	Interphone	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius		On axis
Fording depth	(in.)	36
Maximum width of ditch vehicle will cross	(in.)	132
Maximum vertical obstacle vehicle will climb	(in.)	42
Fuel consumption, average conditions	(miles per gal)	.3
Cruising range, average conditions	(miles)	100
Maximum allowable speed	(mph)	22

ENGINE

Manufacturer	Wright	Model G-200	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	1,823
Governed speed		(rpm)	1,950
Brake horsepower			775
Ignition type		Magneto	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

VEHICLE, TANK RECOVERY, T-2

Technical Manuals: TM 9-739, TM 9-1739. Parts List: SNL G-169

Manufacturer: Baldwin Locomotive Works.

Armament: Two Guns, machine, cal. .30, M1919A4.

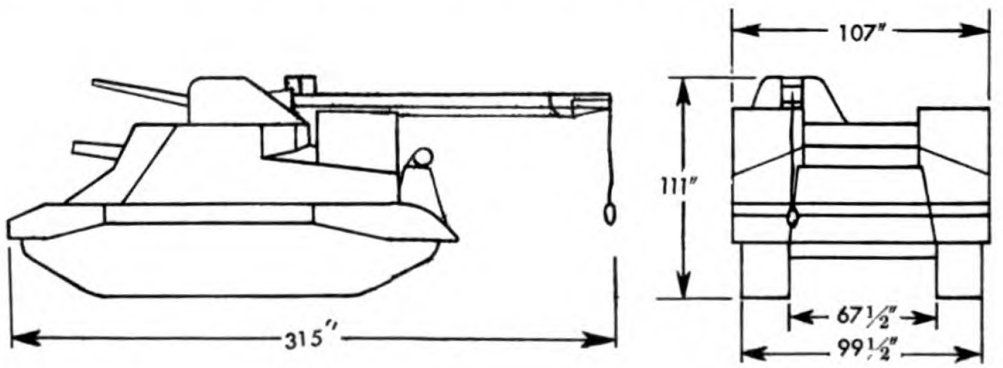
Ammunition: 2,000 rounds, cal. .30; 14 hand grenades; 3 smoke pots.



RA PD 66694

Classification: None

Purpose: To recover tanks disabled on battlefield.



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SECTION VII—TANK TRANSPORT AND RECOVERY VEHICLES

VEHICLE, TANK RECOVERY, T-2

GENERAL DATA

Crew			6
Weight	Net (w/o armament fuel and crew)	(lb)	65,620
Shipping dimensions, w/o crane mounted (cu ft) 1736 (sq ft) 169			
Track width		(in.)	16 9/16
Ground clearance		(in.)	15
Ground pressure: (fully equipped)		(lbs per sq in.)	12.5
Electrical system		(volts)	12
Capacities	Fuel, 80 octane gsoline	(gal)	175
	Cooling system	Air cooled	
	Oil tank	(qt)	36
	Transmission and differential	(qt)	144
Brakes		Mechanical	

PERFORMANCE

Maximum gradability	(percent)	35
Turning radius	(ft)	35
Fording depth	(in.)	42
Maximum width of ditch vehicle will cross	(in.)	72
Maximum vertical obstacle vehicle will climb	(in.)	24
Fuel consumption, average conditions	(miles per gal)	.75
Cruising range, average conditions	(miles)	100
Maximum allowable speed	(mph)	25

	1st	2nd	3rd	4th	5th
Cruising speed	2	5	9	14	21

ENGINE

Manufacturer	Continental	Model R-975-C1	
Type	Radial, 4 cycle	Number of cylinders	9
Displacement		(cu in.)	973
Governed speed		(rpm)	2,100
Brake horsepower			400

ADDITIONAL DATA

Winch capacity	(lb)	60,000
Basic chassis	Medium Tank M3	

*Some Models are powered with two General Motors, Diesel engines, Series 71, Model 6046. 375 Brake horsepower (both engines) using Diesel fuel oil of 50 cetane.

Power operated crane mounted on turret.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK-TRAILER, 45-TON, TANK TRANSPORTER, M19
TRUCK, 12-TON, 6 x 4, M20

Technical Manuals: TM 10-1225. Parts List: SNL G-159

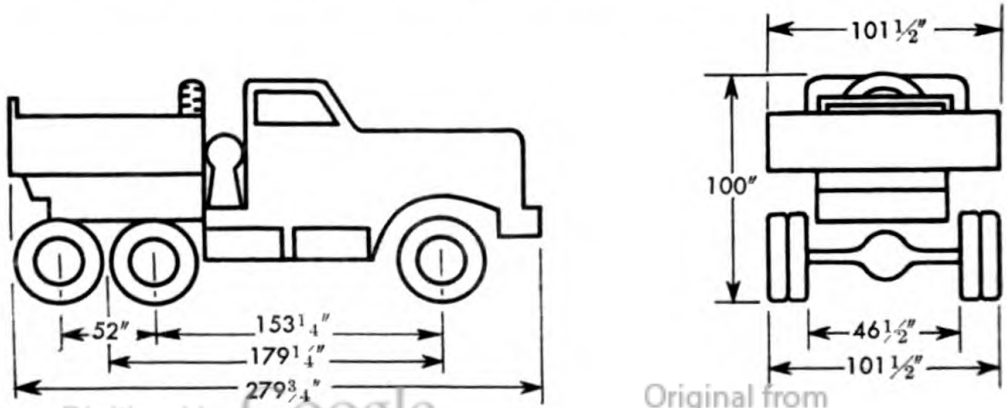
Manufacturer: Diamond T Motor Car Co., Model 980-981



RA PD 66686

Classification: Limited standard

Purpose: To recover and transport damaged tanks and materiel weighing up to 90,000 pounds in connection with Trailer, 45-ton, 12-wheel, M9, component of 45-ton tank transporter truck-trailer, M19.



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SECTION VII—TANK TRANSPORT AND RECOVERY VEHICLES

TRUCK-TRAILER, 45-TON, TANK TRANSPORTER, M19
TRUCK, 12-TON, 6 x 4, M20

GENERAL DATA

Crew			2
Weight	Net	(lb)	26,600
	Payload	(lb)	18,400
	Gross	(lb)	45,000
Shipping dimensions	(cu ft) 1,620	(sq ft) 194	
Tires	Ply . . . 14	Size . . . 12.00 x 20	
Tread, center to center (in.)	Front 75 7/8	Rear 74	
Ground clearance		(in.)	11 1/8
Electrical system		(volts)	6
Capacities	Fuel, 50 cetane Diesel fuel oil	(gal)	150
	Cooling system	(qt)	61
	Crankcase (refill)	(qt)	26
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	25
Turning radius (ft)	Right 32 1/2 — Left 36	
Fording depth	(in.)	32
Angle of approach	(deg)	40 1/2
Angle of departure	(deg)	51
Fuel consumption, average conditions, with towed load	(miles per gal)	2
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	22
Number of speeds forward		5

ENGINE

Manufacturer	Hercules	Model DFXE	
Type	Diesel, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	893
Governed speed		(rpm)	1,600
Brake horsepower			
Ignition type			Compression

ADDITIONAL DATA

Winch capacity	(lb)	40,000

Was equipped with open cab and provision for truck mount M36 for antiaircraft machine gun after August 1943.

Winch mounted in center.

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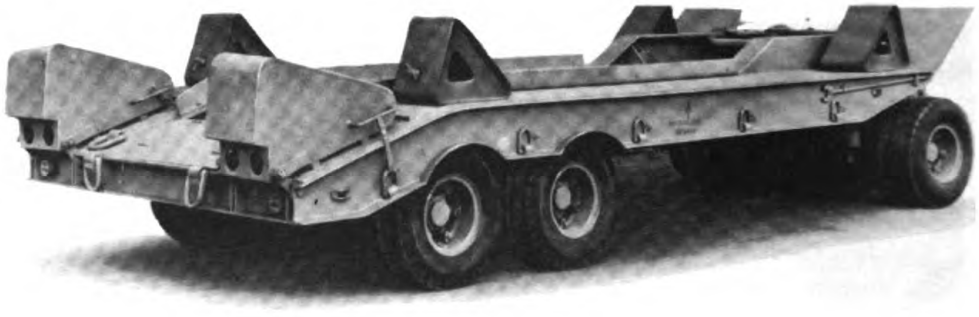
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STANDARD MILITARY MOTOR VEHICLES

TRUCK-TRAILER, 45-TON, TANK TRANSPORTER, M19
TRAILER, 45-TON, 12-WHEEL, M9

Technical Manuals: TM 10-1242. Parts List: SNL G-159

Manufacturers: Fruehauf Trailer Co.; Pointer Willamette Co.; Rogers Brothers; Winter-Weiss Co.

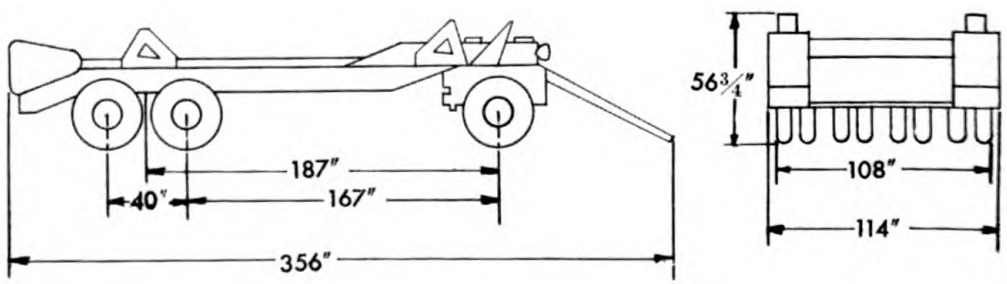


RA PD 308935

Vehicle illustrated above: Fruehauf Trailer Co.

Classification: Limited standard

Purpose: To recover and transport damaged tanks and materiel weighing up to 90,000 pounds in connection with truck M20, component of 45-ton tank transporter truck-trailer, M19.



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SECTION VII—TANK TRANSPORT AND RECOVERY VEHICLES

TRUCK-TRAILER, 45-TON, TANK TRANSPORTER, M19
TRAILER, 45-TON, 12-WHEEL, M9

GENERAL DATA

Body type			Tank recovery
Weight	Net	(lb)	22,000
	Payload	(lb)	90,000
	Gross	(lb)	112,000
Loading height, loaded		(in.)	39
Ground clearance		(in.)	12
Tires	Operating		24
	Spares		2
	Ply		14
	Size		8.25 x 15
Brakes			Air
Towing tractor			Truck, 12-ton, 6 x 4, M20
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK-TRAILER, 40-TON, TANK RECOVERY, M25
TRUCK-TRACTOR, M26

Technical Manuals: TM 9-767, TM 9-1767, TM 9-1767A, TM 9-1767B, TM 9-1767C.

Parts List: SNL G-160

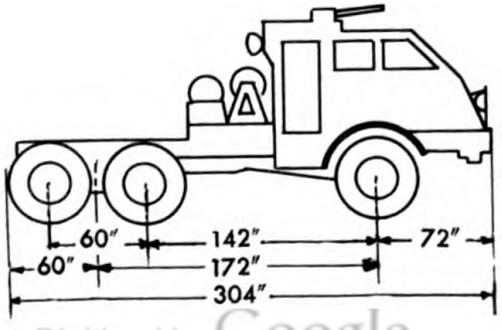
Manufacturer: Pacific Car and Foundry Co.

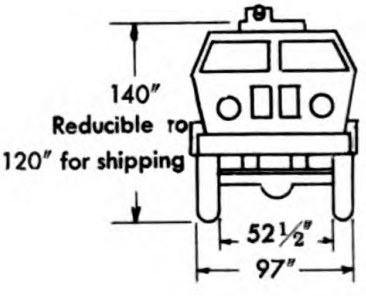


RA PD 308932

Classification: Standard

Purpose: To recover and transport damaged tanks and materiel weighing up to 80,000 pounds in connection with semitrailer M15, component of 40-ton tank recovery truck-trailer M25.





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SECTION VII—TANK TRANSPORT AND RECOVERY VEHICLES

TRUCK-TRAILER, 40-TON, TANK RECOVERY, M25
TRUCK-TRACTOR, M26

GENERAL DATA

Crew			7
Weight	Net	(lb)	48,000
	Fifth wheel load	(lb)	55,000
	Gross	(lb)	103,000
	Semitrailer maximum gross	(lb)	116,300
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply (combat) 20	(desert) 14	Size . . . 14.00 x 24
Tread, center to center (in.)	Front 82		Rear 98
Ground clearance		(in.)	14½
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	120
	Cooling system	(qt)	58
	Crankcase	(qt)	
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	30
Turning radius	(ft)	46
Fording depth	(in.)	42
Angle of approach	(deg)	32½
Fuel consumption, average conditions	(miles per gal)	2.2
Cruising range, average conditions	(miles)	265
Maximum allowable speed	(mph)	28
Number of speeds forward		12

ENGINE

Manufacturer	Hall-Scott		Model 440
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	1,090
Governed speed		(rpm)	2,100
Brake horsepower			270
Ignition type			Battery

ADDITIONAL DATA

Winch capacity (lb)	Front 35,000	Rear (2) each 60,000	

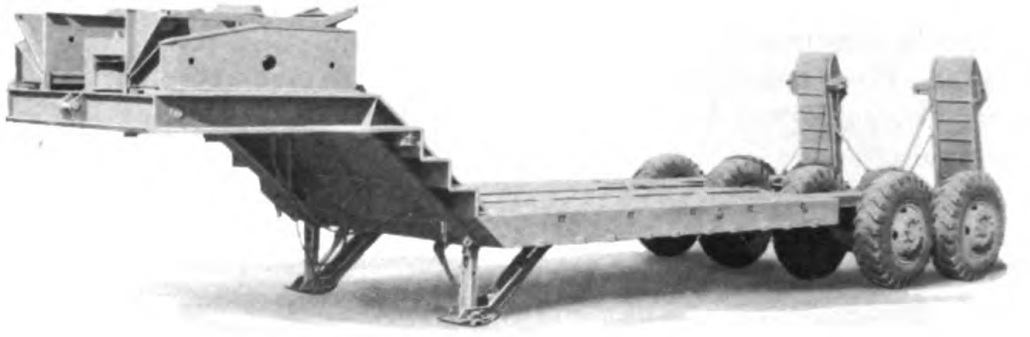
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STANDARD MILITARY MOTOR VEHICLES

TRUCK-TRAILER, 40-TON, TANK RECOVERY, M25
SEMITRAILER, M15

Technical Manuals: TM 9-767, TM 9-1767D. Parts List: SNL G-160

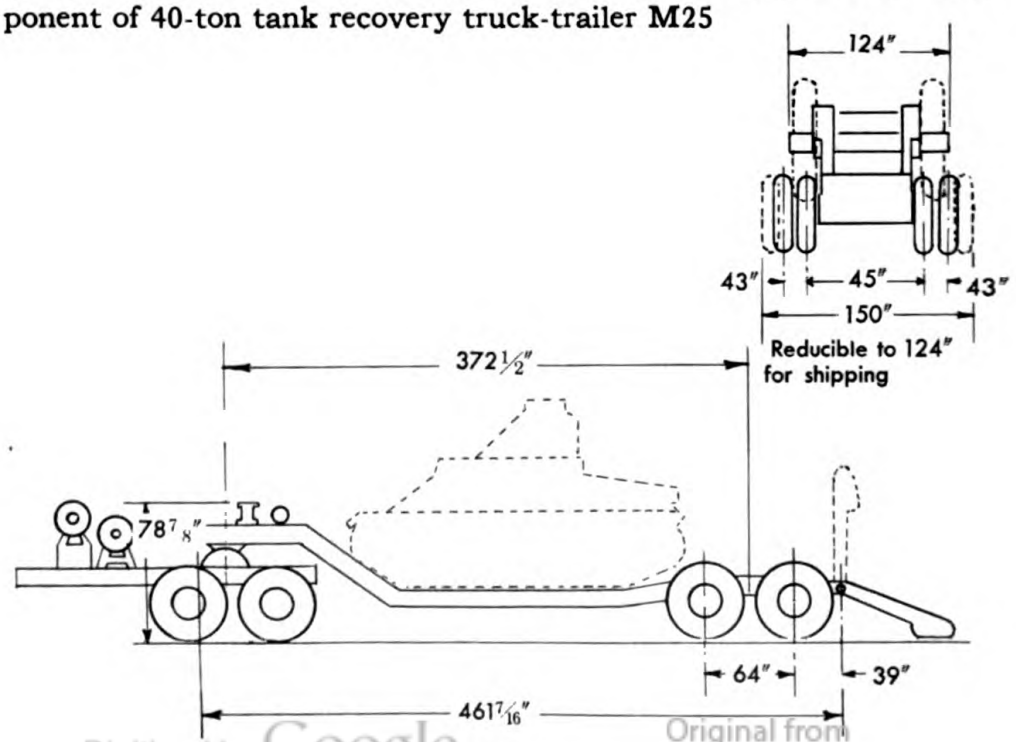
Manufacturer: Fruehauf Trailer Co.



RA PD 308912

Classification: Standard

Purpose: To recover and transport damaged tanks and materiel weighing up to 80,000 pounds in connection with truck-tractor M26. Component of 40-ton tank recovery truck-trailer M25



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TRUCK-TRAILER, 40-TON, TANK RECOVERY, M25
SEMITRAILER, M15

GENERAL DATA

Body type			Low-bed platform
Trailer weight	Net	(lb)	36,300
	Payload	(lb)	80,000
	Gross	(lb)	116,300
Loading height		(in.)	40½
Tires	Operating		8
	Ply . . . (combat) 20 . . . (desert) . . . 14		
	Size		14.00 x 24
Tread	(reducible to 124 inches)	(in.)	131
Brakes			Air
Towing tractor			Truck-tractor M26
Ground clearance, under bed		(in.)	28

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, ¼-TON, 4 x 4

Technical Manuals: Willys-Overland, TM 10-1103, TM 10-1513.
Ford, TM 10-1101 (C1), TM 10-1349.

Parts List: SNL G-503

Manufacturers: Willys-Overland Motors, Inc.; Ford Motor Co.

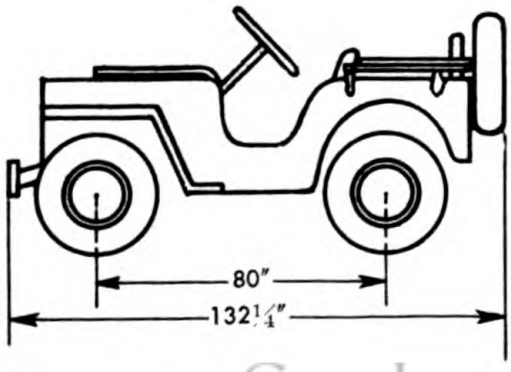


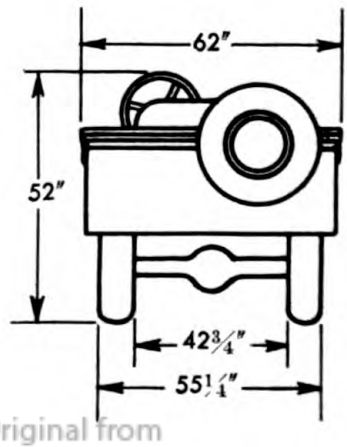
RA PD 66539

Vehicle illustrated above: Willys-Overland

Classification: Standard

Purpose: To carry personnel, primarily for reconnaissance; to transport light cargo; to tow 37-mm antitank gun. (Popularly known as "THE JEEP").





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SECTION VIII—TRUCKS

TRUCK, ¼-TON, 4 x 4

GENERAL DATA

Crew, operating 2	Passenger capacity, including crew		5
Weight	Net	(lb)	2,453
	Payload	(lb)	800
	Gross	(lb)	3,253
Shipping dimensions	(cu ft) 331	(sq ft) 57	
Tires	Ply . . . 6	Size . . . 6.00 x 16	
Ground clearance		(in.)	8¾
Tread, center to center		(in.)	49
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	15
	Cooling system	(qt)	11
	Crankcase (refill)	(qt)	5
Brakes	Hydraulic (Bendix)		

PERFORMANCE

Maximum gradability		(percent)	60
Turning radius (ft)	Right 17	Left 18½	
Fording depth		(in.)	18
Angle of approach		(deg)	45
Angle of departure		(deg)	35
Fuel consumption, average conditions		(miles per gal)	20
Cruising range, average conditions		(miles)	300
Maximum allowable speed		(mph)	65
Number of speeds forward, with transfer case			6

ENGINE

Manufacturer	Willys-Overland	Model MB	
Type	In-line, 4 cycle	Number of cylinders	4
Displacement		(cu in.)	134.2
Governed speed	Not governed		
Brake horsepower			60
Ignition	Battery		

ADDITIONAL DATA

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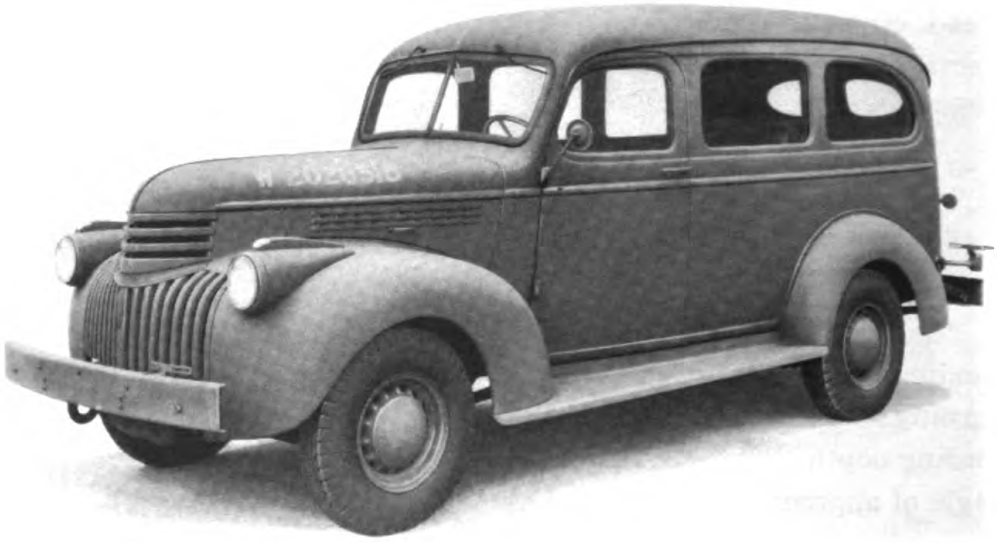
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARRYALL, ½-TON, 4 x 2

Technical Manuals: Chevrolet, TM 10-1305, TM 10-1247. Dodge, TM 10-1155, TM 10-1379.

Parts Lists: SNL G-612 (Chev.) SNL G-613 (Dodge)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Dodge Brothers Corp. (Div. of Chrysler Corp.).

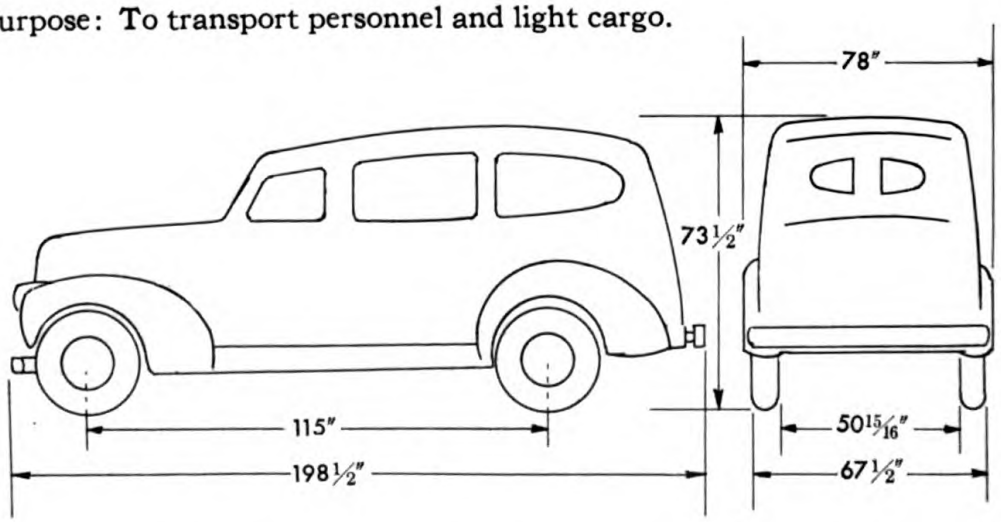


RA PD 308916

Vehicle illustrated above: Chevrolet.

Classification: Standard

Purpose: To transport personnel and light cargo.



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SECTION VIII—TRUCKS

TRUCK, CARRYALL, ½-TON, 4 x 2

Tread, center to center (in.) Front 56½ ..... Rear 59¼

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,625
	Payload	(lb)	1,000
	Gross	(lb)	4,625
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 6	Size . . . 7.50 x 15	
Ground clearance		(in.)	8½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	16
	Cooling system	(qt)	
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	32
Turning radius (ft)	Right 19½ ..... Left 20	
Fording depth	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	11
Cruising range, average conditions	(miles)	176
Maximum allowable speed	(mph)	
Number of speeds forward		3

ENGINE

Manufacturer	Chevrolet	Model 1942	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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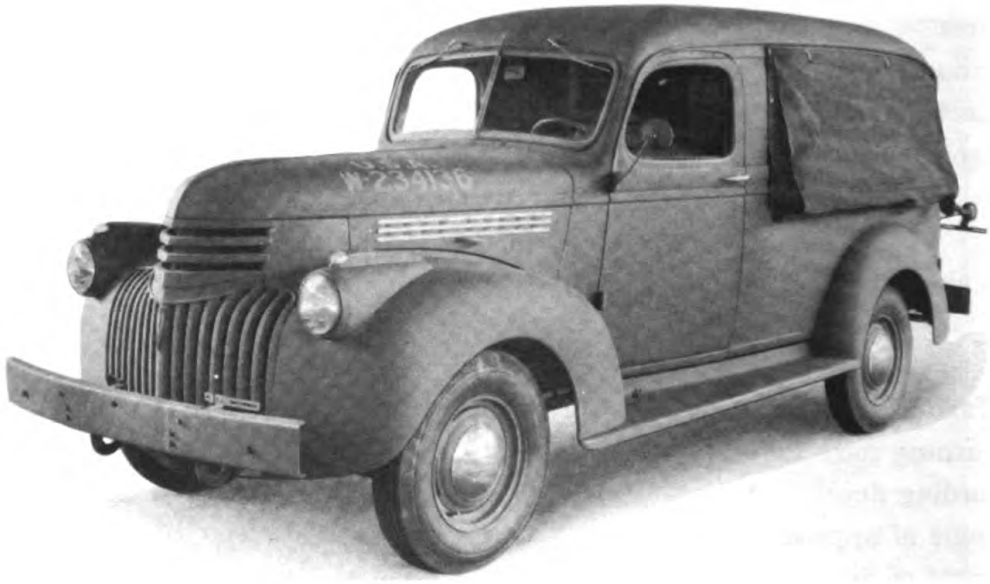
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CANOPY EXPRESS, ½-TON, 4 x 2

Technical Manual: TM 10-1465. Parts List: SNL G-612

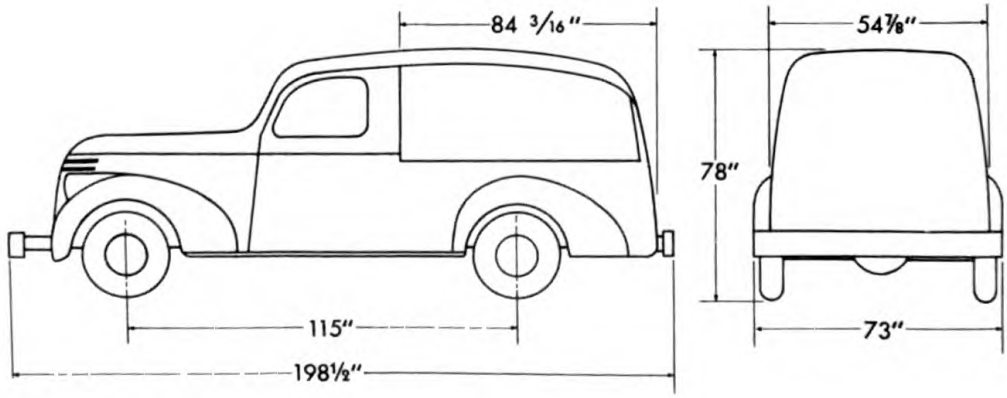
Manufacturer: Chevrolet Motor Div. (General Motors Corp.).



RA PD 309122

Classification: Standard

Purpose: To transport light cargo.



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SECTION VIII—TRUCKS

TRUCK, CANOPY EXPRESS, ½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,395
	Payload	(lb)	1,000
	Gross	(lb)	4,395
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 6	Size . . . 6.50 x 16	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	16
	Cooling system	(qt)	14
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	
Turning radius (ft)	Right 19½	Left 20	
Fording depth		(in.)	
Angle of approach		(deg)	
Angle of departure		(deg)	
Fuel consumption, average conditions		(miles per gal)	11
Cruising range, average conditions		(miles)	176
Maximum allowable speed		(mph)	
Number of speeds forward			

ENGINE

Manufacturer	Chevrolet	Model 1942 BD 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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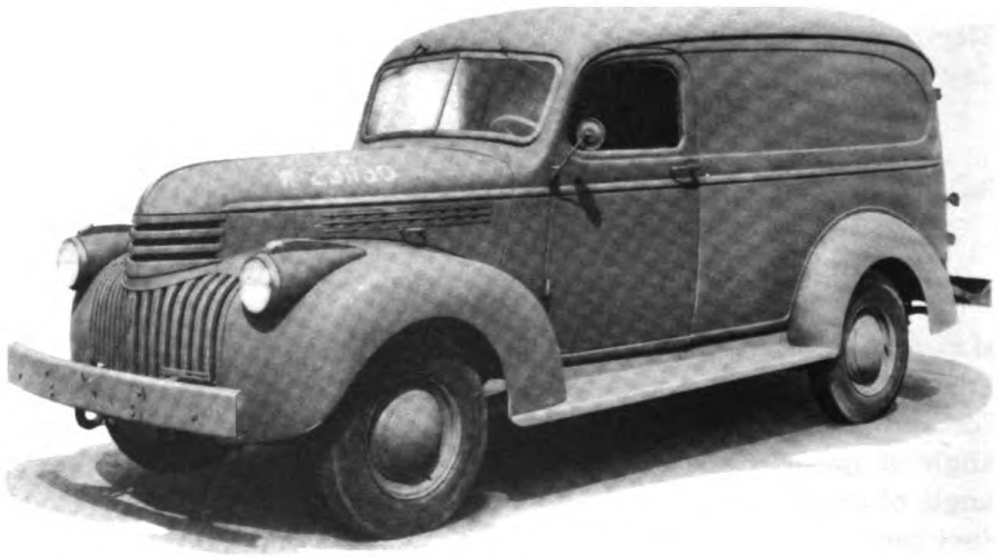
STANDARD MILITARY MOTOR VEHICLES

TRUCK, PANEL DELIVERY, ½-TON, 4 x 2

Technical Manuals: Chevrolet, TM 10-1305, TM 10-1165, TM 10-1465.
Dodge, TM 10-1155, TM 10-1379.

Parts Lists: SNL G-612 (Chev.)
SNL G-613 (Dodge)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Dodge Brothers Corp. (Div. of Chrysler Corp.)

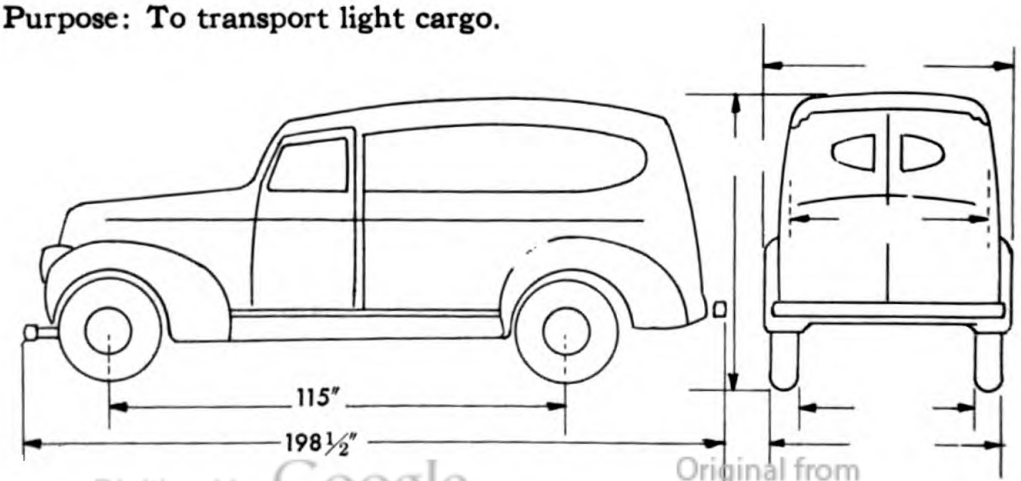


RA PD 308915

Vehicle illustrated above: Chevrolet

Classification: Standard

Purpose: To transport light cargo.



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SECTION VIII—TRUCKS

TRUCK, PICKUP, ½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,385
	Payload	(lb)	1,000
	Gross	(lb)	4,385
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 6	Size . . . 7.50 x 16	
Tread, center to center (in.)	Front 56½	Rear 59¼	
Ground clearance		(in.)	8½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	14
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	33½
Turning radius (ft)	Right 19½	Left 20	
Fording depth		(in.)	
Angle of approach		(deg)	
Angle of departure		(deg)	
Fuel consumption, average conditions		(miles per gal)	11
Cruising range, average conditions		(miles)	198
Maximum allowable speed		(mph)	
Number of speeds forward			3

ENGINE

Manufacturer	Chevrolet	Model 1942 BD 1,000 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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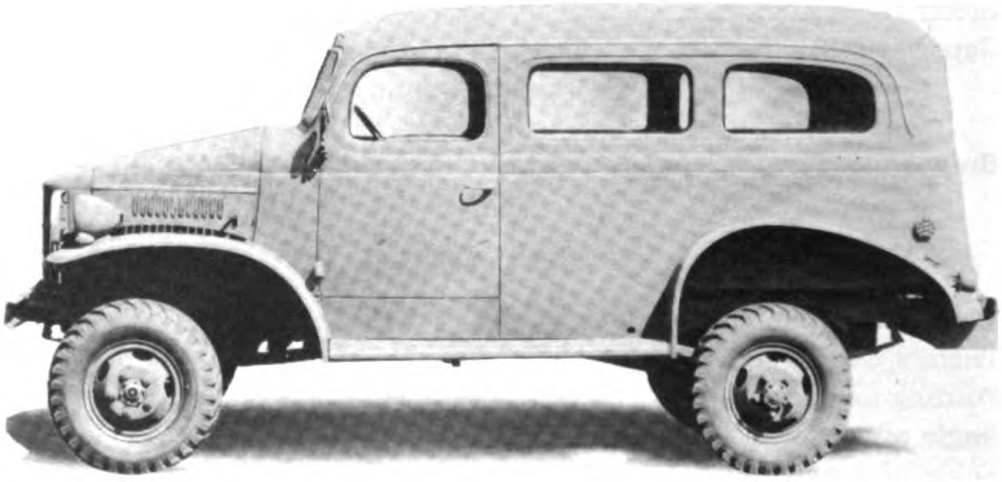
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARRYALL, ½-TON, 4 x 4

Technical Manuals: TM 10-1181,
TM 10-1123 (C1),
TM 10-1201 (C1),
TM 10-1153, TM 10-1443.

Parts List: SNL G-505

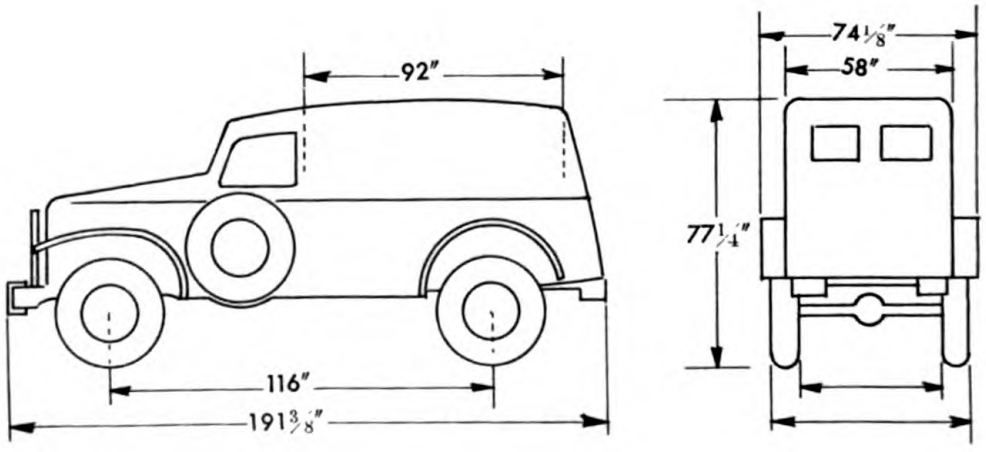
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



Classification: Limited standard

RA PD 309091

Purpose: To transport light cargo.



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SECTION VIII—TRUCKS

TRUCK, CARRYALL, ½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,595
	Payload	(lb)	1,000
	Gross	(lb)	4,595
Shipping dimensions	(cu ft) 673	(sq ft) 96	
Tires	Ply . . . 8	Size . . . 7.50 x 16	
Ground clearance		(in.)	9
Tread, center to center (in.)	Front 59 3/8	Rear 61 3/8	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	64
Turning radius (ft)	Right 19	Left 24 1/4
Fording depth	(in.)	
Angle of approach	(deg)	62 1/2
Angle of departure	(deg)	31 1/2
Fuel consumption, average conditions	(miles per gal)	13
Cruising range, average conditions	(miles)	235
Maximum allowable speed	(mph)	
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Model T-112	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement	(cu in.)		217.7
Governed speed	(rpm)		1,200-1,900
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMMAND RECONNAISSANCE, ½-TON, 4 x 4

Technical Manuals: TM 10-1181, TM 10-1195, TM 10-1211, TM 10-1123 (C1), TM 10-1201 (C1), TM 10-1153, TM 10-1209, TM 10-1443.

Parts List: SNL G-505

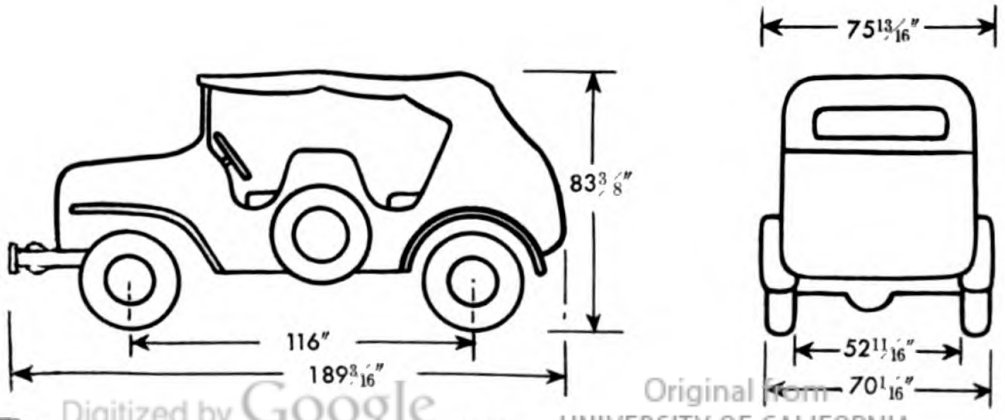
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 66337

Classification: Limited standard

Purpose: To provide transportation for staff officers in the field.



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SECTION VIII—TRUCKS

TRUCK, COMMAND RECONNAISSANCE, ½-TON, 4 x 4

GENERAL DATA

Crew, operating 2	Passenger capacity including crew		5
Weight	Net	(lb)	4,600*
	Payload	(lb)	1,000*
	Gross	(lb)	5,600*
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 6	Size . . . 7.50 x 16	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	25
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	62
Turning radius	(ft)	25½
Fording depth	(in.)	
Angle of approach (deg)	With winch 45 . . Without winch 62½	
Angle of departure	(deg)	31½
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	56
Number of speeds forward		3

ENGINE

Manufacturer	Dodge	Model T-215	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	5000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb)	Net 4,900	Payload 700	Gross 5,600

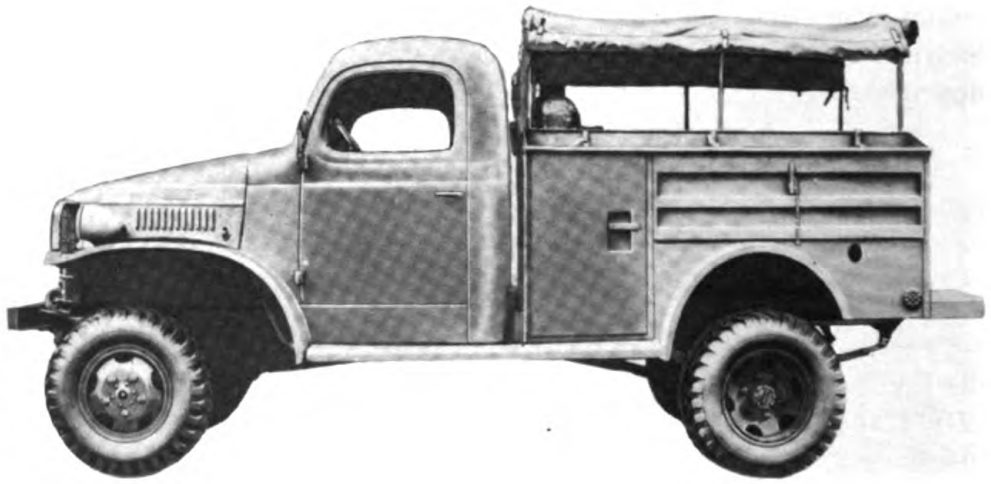
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, EMERGENCY REPAIR, ½-TON, 4 x 4

Technical Manual: TM 10-1443. Parts List: SNL G-505

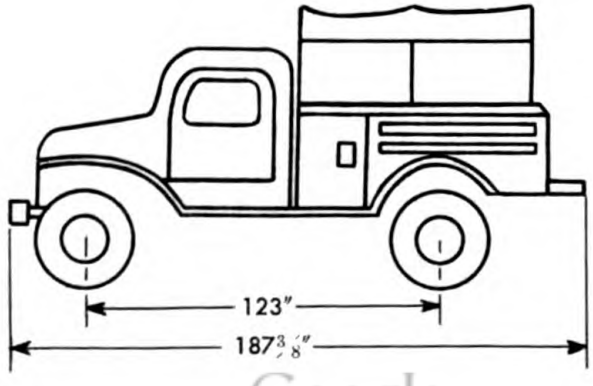
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)

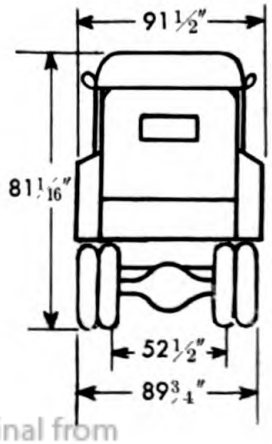


RA PD 66541

Classification: Standard

Purpose: To provide mobile facilities for emergency ordnance repair.





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SECTION VIII—TRUCKS

TRUCK, EMERGENCY REPAIR, ½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,870
	Payload	(lb)	1,420
	Gross	(lb)	7,290
Shipping dimensions	(cu ft) 804	(sq ft) 119	
Tires	Ply . . . 6	Size . . . 7.50 x 16	
Tread, center to center (in.)	Front 59 3/8	Rear 70 7/8	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	25
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	53
Turning radius	(ft)	27
Fording depth	(in.)	32
Angle of approach	(deg)	62 1/2
Angle of departure	(deg)	33
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	55
Number of speeds forward		3

ENGINE

Manufacturer	Dodge	Models T-211, T-215	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,100
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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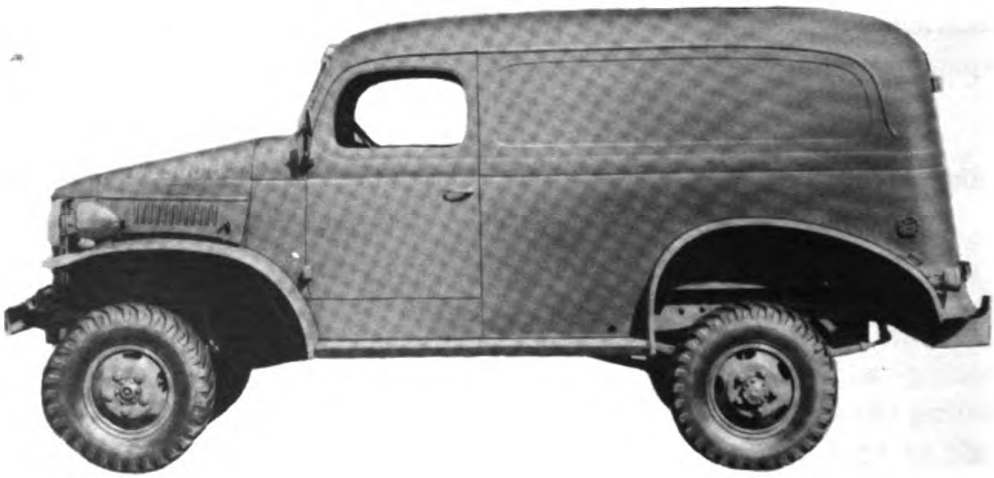
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PANEL DELIVERY, ½-TON, 4 x 4

Technical Manuals: TM 10-1123 (C1), TM 10-1201 (C1). Parts List: SNL G-505

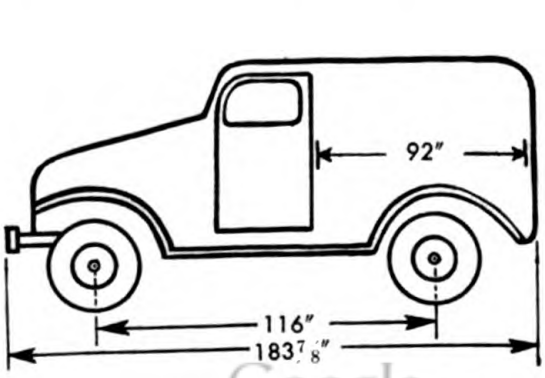
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)

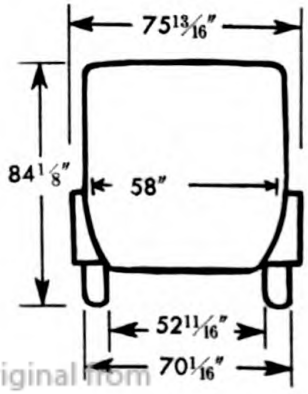


RA PD 66543

Classification: Limited standard

Purpose: To transport light cargo.





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SECTION VIII—TRUCKS

TRUCK, PICKUP, ½-TON, 4x4

GENERAL DATA

Crew			2
Weight	Net	(lb)	4,640*
	Payload	(lb)	1,000*
	Gross	(lb)	5,640*
Shipping dimensions	(cu ft) 644	(sq ft) 95	
Tires	Ply . . . 8	Size . . . 7.50 x 16	
Tread, center to center (in.)	Front 59⅜	Rear 61⅜	
Ground clearance		(in.)	9
Pintle height (in.)	Loaded 26½	Unloaded 28	
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	25
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	25½
Fording depth	(in.)	32
Angle of approach (deg)	With winch 45	Without winch 62½
Angle of departure	(deg)	31½
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	55
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Models T-207, T-211	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	217.7
Governed speed		(rpm)	3,100
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	5,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb) . . . . . Net 4,940 . . . . . Payload 700 . . . . Gross 5,640

Model WC-12 after engine No. 42001 and all WC-40 have 230.2 cubic inch displacement. Vehicles so equipped have 65.7 percent maximum gradability.

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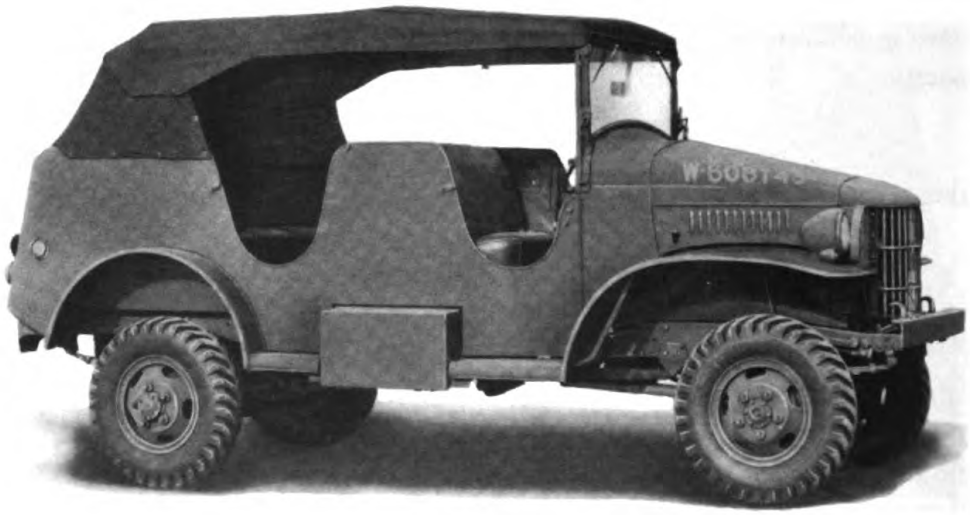
STANDARD MILITARY MOTOR VEHICLES

TRUCK, RADIO, ½-TON, 4 x 4

Technical Manuals: TM 10-1123, TM 10-1181, TM 10-1211, TM 10-1201, TM 10-1153, TM 10-1209, TM 10-1443.

Parts List:

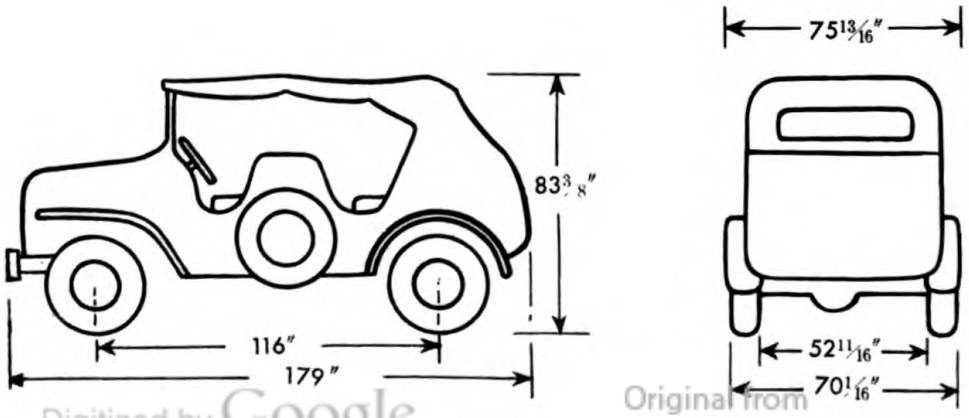
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 309119

Classification: Limited standard

Purpose:



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SECTION VIII—TRUCKS

TRUCK, RADIO, ½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,070
	Payload	(lb)	1,000
	Gross	(lb)	6,070
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 16	
Ground clearance		(in.)	9⅜
Tread, center to center (in.)	Front 59⅜	Rear 61⅜	
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	16
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	24
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	190
Maximum allowable speed	(mph)	
Number of speeds forward		3

ENGINE

Manufacturer	Dodge	Models T-202, T-215	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, WEAPONS CARRIER, ½-TON, 4x4

Technical Manuals: TM 10-1123, TM 10-1153, TM 10-1443.

Parts List: SNL G-505

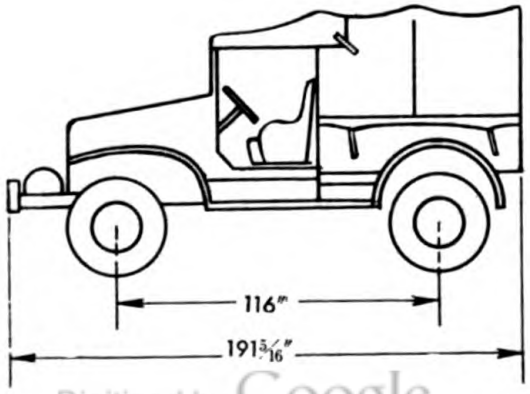
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)

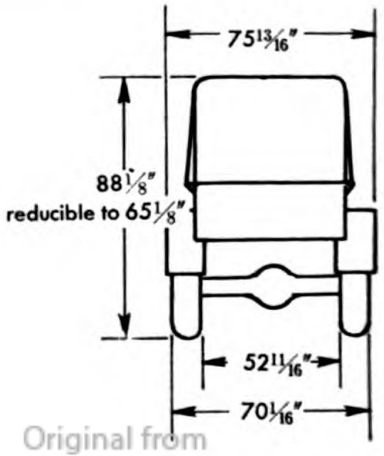


RA PD 66549

Classification: Limited standard

Purpose: To transport weapons, personnel, and cargo.





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SECTION VIII—TRUCKS

TRUCK, WEAPONS CARRIER, ½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net		4,240*
	Payload	(lb)	1,000*
	Gross	(lb)	5,240*
Shipping dimensions	(cu ft) 517	(sq ft) 95	
Tires	Ply . . . 8	Size . . . 7.50 x 16	
Ground clearance		(in.)	9
Ground pressure		(lb per sq in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	25
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	62
Turning radius	(ft)	25½
Fording depth	(in.)	32
Angle of approach	(deg)	62
Angle of departure	(deg)	31
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	250
Maximum allowable speed	(mph)	55
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Models T-207, T-211	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement	Model WC-3	(cu in.)	217.7
Governed speed		(rpm)	3,100
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

Model WC-13 after engine No. 42001 and all Model WC-21 have 230.2 cubic inch displacement. Vehicles so equipped have 67.9 percent maximum gradability.

*Figures given are for vehicles without winch. For vehicles with winch use the following data: Weight (lb) . . . Net 4,775 . . . Payload 1,000 . . . Gross 5,775. Shipping dimensions . . . . (cu ft) 546 . . . . (sq ft) 100.

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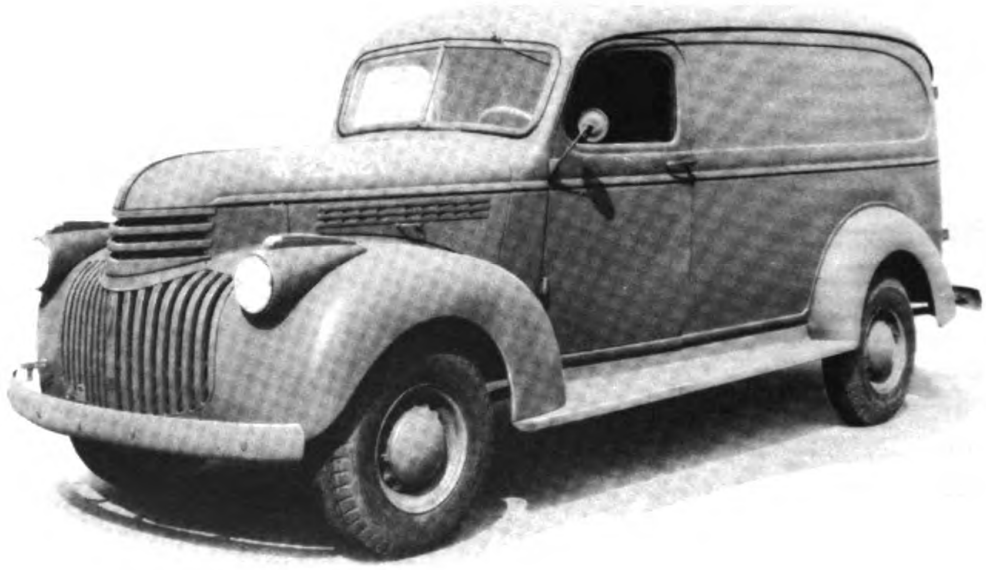
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PANEL DELIVERY, ¾-TON, 4 x 2

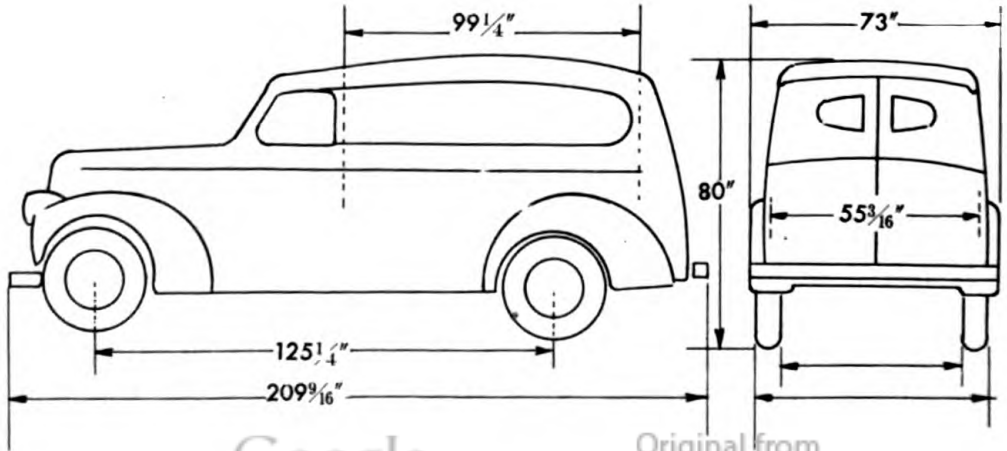
Technical Manual: TM 10-1287 Parts List: SNL G-616

Manufacturer: Chevrolet Motor Div. (General Motors Corp.)



Classification: Limited standard RA PD 308931

Purpose: To transport light cargo.



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SECTION VIII—TRUCKS

TRUCK, PANEL DELIVERY, ¾-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,600
	Payload	(lb)	1,650
	Gross	(lb)	5,250
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . Comm. 15 in.	
Tread, center to center		(in.)	60 3/8
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	21 1/4
Fording depth	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	10
Cruising range, average conditions	(miles)	180
Maximum allowable speed	(mph)	
Number of speeds forward		3

ENGINE

Manufacturer	Chevrolet	Model 1942 ABF	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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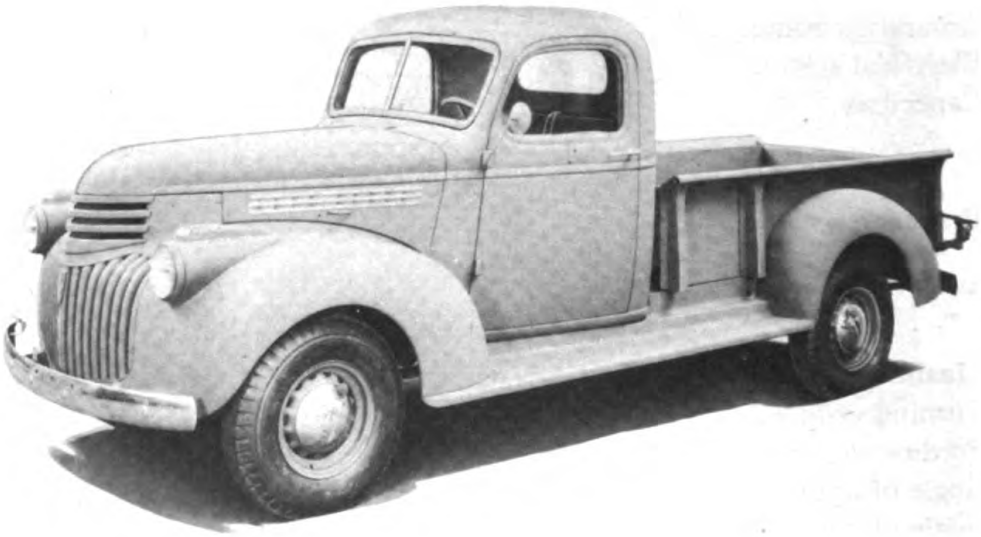
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PICKUP, ¾-TON, 4 x 2

Technical Manuals: TM 10-1163, TM 10-1167, TM 10-1305. Parts List: SNL G-616

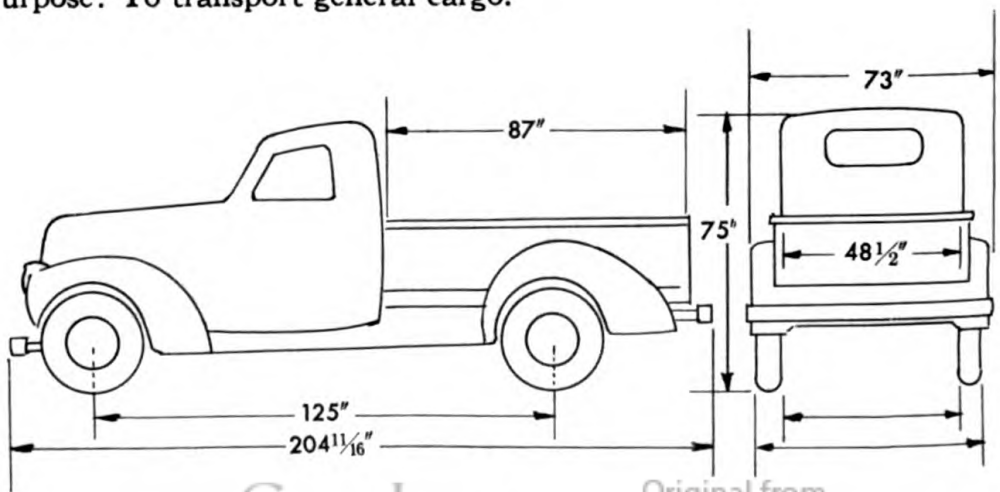
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)



RA PD 308930

Classification: Limited standard

Purpose: To transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, PICKUP, ¾-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	3,375
	Payload, includes 160 lb driver	(lb)	1,660
	Gross	(lb)	5,035
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 6	Size . . . Comm. 15 in.	
Ground clearance		(in.)	8
Tread, center to center		(in.)	$60\frac{3}{8}$
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	14
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	32
Turning radius	(ft)	$21\frac{1}{2}$
Fording depth	(in.)	
Angle of approach	(deg)	31
Angle of departure	(deg)	15
Fuel consumption, average conditions	(miles per gal)	10
Cruising range, average conditions	(miles)	180
Maximum allowable speed	(mph)	60
Number of speeds forward		3

ENGINE

Manufacturer	Chevrolet	Model ABF	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARRYALL, ¾-TON, 4 x 4

Technical Manuals: TM 9-808, TM 9-1808A, TM 9-1808B. Parts List: SNL G-502

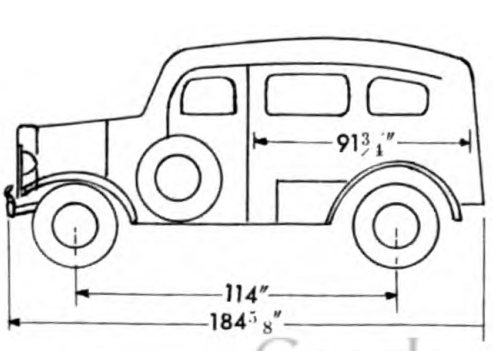
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)

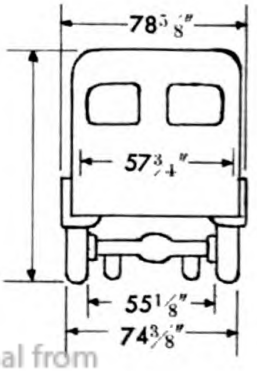


RA PD 308966

Classification: Limited standard

Purpose: To transport light cargo.





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SECTION VIII—TRUCKS

TRUCK, CARRYALL, ¾-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,750
	Payload	(lb)	1,800
	Gross	(lb)	7,550
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 9.00 x 16	
Tread, center to center		(in.)	64 3/4
Ground clearance		(in.)	10 5/8
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	55
Turning radius	(ft)	24 1/2
Fording depth	(in.)	34
Angle of approach	(deg)	53
Angle of departure	(deg)	28
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	54
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Model T-214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			76
Ignition type		Battery	

ADDITIONAL DATA

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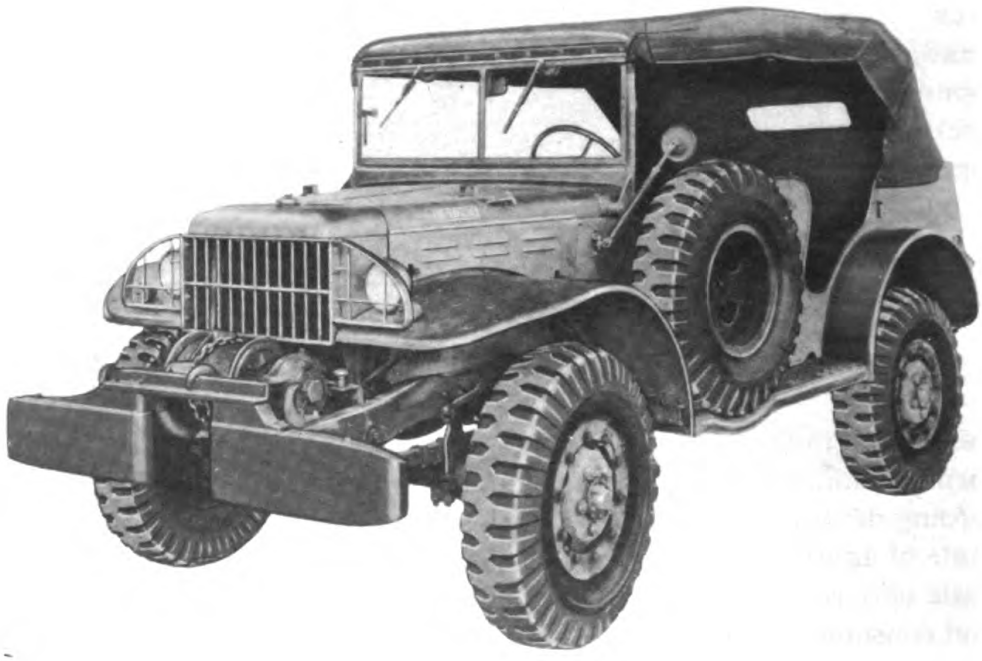
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMMAND, ¾-TON, 4 x 4

Technical Manuals: TM 9-808, TM 9-1808A, TM 9-1808B. Parts List: SNL G-502

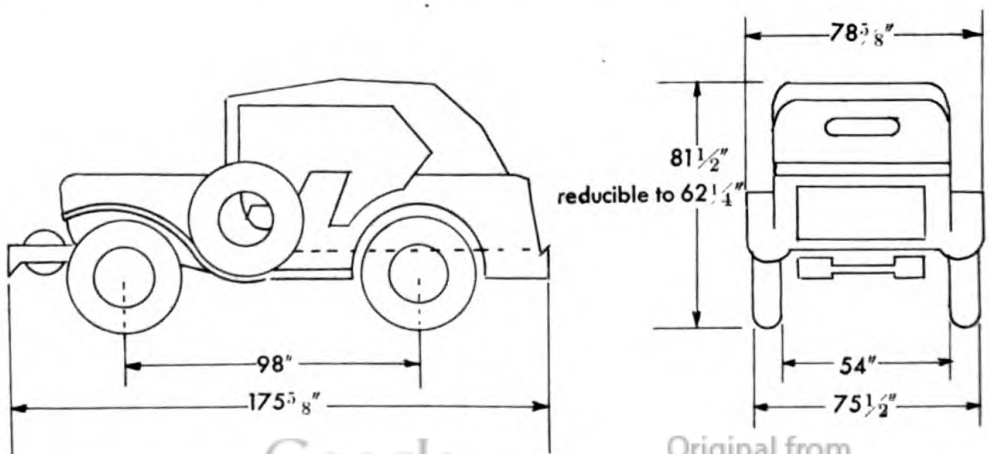
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 66341

Classification: Standard

Purpose: To provide transportation for command officers in the field.



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SECTION VIII—TRUCKS

TRUCK, COMMAND, ¾-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,375*
	Payload	(lb)	1,500*
	Gross	(lb)	6,875*
Shipping dimensions	(cu ft) 442*	(sq ft) 85*	
Tires	Ply . . . 8	Size . . . 9.00 x 16	
Ground clearance		(in.)	10⅝
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	21⅔
Fording depth	(in.)	34
Angle of approach (deg)	w/winch 36½, w/o winch 53½	
Angle of departure	(deg)	31
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	210
Maximum allowable speed	(mph)	54
Number of speeds forward		

ENGINE

Manufacturer	Dodge	Model T-214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			76
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	5,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb)	Net 5,675	Payload 1,500	Gross 7,175
Shipping dimensions	(cu ft) 500	(sq ft) 96	

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, EMERGENCY REPAIR, ¾-TON, 4 x 4

Technical Manuals: TM 9-808, TM 9-1808A, TM 9-1808B. Parts List: SNL G-502

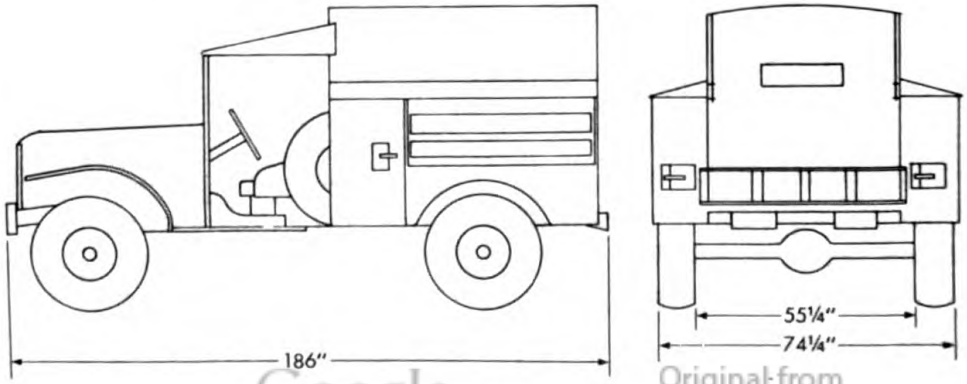
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 309020

Classification: Limited standard

Purpose: To provide mobile facilities for emergency repair.



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SECTION VIII—TRUCKS

TRUCK, EMERGENCY REPAIR, ¾-TON, 4 x 4

GENERAL DATA

Crew			5
Weight	Net	(lb)	5,350
	Payload	(lb)	2,170
	Gross	(lb)	7,520
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 9.00 x 16	
Tread, center to center		(in.)	64¾
Ground clearance		(in.)	10¾
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	52
Turning radius	(ft)	26
Fording depth	(in.)	34
Angle of approach	(deg)	53
Angle of departure	(deg)	32
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	55
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Model T-214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower		at 3,200 rpm	76
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, LIGHT MAINTENANCE AND INSTALLATION ¾-TON, 4 x 4, K-50

Technical Manuals: Parts List:

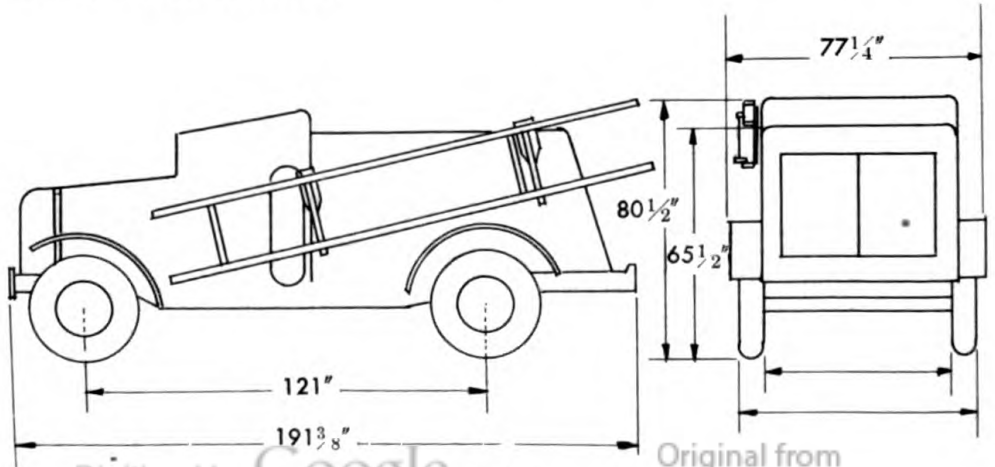
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 66551

Classification: Limited standard

Purpose: Used by Signal Corps to transport equipment for light installation and maintenance.



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SECTION VIII—TRUCKS

TRUCK, LIGHT MAINTENANCE AND INSTALLATION ¾-TON, 4 x 4, K-50

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,250
	Payload	(lb)	500
	Gross	(lb)	5,750
Shipping dimensions	(cu ft) 708	(sq ft) 105	
Tires	Ply . . . 8	Size . . . 9.00 x 16	
Tread, center to center		(in.)	64¼
Ground clearance		(in.)	10⅝
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	53
Turning radius	(ft)	26¼
Fording depth	(in.)	34
Angle of approach	(deg)	53
Angle of departure	(deg)	28
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	55
Number of speeds forward		3

ENGINE

Manufacturer	Dodge	Model T214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			76
Ignition type		Battery	

ADDITIONAL DATA

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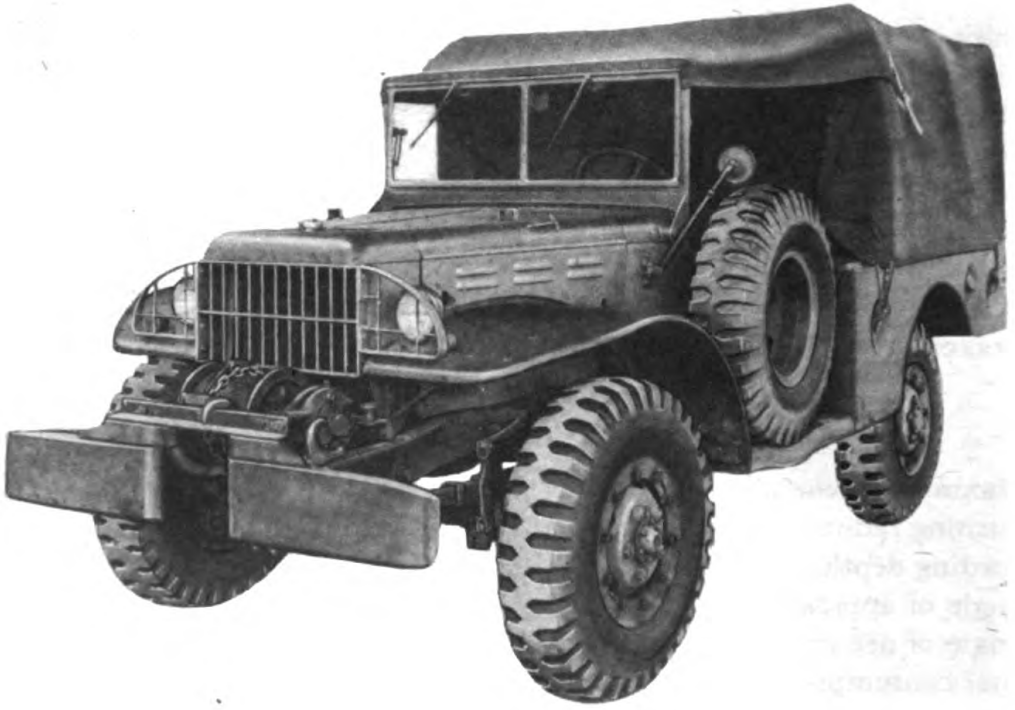
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, WEAPONS CARRIER, ¾-TON, 4 x 4

Technical Manuals: TM 9-808, TM 9-1808A, TM 9-1808B. Parts List: SNL G-502

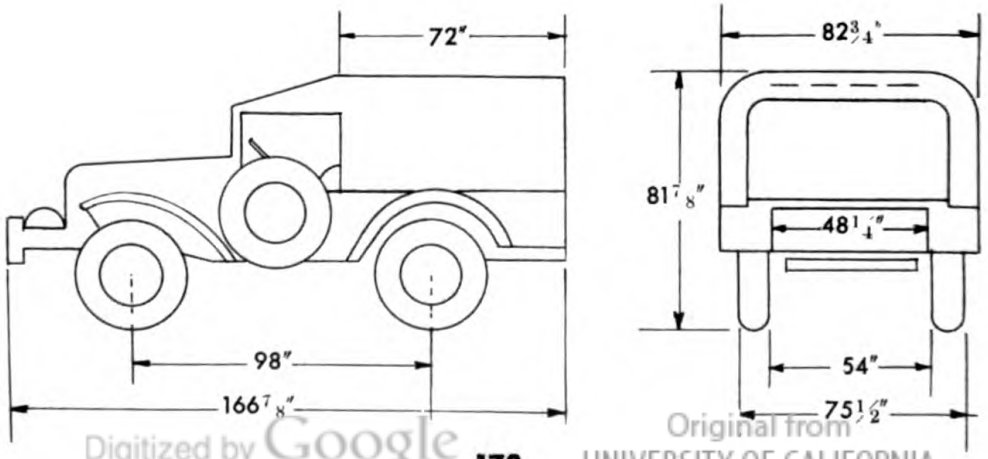
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 66555

Classification: Standard

Purpose: To transport weapons, tools and equipment.



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SECTION VIII—TRUCKS

TRUCK, WEAPONS CARRIER, ¾-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,250*
	Payload	(lb)	1,500*
	Gross	(lb)	6,750*
Shipping dimensions	(cu ft) 529	(sq ft) 102	
Tires	Ply . . . 8	Size . . . 9.00 x 16	
Tread, center to center		(in.)	64¾
Ground clearance		(in.)	10½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	22
Fording depth	(in.)	34
Angle of approach (deg)	With winch 36	Without winch 53
Angle of departure	(deg)	31
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	54
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Model T-214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			76
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	5,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb)	Net 5,550	Payload 1,500	Gross 7,050

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CANOPY EXPRESS, 1-TON, 4 x 2

Technical Manual: TM 10-1305. Parts List:

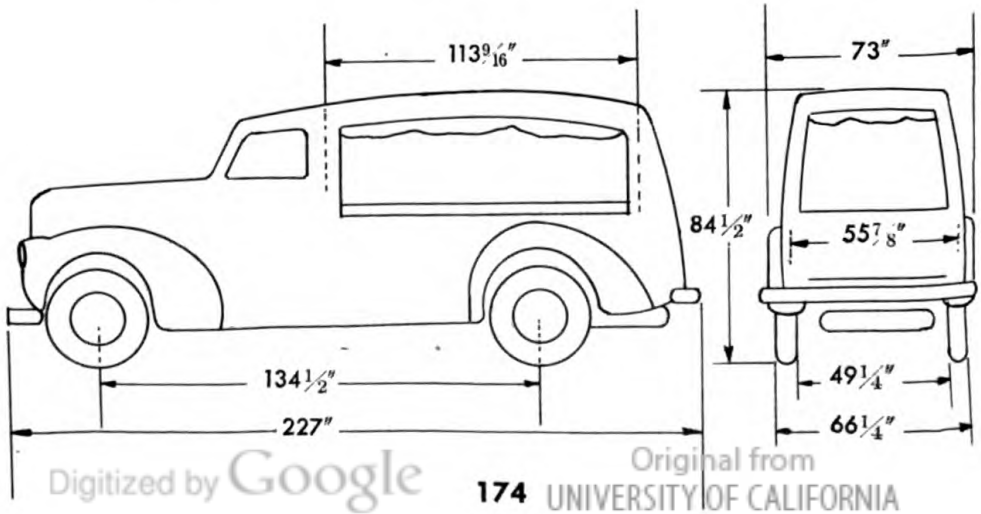
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)



RA PD 308942

Classification: Standard

Purpose: To transport light cargo.



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SECTION VIII—TRUCKS

TRUCK, CANOPY EXPRESS, 1-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	4,780
	Payload	(lb)	2,000
	Gross	(lb)	6,780
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	26
Fording depth	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	162
Maximum allowable speed	(mph)	
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model 1942 BF 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement	(cu in.)		216.5
Governed speed	(rpm)		
Brake horsepower			
Ignition type	Battery		

ADDITIONAL DATA

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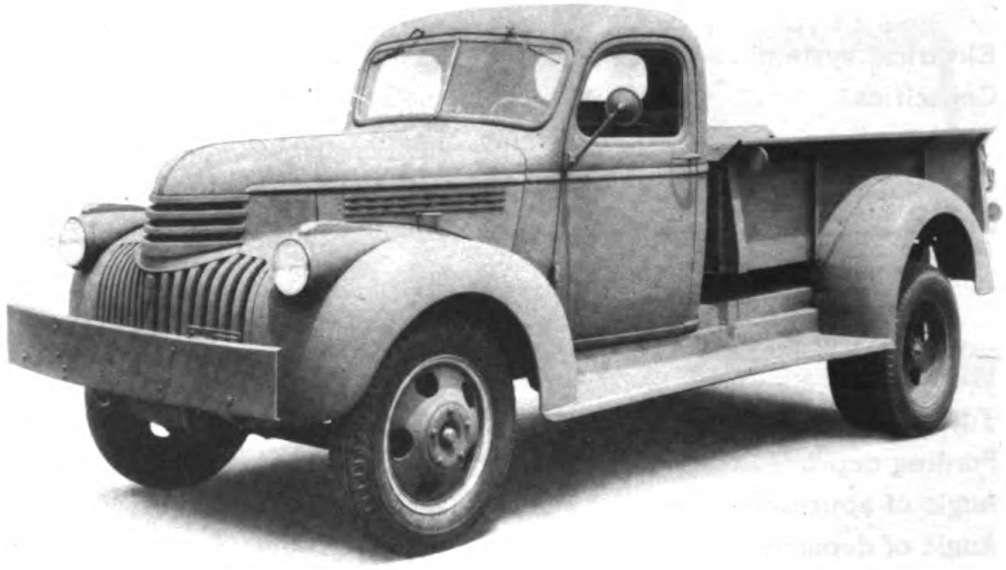
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PICKUP, 1-TON, 4 x 2

Technical Manual: TM 10-1305. Parts List:

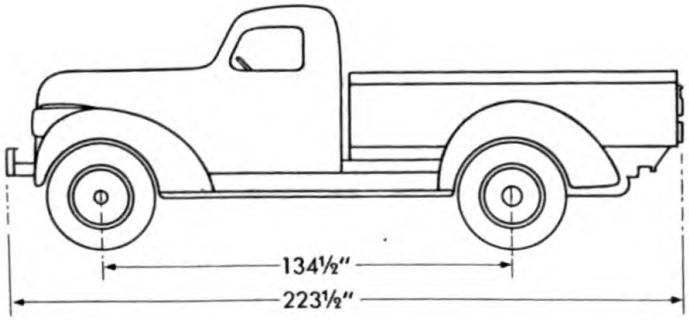
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)

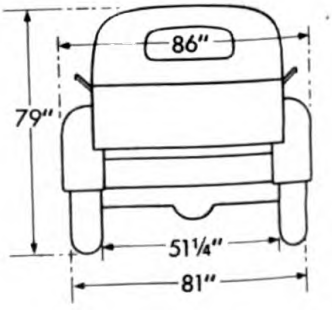


RA PD 309128

Classification: Standard

Purpose: To transport cargo and personnel.





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SECTION VIII—TRUCKS

TRUCK, PICKUP, 1-TON, 4 x 2

GENERAL DATA

Crew			
Weight	Net	(lb)	4,825
	Payload	(lb)	3,150
	Gross	(lb)	7,975
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 6.50 x 20	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	18
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	66
Turning radius	(ft)	26
Fording depth	(in.)	
Angle of approach	(deg)	37
Angle of departure	(deg)	20
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	150
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BQ	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMBINATION, STAKE AND PLATFORM, 1½-TON, 4 x 2

Technical Manuals:
Ford, TM 10-1139, TM 10-1329, TM 10-1433, TM 10-1541.
Chevrolet, TM 10-1305, TM 10-1341, TM 10-1557.

Parts Lists: SNL G-540 (Ford)
SNL G-617 (Chev.)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Ford Motor Co.

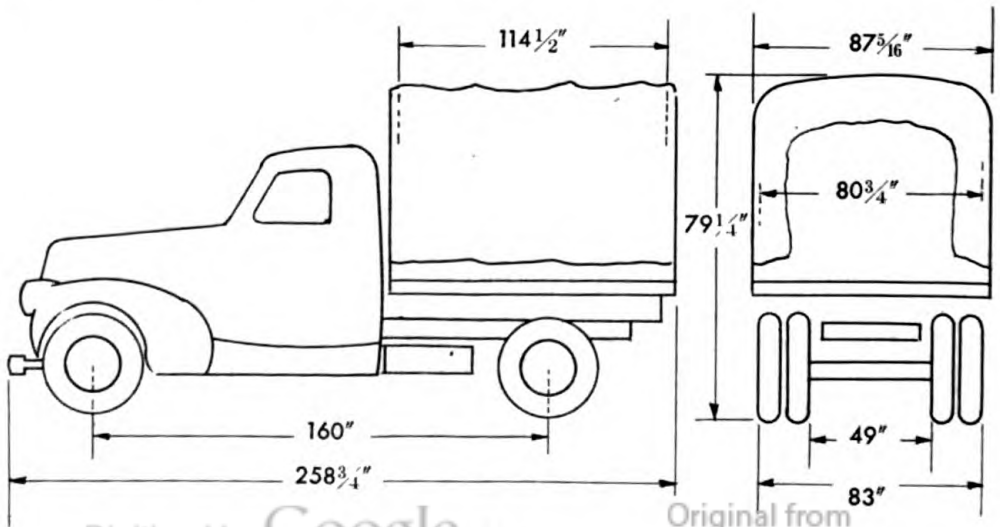


Vehicle illustrated above: Chevrolet

RA PD 308946

Classification: Standard

Purpose: To transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, COMBINATION, STAKE AND PLATFORM, 1½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	4,985
	Payload	(lb)	4,515
	Gross	(lb)	9,500
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 10	Size . . . 7.00 x 20	
Tread, center to center (in.)	Front 56 1/16	Rear 66	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	63
Turning radius (ft)	Right 28	Left 30
Fording depth	(in.)	33
Angle of approach	(deg)	33
Angle of departure	(deg)	16
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	216
Maximum allowable speed	(mph)	35
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model, Loadmaster	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	2,115
Brake horsepower			81
Ignition type		Battery	

ADDITIONAL DATA

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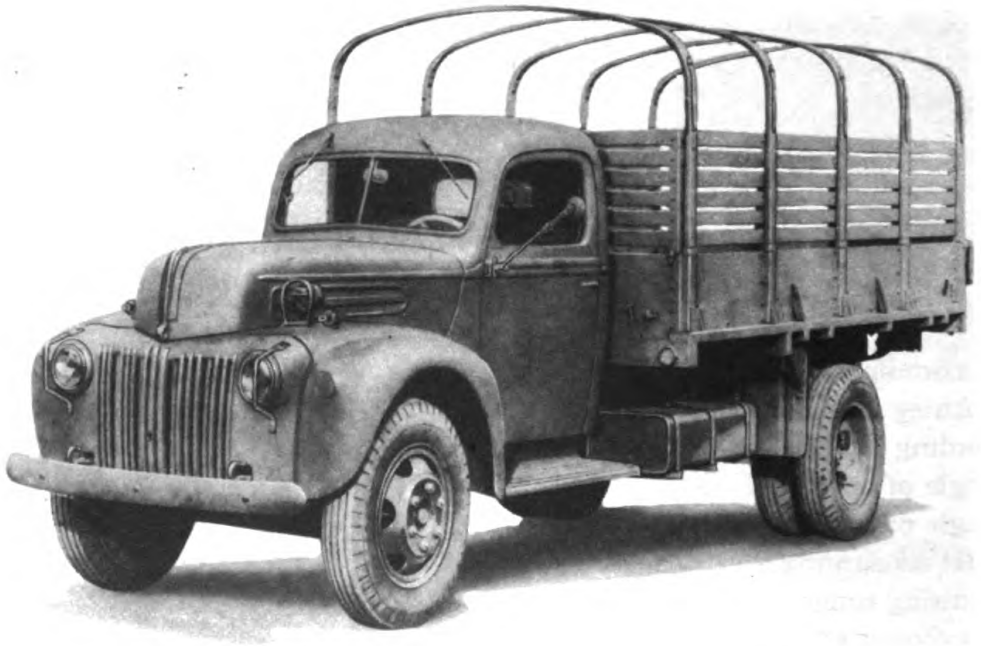
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, 1½-TON, 4 x 2

Technical Manuals:
Ford, TM 10-1433, TM 10-1539, TM 10-1347.
Chevrolet, TM 10-1305, TM 10-1489.
Dodge, TM 10-1157.

Parts Lists: SNL G-540 (Ford)
SNL G-617 (Chev.)
SNL G-618 (Dodge)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Dodge Brothers Corp. (Div. of Chrysler Corp.); Ford Motor Co.

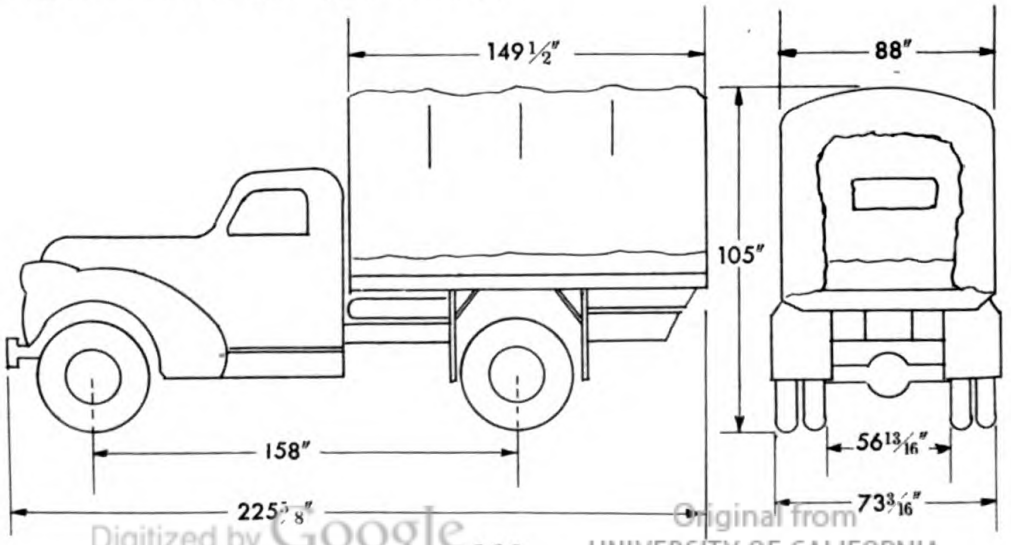


RA PD 308945

Vehicle illustrated above: Ford

Classification: Standard

Purpose: To transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, CARGO, 1½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	6,514
	Payload	(lb)	3,150
	Gross	(lb)	9,664
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 57.8	Rear 65	
Ground clearance		(in.)	9¼
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	49
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	47
Turning radius	(ft)	29½
Fording depth	(in.)	25
Angle of approach	(deg)	35
Angle of departure	(deg)	20
Fuel consumption, average conditions, with towed load	(miles per gal)	10
Cruising range, average conditions, with towed load	(miles)	400
Maximum allowable speed	(mph)	45
Number of speeds forward		3

ENGINE

Manufacturer	Ford	Model 2 GT	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	225.7
Governed speed		(rpm)	3400
Brake horsepower			81
Ignition type		Battery	

ADDITIONAL DATA

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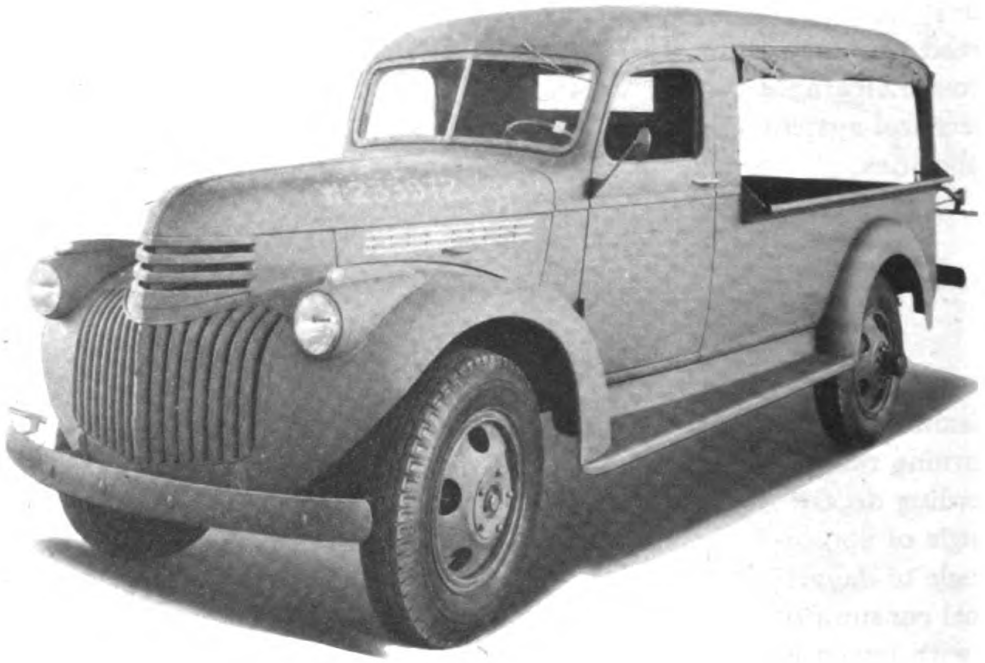
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CANOPY EXPRESS, 1½-TON, 4 x 2

Technical Manuals: TM 10-1305, TM 10-1465. Parts List: SNL G-617

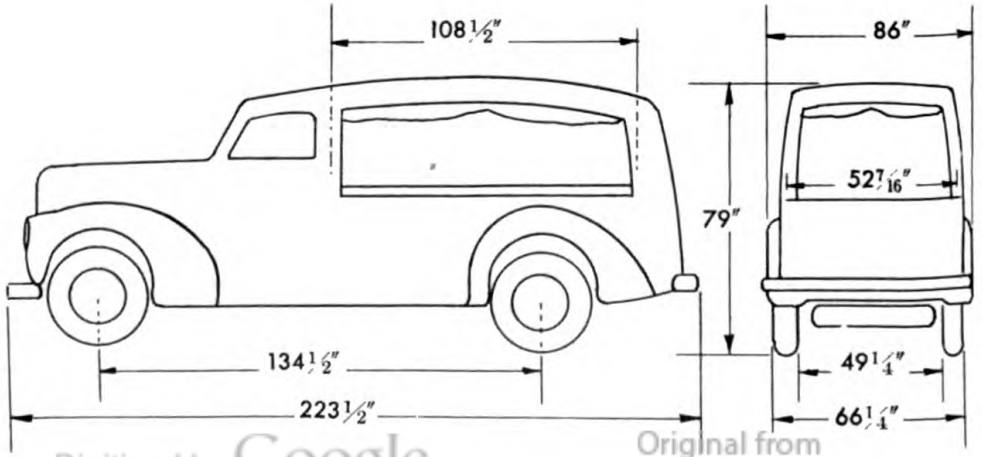
Manufacturer: Chevrolet Motor Div. (Division of General Motors Corp.).



Classification: Standard

Purpose: To transport cargo.

RA PD 308942



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SECTION VIII—TRUCKS

TRUCK, CANOPY EXPRESS, 1½-TON, 4 x 2

GENERAL DATA

Crew			1
Weight	Net	(lb)	4,825
	Payload	(lb)	3,150
	Gross	(lb)	7,975
Tires	Ply . . . 8	Size . . . 6.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	26
Fording depth	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	162
Maximum allowable speed	(mph)	
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model 1942 BQ 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216
Governed speed		(rpm)	1,200-2,000
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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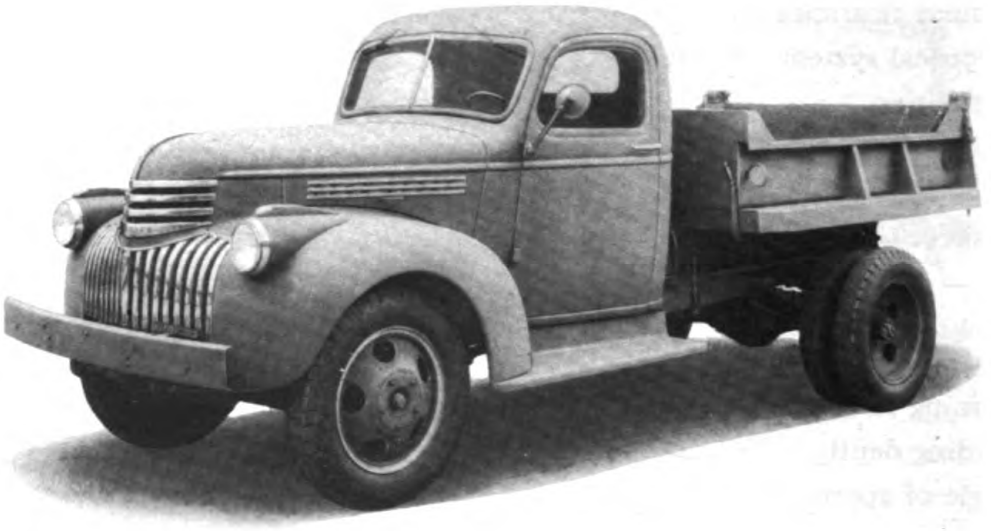
STANDARD MILITARY MOTOR VEHICLES

TRUCK, DUMP, 1½-TON, 4 x 2

Technical Manuals: Chevrolet, TM 10-1305, TM 10-1329. Ford, TM 10-1139, TM 10-1329.

Parts Lists: SNL G-620 (GMC) SNL G-540 (Ford) SNL G-617 (Chev.)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Ford Motor Co.

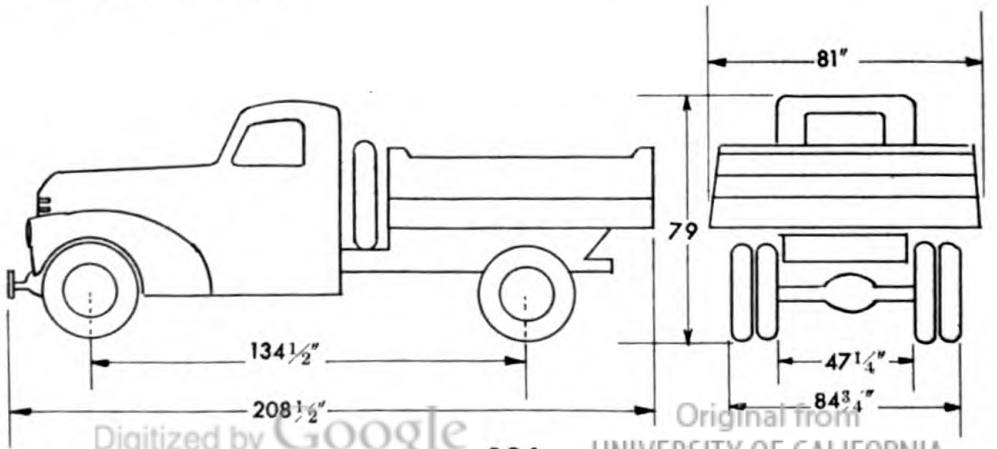


RA PD 308950

Vehicle illustrated above: Chevrolet

Classification: Standard

Purpose: To transport and dump stone, sand, gravel, etc., and to transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, DUMP, 1½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,975
	Payload	(lb)	3,150
	Gross	(lb)	9,125
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 6.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	6
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	26
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	162
Maximum allowable speed	(mph)	
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model 1942 BQ 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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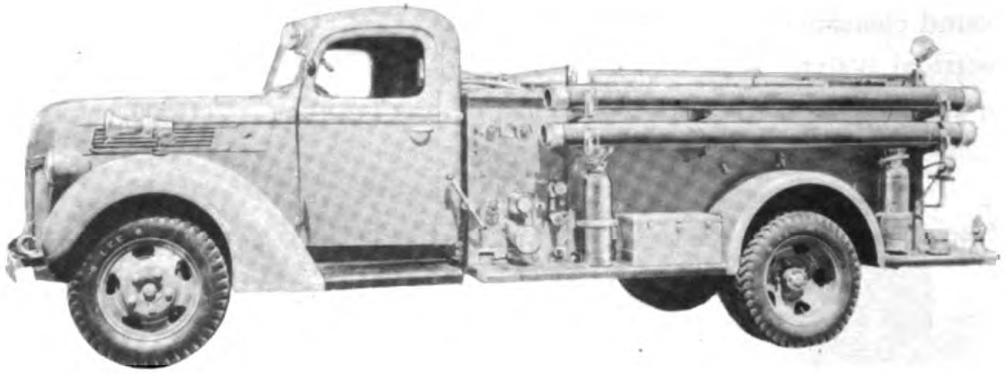
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, FIRE, 1½-TON, 4 x 2

Technical Manuals: Parts List:

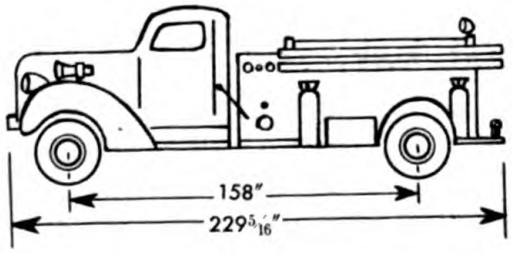
Manufacturers: Ward-LaFrance; Ford.

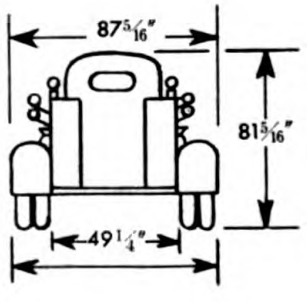


RA PD 66577

Classification: Standard

Purpose: Used by Corps of Engineers to transport fire-fighting and pumping equipment.





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SECTION VIII—TRUCKS

TRUCK, FIRE, 1½-TON, 4 x 2

GENERAL DATA

Crew			8
Weight	Gross	(lb)	10,670
Shipping dimensions	(cu ft) 934	(sq ft) 138	
Tires	Ply . . . 8	Size . . . 6.50 x 20	
Ground clearance		(in.)	9¼
Tread, center to center	Front	Rear	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	37
	Cooling system	(qt)	17½
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)
Turning radius	(ft) 29½
Fording depth	(in.)
Angle of approach	(deg) 35
Angle of departure	(deg) 20
Fuel consumption, average conditions	(miles per gal) 8
Cruising range, average conditions	(miles) 150
Maximum allowable speed	(mph) 53
Number of speeds forward	

ENGINE

Manufacturer	Ford	Model	
Type	V-8, 4 cycle	Number of cylinders	8
Displacement		(cu in.)	221
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

This vehicle used as Truck, fire pumper, type "A", overseas, class 325 and Truck, fire crash, class 125.

Pump driven by Ward-LaFrance Model WLF-F6, 6 cylinder, 225.7 cubic inch displacement.

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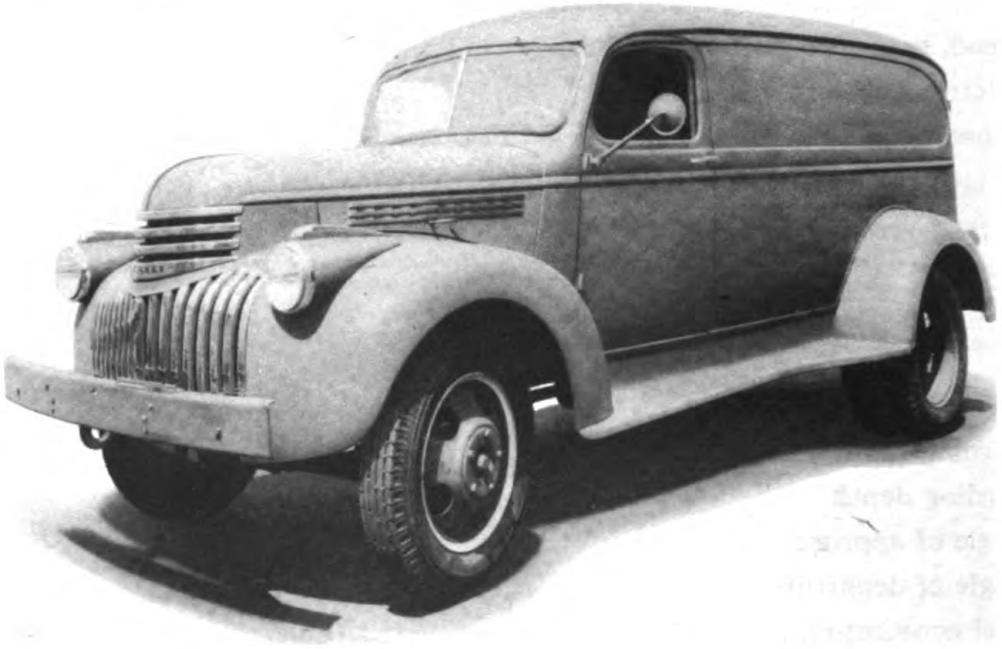
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TRUCK, PANEL DELIVERY, 1½-TON, 4 x 2

Technical Manuals: Chevrolet, TM 10-1305, TM 10-1403, TM 10-1461. Ford, TM 10-1257, TM 10-1329.

Parts Lists: SNL G-540 (Ford) SNL G-620 (Chev.)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Ford Motor Co.

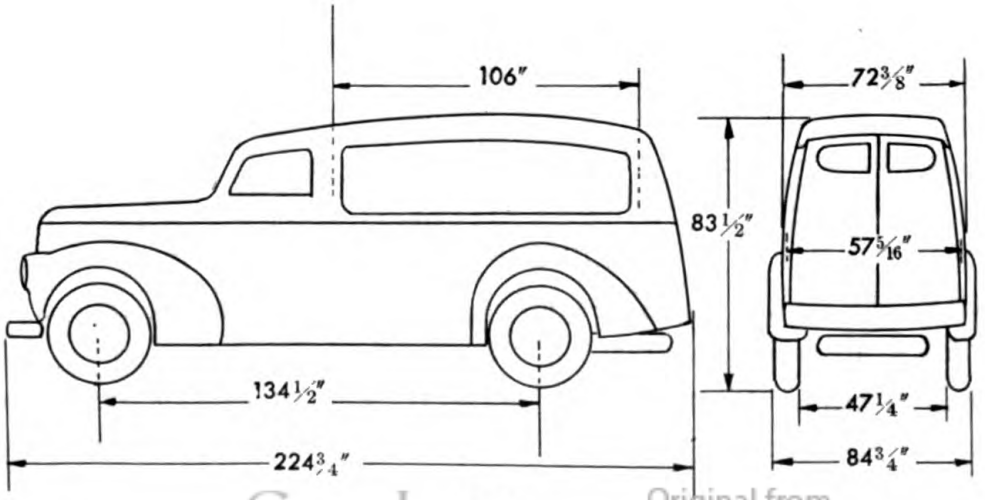


Vehicle illustrated above: Chevrolet

RA PD 308943

Classification: Standard

Purpose: To transport light cargo.



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SECTION VIII—TRUCKS

TRUCK, PANEL DELIVERY, 1½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	4,275
	Payload	(lb)	3,425
	Gross	(lb)	7,700
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply: Front 6	Rear 8	
	Size: Front	6.00 x 20	
	Rear	6.50 x 20	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	18
	Cooling system	(qt)	14
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	26
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	216
Maximum allowable speed	(mph)	
Number of speeds forward		3

ENGINE

Manufacturer	Chevrolet	Model	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			

ADDITIONAL DATA

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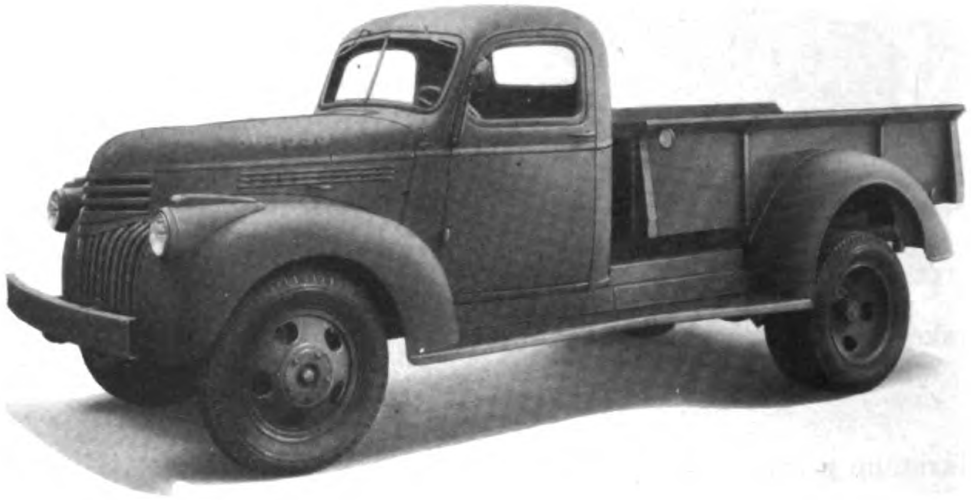
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PICKUP, 1½-TON, 4 x 2

Technical Manuals: TM 10-1305, TM 10-1465. Parts List: SNL G-617

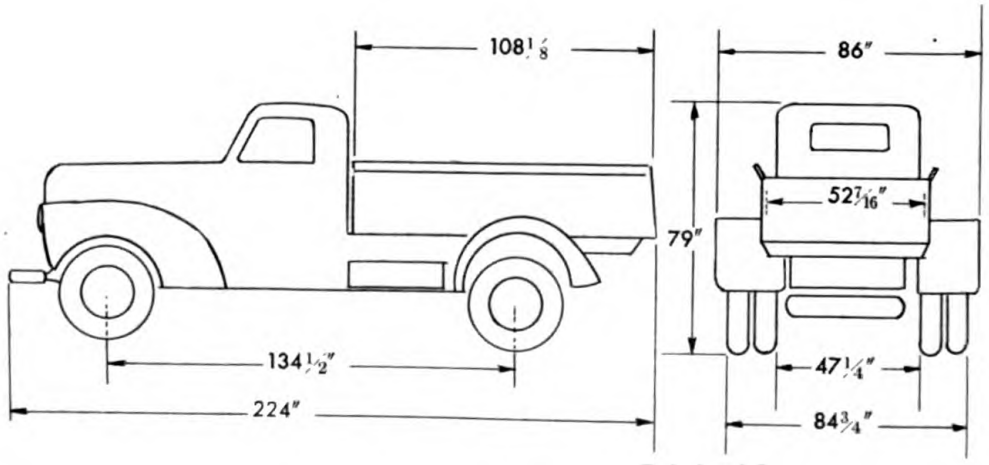
Manufacturer: Chevrolet Motor Div. (General Motors Corp.).



RA PD 308944

Classification: Standard

Purpose: To transport cargo.



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SECTION VIII—TRUCKS

TRUCK, PICKUP, 1½-TON, 4 x 2

GENERAL DATA

Crew			1
Weight	Net	(lb)	4,965
	Payload	(lb)	3,150
	Gross	(lb)	8,015
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 6.50 x 20	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, octane gasoline	(gal)	18
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	
Turning radius (ft)	Right	Left	
Fording depth		(in.)	
Angle of approach		(deg)	
Angle of departure		(deg)	
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	150
Maximum allowable speed		(mph)	
Number of speeds forward			4

ENGINE

Manufacturer	Chevrolet	Model	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		(rpm)	
Brake horsepower			

ADDITIONAL DATA

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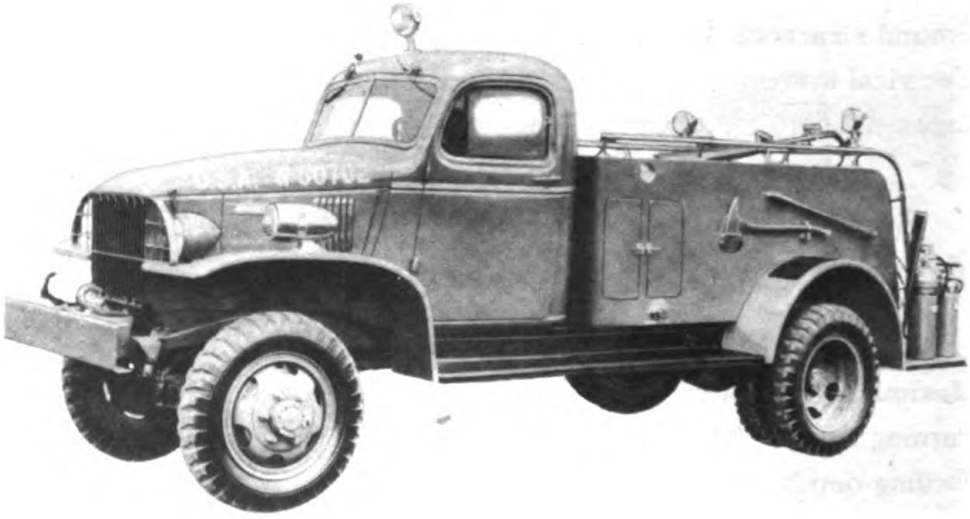
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, AIRFIELD CRASH, 1½-TON, 4 x 4

Technical Manual: TM 10-1127 (C1). Parts List:

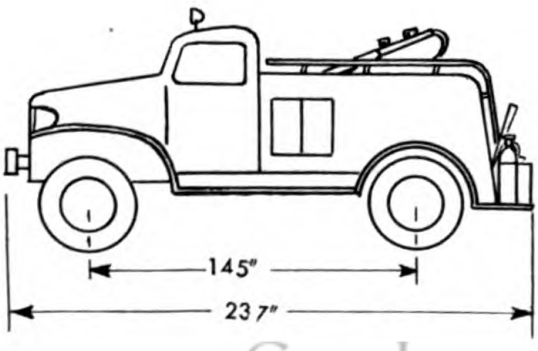
Manufacturer: Chevrolet Motor Div. (General Motors Corp.).

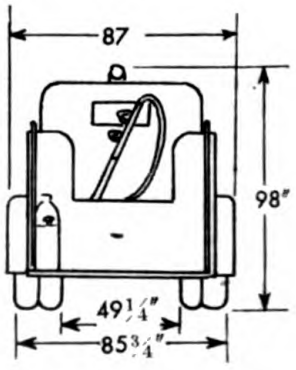


RA PD 66561

Classification: Standard

Purpose: To provide mobile fire-fighting and crash equipment for airfields.





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SECTION VIII—TRUCKS

TRUCK, AIRFIELD CRASH, 1½-TON, 4 x 4

GENERAL DATA

Crew			
Weight	Net	(lb)	
	Payload	(lb)	
	Gross	(lb)	9,000
Shipping dimensions	(cu ft) 937	(sq ft) 129	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase	(qt)	7½
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BU-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, BOMB SERVICE, M6, 1½-TON, 4 x 4

Technical Manuals: TM 9-765, TM 9-1765A, TM 9-1765B. Parts List: SNL G-85

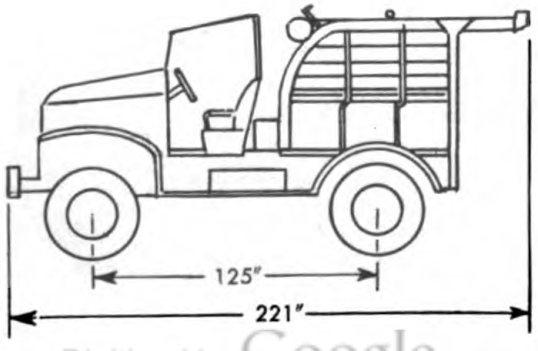
Manufacturer: Chevrolet Motor Div. (General Motors Corp.), (Model G 7128).

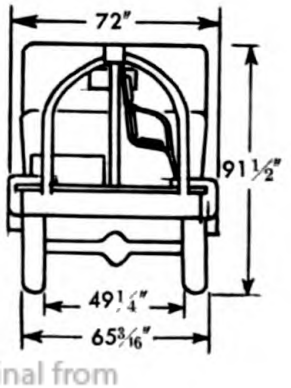


RA PD 66563

Classification: Standard

Purpose: To tow bomb trailers and lift bombs on and off trailers.





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SECTION VIII—TRUCKS

TRUCK, BOMB SERVICE, M6, 1½-TON, 4 x 4

GENERAL DATA

Crew			5
Weight	Net	(lb)	6,325
	Payload	(lb)	2,050
	Gross	(lb)	8,375
Shipping dimensions	(cu ft) 845	(sq ft) 111	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 60 5/16	Rear 57 1/4	
Ground clearance		(in.)	9 7/8
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17 1/4
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability				(percent)	65
Turning radius				(ft)	26
Angle of approach				(deg)	45
Angle of departure				(deg)	38
Fuel consumption, average conditions				(miles per gal)	8 1/2
Cruising range, average conditions				(miles)	250
Maximum allowable speed				(mph)	55
	1st	2nd	3rd	4th	
Cruising speed	6	14	28	48	

ENGINE

Manufacturer	Chevrolet	Model BV 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		Not governed	
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(Mounted on bomb handling hoist)	(lb)	2,000

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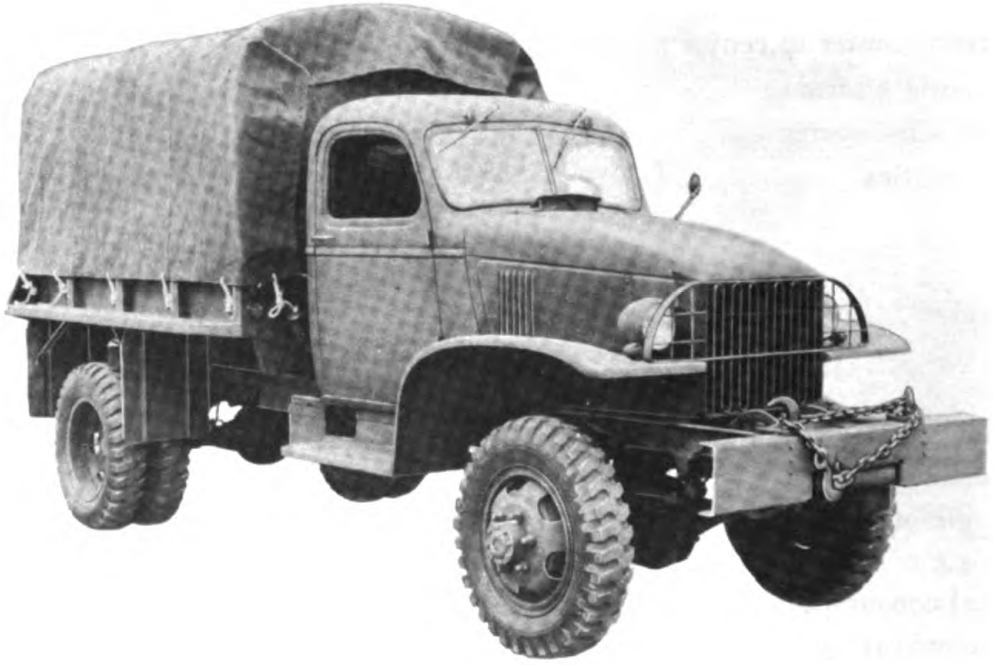
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, 1½-TON, 4 x 4

Technical Manuals: Chevrolet, TM 10-1431, TM 10-1127 (C1), TM 10-1203.
Ford, TM 10-1435.
Dodge, TM 10-1179, TM 10-1193.

Parts Lists: SNL G-621 (Dodge)
SNL G-622 (Ford)
SNL G-506 (Chev.)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Dodge Brothers Corp. (Div. Chrysler Corp.); Ford Motor Co.

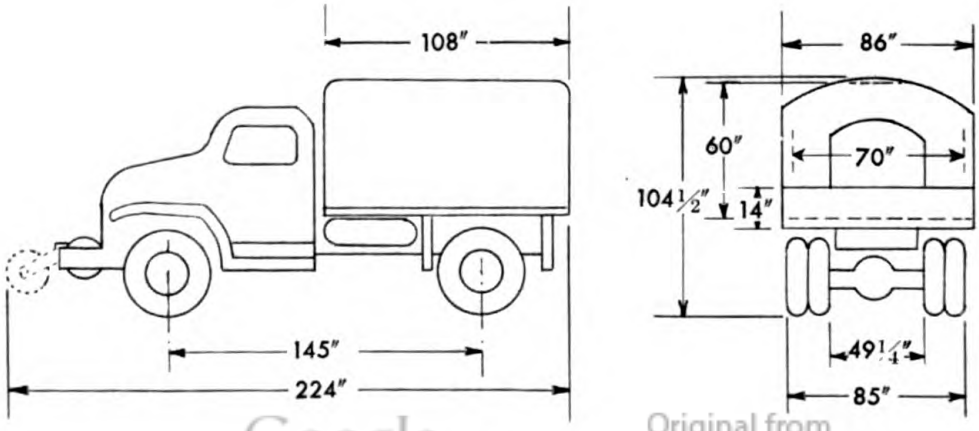


RA PD 66567

Vehicle illustrated above: Chevrolet

Classification: Standard

Purpose: To transport general cargo and personnel.



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SECTION VIII—TRUCKS

TRUCK, CARGO, 1½-TON, 4 x 4

GENERAL DATA

Crew, operating			2
Weight	Net	(lb)	7,545*
	Payload	(lb)	3,000*
	Gross	(lb)	10,545*
Shipping dimensions†	(cu ft) 1,001	(sq ft) 138	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 60½	Rear 67½	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 29	Left 28½	
Fording depth		(in.)	32
Angle of approach (deg)	with winch 39	without winch 45	
Angle of departure		(deg)	30
Fuel consumption, average conditions		(miles per gal)	9
Cruising range, average conditions		(miles)	270
Maximum allowable speed		(mph)	48
Number of speeds forward			4

ENGINE

Manufacturer	Chevrolet	Model 1942, BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity		(lb)	10,000

*Figures given are for vehicle without winch. For vehicles with winch use the following data:

Weight (lb)	Net—8,215; Payload—3,000; Gross		11,215

†Data on wood body model same as above data on steel body model, except as follows:

Height (top up)		(in.)	106½
Width		(in.)	69¾
Top up		(cu ft)	1,225
Top down		(cu ft)	1,005

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMBINATION STAKE AND PLATFORM, 15 FT, 1½-TON, 4 x 4

Technical Manuals: TM 10-1131, TM 10-1203, TM 10-1559. Parts List: SNL G-506

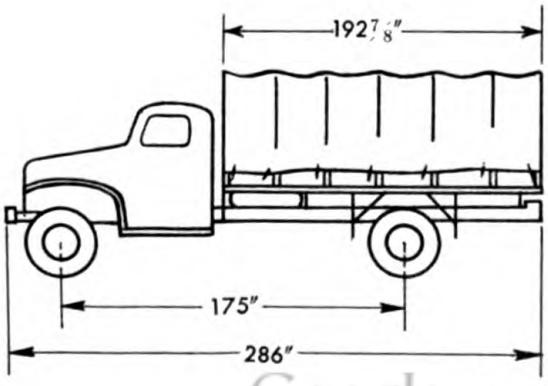
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)

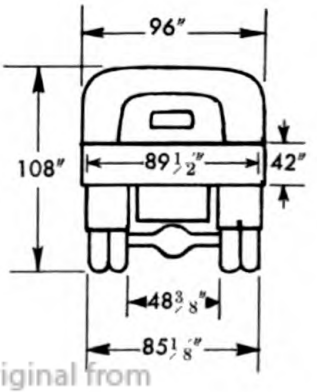


RA PD 66569

Classification: Standard

Purpose: To transport general cargo and personnel.





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SECTION VIII—TRUCKS

TRUCK, COMBINATION STAKE AND PLATFORM, 15 FT, 1½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	8,965
	Payload	(lb)	3,000
	Gross	(lb)	11,965
Shipping dimensions	(cu ft) 1,276	(sq ft) 177	
Tires, type	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 60½	Rear 67½	
Ground clearance		(in.)	9⅞
Pintle height		(in.)	30 3/16
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	31
Fording depth	(in.)	32
Angle of approach	(deg)	41
Angle of departure	(deg)	29
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BVA-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			80
Ignition type		Battery	

ADDITIONAL DATA

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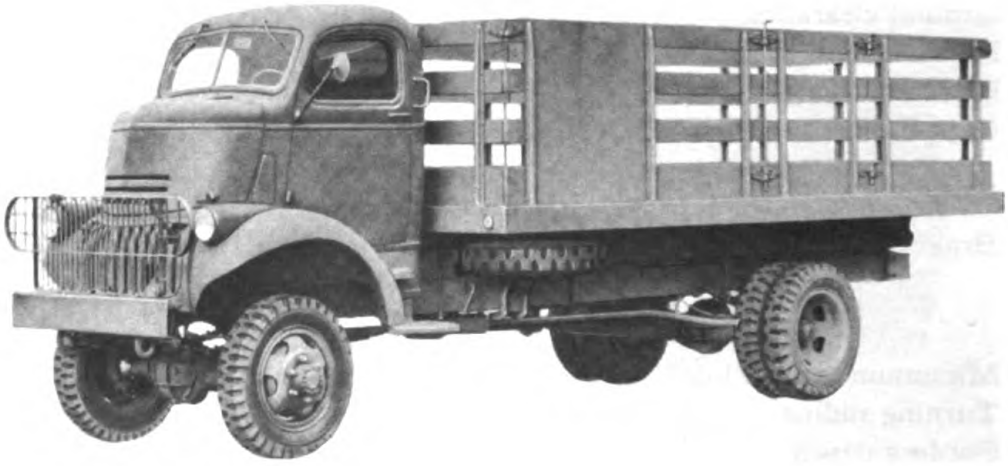
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TRUCK, COMBINATION STAKE AND PLATFORM, C.O.E., 1½-TON, 4 x 4

Technical Manuals: TM 10-1203, TM 10-1131, TM 10-1559.

Parts List: SNL G-506

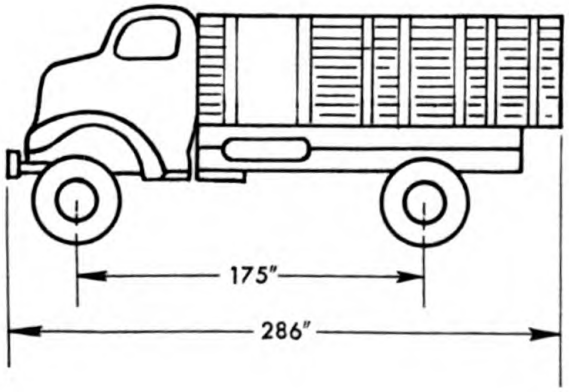
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)

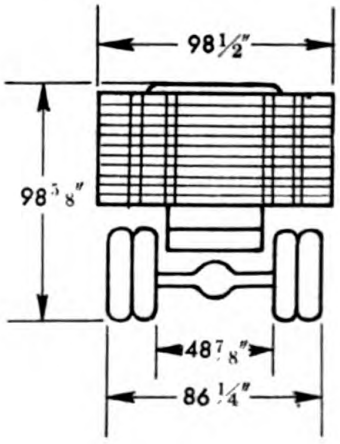


RA PD 66587

Classification: Limited standard

Purpose: To transport general cargo.





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TRUCK, COMBINATION STAKE AND PLATFORM, C.O.E., 1½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	8,890
	Payload	(lb)	3,000
	Gross	(lb)	11,890
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 60½	Rear 67½	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	31
Fording depth	(in.)	
Angle of approach	(deg)	41½
Angle of departure	(deg)	29
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	43
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BVA-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	2,850
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMBINATION STAKE AND PLATFORM, C.O.E., 1½-TON, 4 x 4, K-33 AND K-54

Technical Manuals: **Parts List:**

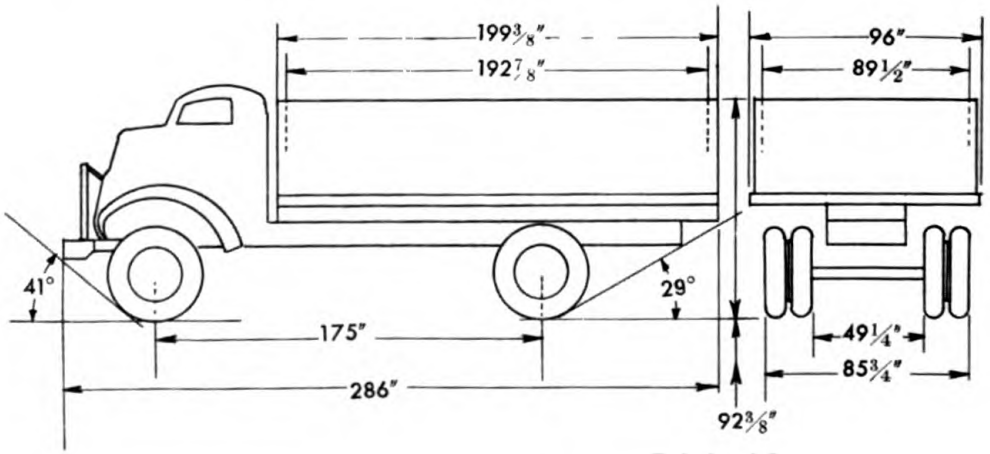
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)



RA PD 66587

Classification: K-33 limited standard; K-54 standard

Purpose: Used by Signal Corps to transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, COMBINATION STAKE AND PLATFORM, C.O.E. 1½-TON, 4 x 4, K-33 AND K-54

GENERAL DATA

Crew			2
Weight	Net	(lb)	8,570
	Payload	(lb)	3,000
	Gross	(lb)	11,570
Shipping dimensions	(cu ft) 1,963	(sq ft) 191	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center		(in.)	68
Ground clearance		(in.)	9½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	7½
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	31
Fording depth	(in.)	32
Angle of approach	(deg)	41
Angle of departure	(deg)	23
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	43
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BVA-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	2,850
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

K-33 is the same as K-54.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, DUMP, 1½-TON, 4 x 4

Technical Manuals: Chevrolet, TM 10-1557, TM 10-1127 (C1), TM 10-1203, TM 10-1431.
Dodge, TM 10-1179, TM 10-1193.

Parts Lists: SNL G-621 (Dodge)
SNL G-506 (Chev.)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Dodge Brothers (Div. of Chrysler Corp.).

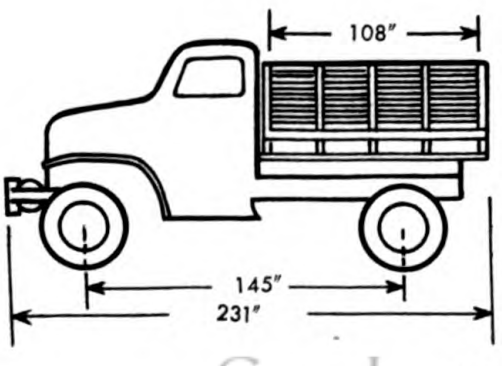


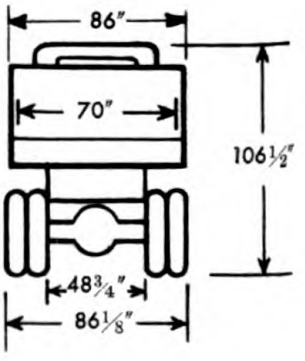
RA PD 66571

Vehicle illustrated above: Chevrolet

Classification: Limited standard

Purpose: To transport and dump earth, sand, gravel, coal, etc., and to carry general cargo.





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SECTION VIII—TRUCKS

TRUCK, DUMP, 1½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	8,300*
	Payload	(lb)	3,000*
	Gross	(lb)	11,300*
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 60½	Rear 67½	
Ground clearance		(in.)	10
Pintle height		(in.)	30 3/16
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach (deg)	with winch 39	without winch 45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model 1941 BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb)	Net 9,130	Payload 3,000	Gross 12,130

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, EARTH AUGER, 1½-TON, 4 x 4, M1

Technical Manuals: Chevrolet, TM 10-1127, TM 10-1203.

Parts Lists:

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Ford Motor Co.

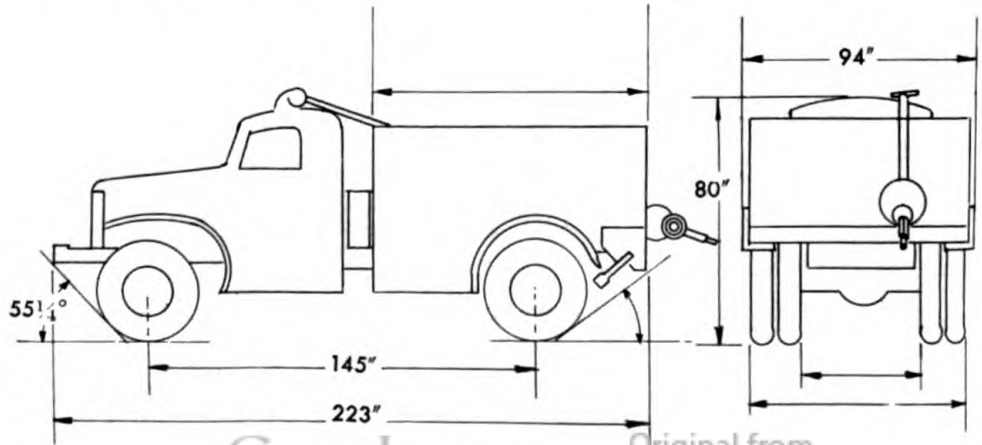


RA PD 66573

Vehicle illustrated above: Chevrolet

Classification: Limited standard

Purpose: Used by Corps of Engineers to provide mobile equipment for earth boring and telephone pole setting.



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SECTION VIII—TRUCKS

TRUCK, EARTH AUGER, 1½-TON, 4 x 4, M1

GENERAL DATA

Crew			2
Weight	Net	(lb)	7,200
	Payload	(lb)	3,000
	Gross	(lb)	10,200
Shipping dimensions	(cu ft) 1,419	(sq ft) 164	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	35
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	7½
	Transmission w/o P.T.O.	(pt)	5½
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	315
Maximum allowable speed	(mph)	48
Number of speeds forward		

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

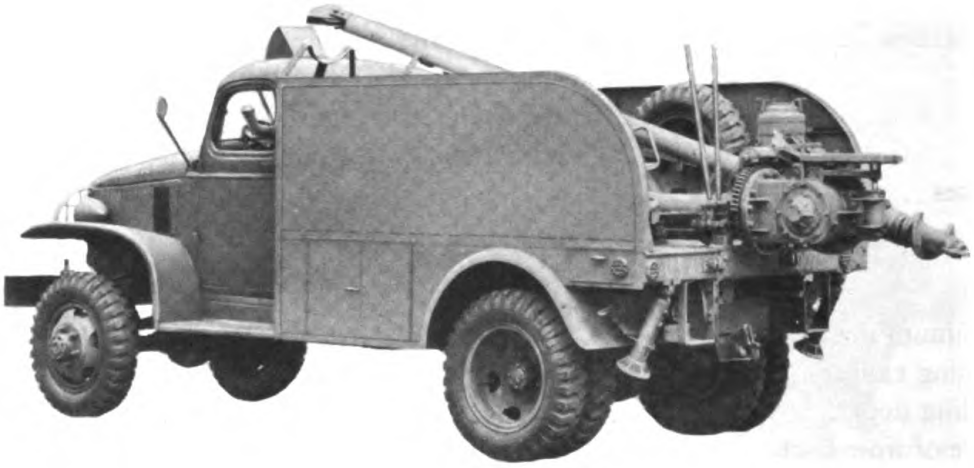
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, EARTH BORER AND POLESETTER, 1½-TON, 4 x 4, K-44

Technical Manuals: Parts List:

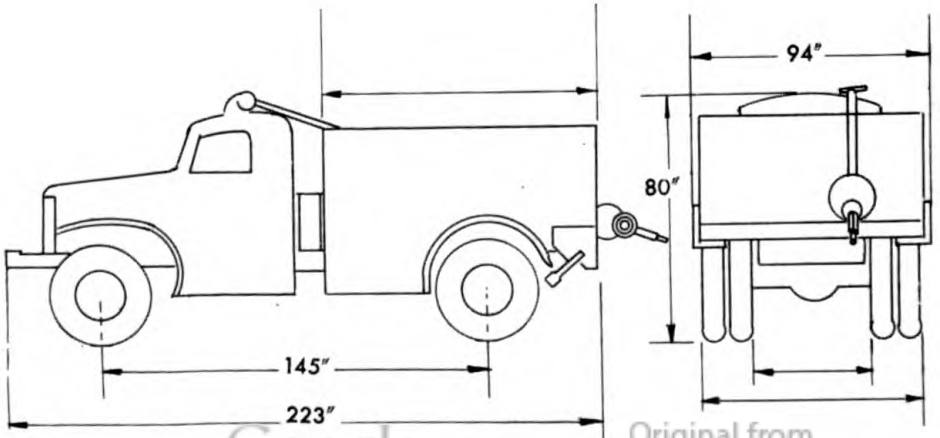
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)



RA PD 66573

Classification: Standard

Purpose: Used by Signal Corps to provide mobile equipment for earth-boring and telephone pole-setting.



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SECTION VIII—TRUCKS

TRUCK, EARTH BORER AND POLESETTER, 1½-TON, 4 x 4, K-44

GENERAL DATA

Crew			2
Weight	Net	(lb)	7,200
	Payload	(lb)	3,000
	Gross	(lb)	10,200
Shipping dimensions	(cu ft) 1,438	(sq ft) 164	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	35
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	7½
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	55
Angle of departure	(deg)	39
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	315
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

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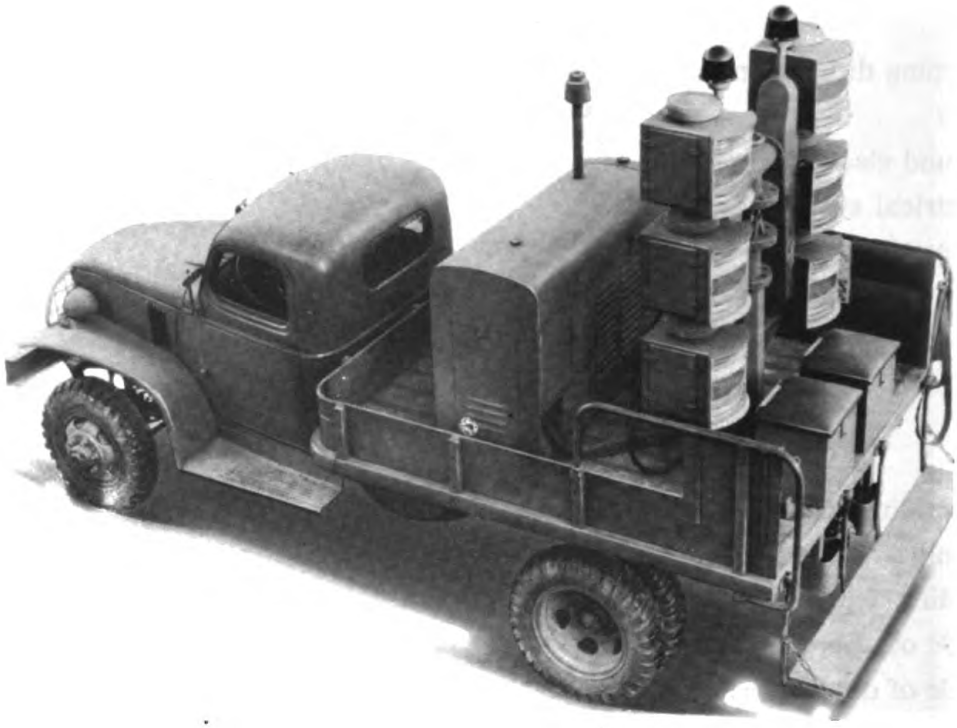
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, FIELD LIGHTING, 1½-TON, 4 x 4, J-3 AND J-4

Technical Manuals: Parts List:

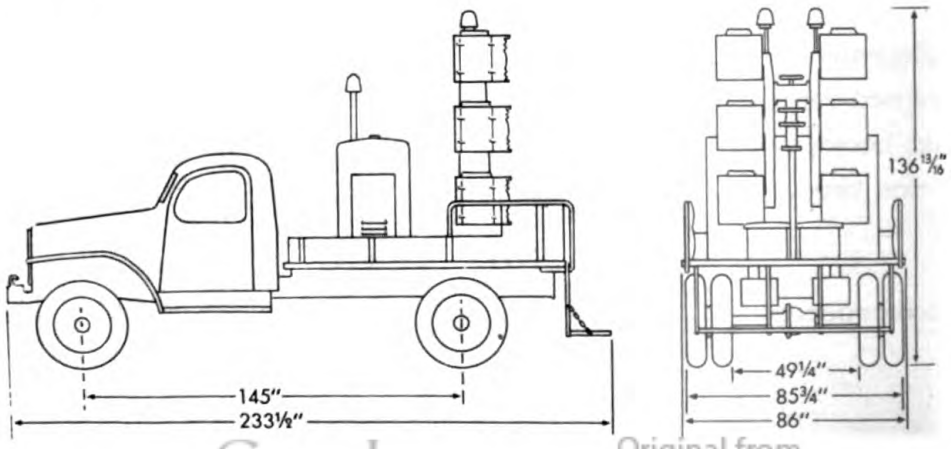
Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Equipment—American Gas Accumulator Co., Models J-3, J-4.



RA PD 309024

Classification: Standard

Purpose: Used by Army Air Forces to transport lighting equipment for airfields.



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SECTION VIII—TRUCKS

TRUCK, FIELD LIGHTING, 1½-TON, 4 x 4, J-3 AND J-4

GENERAL DATA

Crew			2
Weight	Net	(lb)	7,200
	Payload	(lb)	3,000
	Gross	(lb)	10,200
Shipping dimensions	(cu ft) 1,430	(sq ft) 130	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	7½
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	28
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	195
Maximum allowable speed	(mph)	48
Number of speeds forward		

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Difference between J-3 and J-4 is power plant for electrical supply.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, FIELD LIGHTING, 1½-TON, 4 x 4, J-5

Technical Order: T.O. 19-10-7. Parts List:

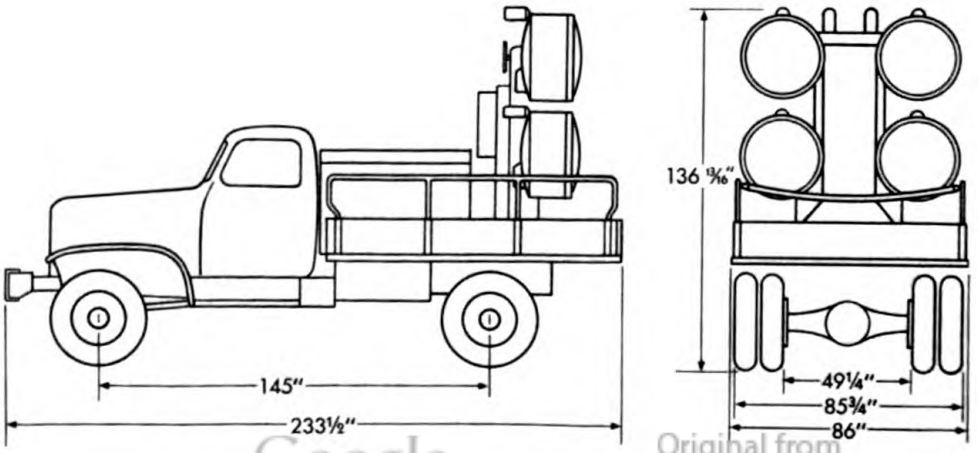
Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Equipment—Davey Compressor Co., Model J-5.



RA PD 309028

Classification: Standard

Purpose: Used by Army Air Forces to transport lighting equipment for airfields.



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SECTION VIII—TRUCKS

TRUCK, FIELD LIGHTING, J-5, 1½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	7,200
	Payload	(lb)	3,000
	Gross	(lb)	10,200
Shipping dimensions	(cu ft) 1,430	(sq ft) 130	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	7½
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	28
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	195
Maximum allowable speed	(mph)	48
Number of speeds forward		

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Chassis is equipped with power take-off for generator.

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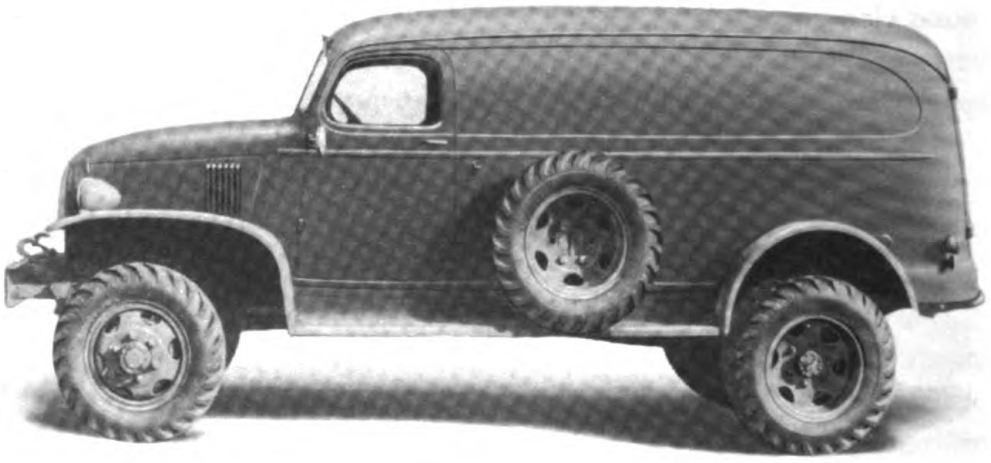
STANDARD MILITARY MOTOR VEHICLES

TRUCK, PANEL DELIVERY, 1½-TON, 4 x 4

Technical Manuals: TM 10-1203, TM 10-1127 (C1), TM 10-1431.

Parts List: SNL G-506

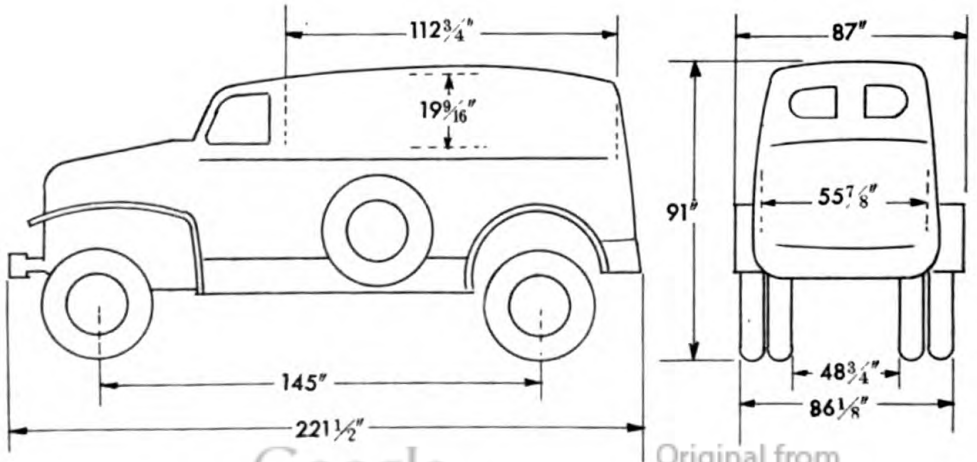
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)



Classification: Standard

RA PD 309098

Purpose: To transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, PANEL DELIVERY, 1½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	6,760
	Payload	(lb)	3,000
	Gross	(lb)	9,760
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 60½	Rear 67½	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	28
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model 1942 BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

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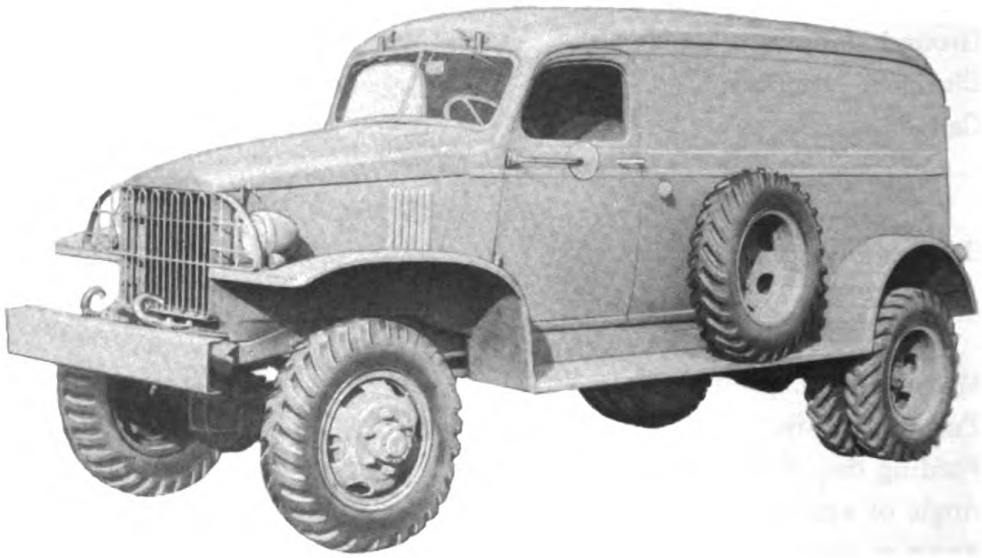
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PANEL DELIVERY, 1½-TON, 4 x 4, K-51

Technical Manuals: TM 10-1203, TM 10-1127 (C1), TM 10-1431. Parts List:

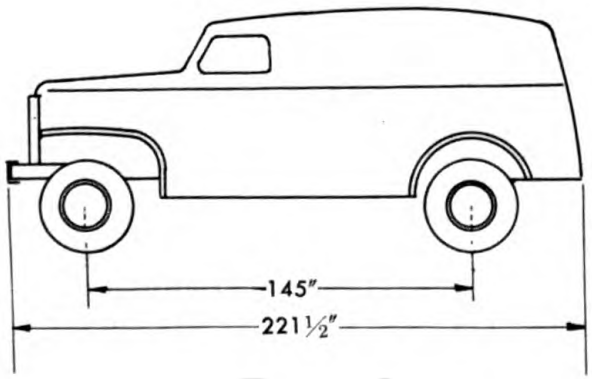
Manufacturer: Chevrolet Motor Div. (General Motors Corp.), (Model G 7107).

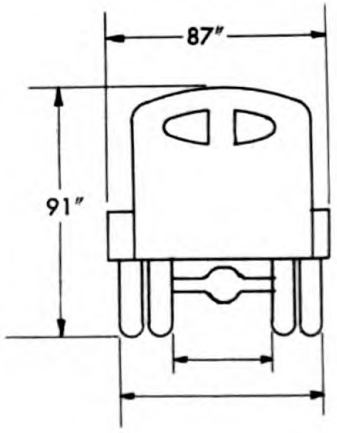


RA PD 66581

Classification: Limited standard

Purpose: Used by the Signal Corps to transport light general cargo.





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SECTION VIII—TRUCKS

TRUCK, PANEL DELIVERY, 1½-TON, 4 x 4, K-51

GENERAL DATA

Crew			2
Weight	Net	(lb)	6,760
	Payload	(lb)	3,000
	Gross	(lb)	9,760
Shipping dimensions	(cu ft) 1,541	(sq ft) 133	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Ground clearance		(in.)	9⅞
Tread, center to center		(in.)	67¾
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	7½
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	53
Angle of departure	(deg)	40
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, TELEPHONE CONSTRUCTION AND MAINTENANCE, 1½-TON, 4 x 4, K-43

Technical Manual: TM 10-1203. Parts List:

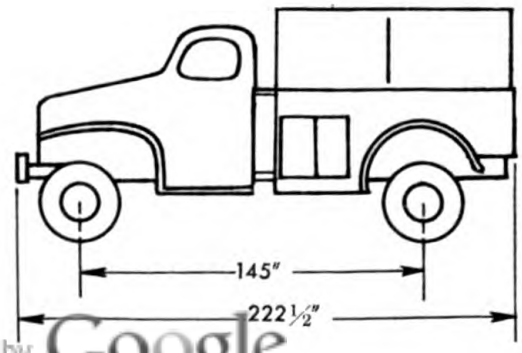
Manufacturer: Chevrolet Motor Div. (General Motors Corp.)

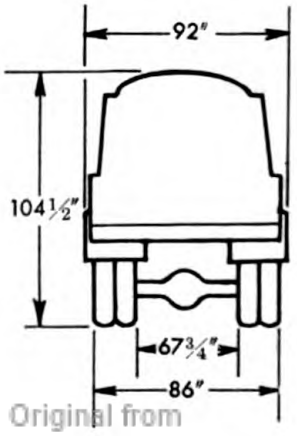


RA PD 66589

Classification: Limited standard

Purpose: Used by Signal Corps to provide mobile facilities for telephone maintenance and construction.





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SECTION VIII—TRUCKS

TRUCK, TELEPHONE CONSTRUCTION AND MAINTENANCE, 1½-TON, 4 x 4, K-43

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,215
	Payload	(lb)	1,035
	Gross	(lb)	11,250
Shipping dimensions	(cu ft) 3,070	(sq ft) 140	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	35
	Cooling system	(qt)	17
	Crankcase	(qt)	7½
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	54
Angle of departure	(deg)	35
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions (approx)	(miles)	315
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity (lb)

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, TURRET TRAINER, 1½-TON, 4 x 4, E-5

Technical Order: T.O. 11-65-1 Parts List:

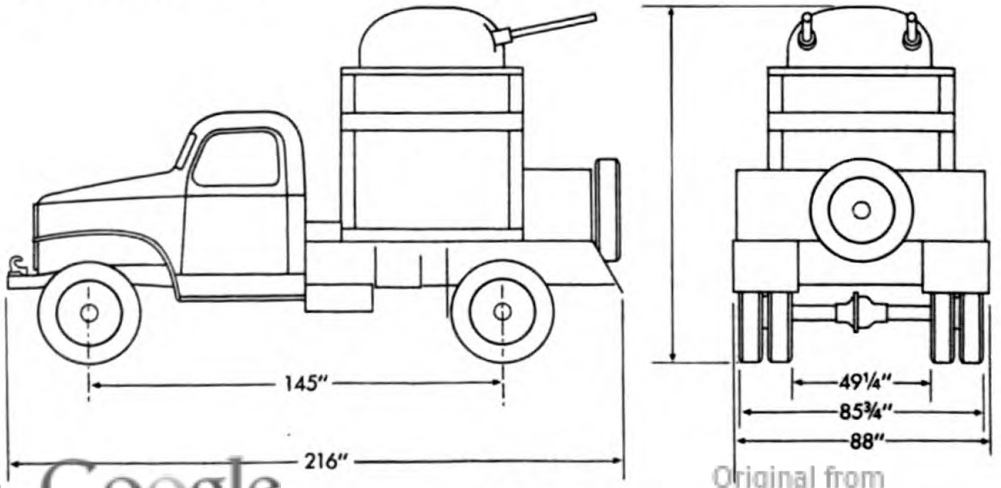
Manufacturers: Chevrolet Motor Div. (General Motors Corp.)
Equipment—Herman Body Co.



RA PD 309026

Classification: Standard

Purpose: Used by Army Air Forces to provide mobile facilities for aerial gunnery training.



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SECTION VIII—TRUCKS

TRUCK, TURRET TRAINER, 1½-TON, 4 x 4, E-5

GENERAL DATA

Crew			
Weight	Net	(lb)	6,775
	Payload	(lb)	3,000
	Gross	(lb)	9,775
Shipping dimensions	(cu ft) 1,294	(sq ft) 132	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	7½
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		

ENGINE

Manufacturer	Chevrolet	Model BV-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO AND PERSONNEL CARRIER, 1½-TON, 6 x 6

Technical Manuals: TM 9-810, TM 9-1808A. Parts List: SNL G-507

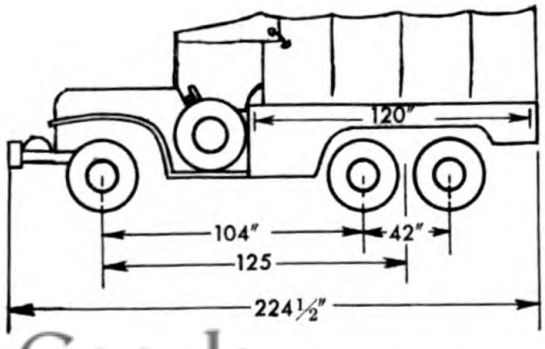
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)

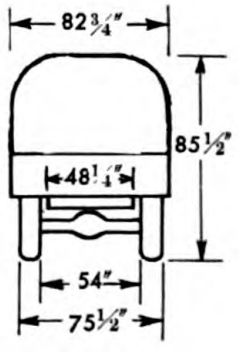


RA PD 66585

Classification: Standard

Purpose: To transport personnel and general cargo.





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SECTION VIII—TRUCKS

TRUCK, CARGO AND PERSONNEL CARRIER, 1½-TON, 6 x 6

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew	
Weight		Net (lb)	6,925*
		Payload (lb)	3,000*
		Gross (lb)	9,925*
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 9.00 x 16	
Tread, center to center		(in.)	64¾
Ground clearance		(in.)	10⅝
Pintle height (in.)	Loaded 26¾	Unloaded 27 5/16	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	30
	Cooling system	(qt)	18
	Crankcase	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	26½
Fording depth	(in.)	34
Angle of approach (deg)	with winch 37½	without winch 54
Angle of departure	(deg)	31
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	54
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Model T-223	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			92
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	5,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb) . . . . Net 7,375; Payload 3,000; Gross 10,375

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, ORDNANCE MAINTENANCE, 1½-3 TON, 4 x 4

Technical Manuals: TM 10-1231, TM 10-1401, TM 10-1136, TM 10-1215.

Parts Lists: SNL G-57, SNL G-58, SNL G-59, SNL G-72, SNL G-82, SNL G-83, SNL G-84, SNL G-91. SNL G-92.

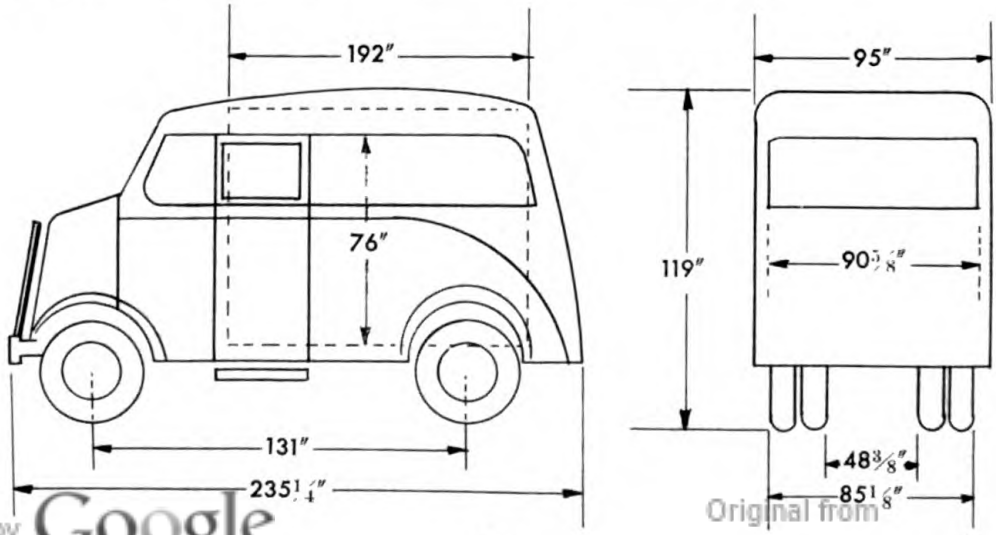
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.



Classification: Limited standard

RA PD 309096

Purpose: To provide mobile facilities for small arms repair.



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SECTION VIII—TRUCKS

TRUCK, ORDNANCE MAINTENANCE, 1½-3 TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	9,710
	Payload	(lb)	3,290
	Gross	(lb)	13,000
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 62¼	Rear 66¾	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	30
	Cooling system	(qt)	23
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius (ft)	Right 27	Left 28
Fording depth	(in.)	
Angle of approach	(deg)	45
Angle of departure	(deg)	21
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	225
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 278	
Type	In-line, 4 cycle	Number of cylinders	
Displacement		(cu in.)	248.5
Governed speed		(rpm)	2,870
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

Data given is for Truck, small arms repair, M1. The same basic vehicle with different equipment is used as: Truck, artillery repair, M1 and M2; Truck, automotive repair, M1 and M2; Truck, instrument repair, M1; Truck, light machine shop, M3; Truck, machine shop, M4; Truck, small arms repair, M1; Truck, spare parts, M1 and M2; Truck, tank maintenance, M1; Truck, tool and bench, M2.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, 2½-TON, 4 x 2

Technical Manuals: General Motors, TM 10-1261 (C1). International Harvester, TM 10-1115, TM 10-1141, TM 10-1345.

Parts Lists: SNL G-541 (IHC) SNL G-623 (GMC) SNL G-624 (Mack)

Manufacturers: General Motors Truck & Coach Div. of Yellow Truck & Coach Mfg. Co.; International Harvester Co.; Mack Mfg. Co.

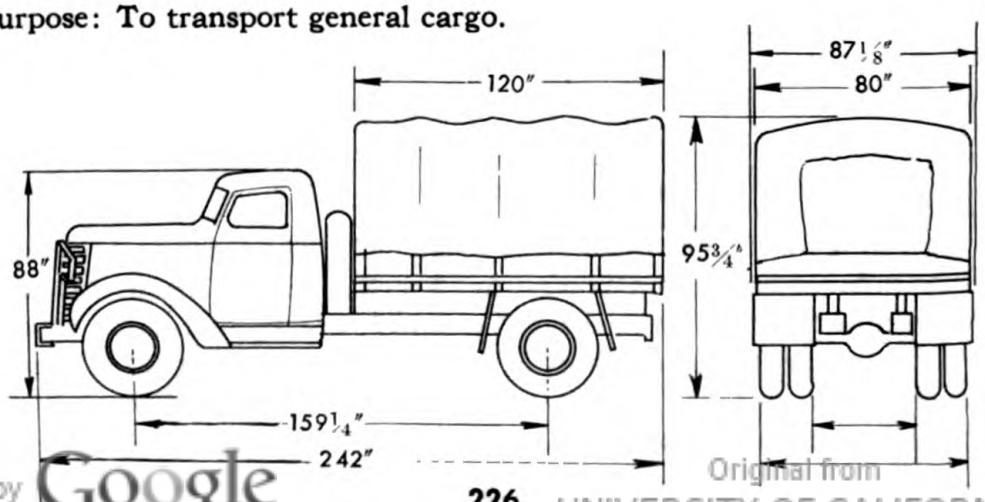


RA PD 308948

Vehicle illustrated above: GMC

Classification: Standard

Purpose: To transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, CARGO, 2½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	7,318
	Payload	(lb)	5,000
	Gross	(lb)	12,318
Tires	Ply . . . 10	Size . . . 8.25 x 20	
Tread, center to center		(in.)	67¾
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, octane gasoline	(gal)	30
	Cooling system	(qt)	23
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)
Turning radius	(ft) 27
Fording depth	(in.)
Angle of approach	(deg) 36
Angle of departure	(deg) 25
Fuel consumption, average conditions	(miles per gal) 9
Cruising range, average conditions	(miles) 270
Maximum allowable speed	(mph)
Number of speeds forward	

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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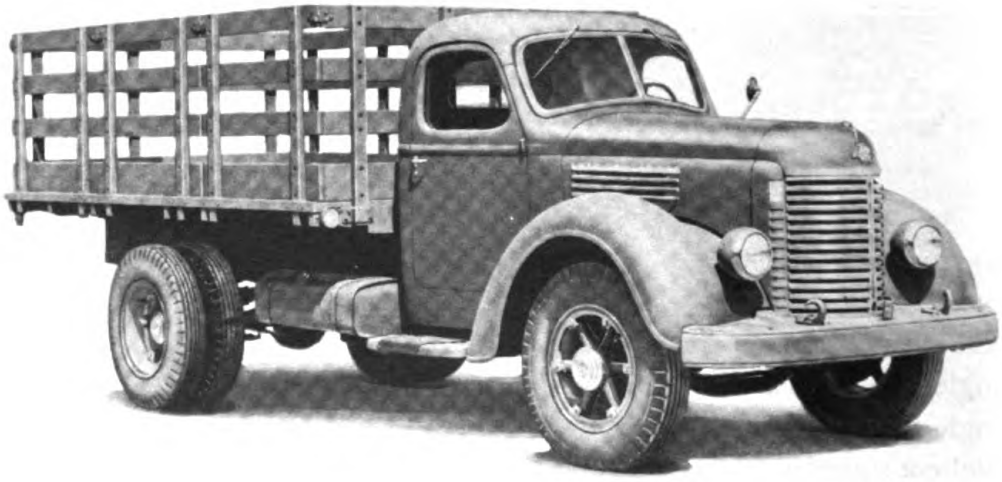
STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMBINATION STAKE AND PLATFORM, 2½-TON, 4 x 2

Technical Manuals:
IHC, TM 10-1141, TM 10-1115, TM 10-1173 (C1).
Mack, TM 10-1273.
GMC, TM 10-1261 (C1), TM 10-1515.

Parts Lists: SNL G-623 (GMC)
SNL G-541 (IHC)
SNL G-624 (Mack)

Manufacturers: General Motors Truck and Coach Div. of Yellow Truck & Coach Mfg. Co.; International Harvester Co.; Mack Mfg. Corp.

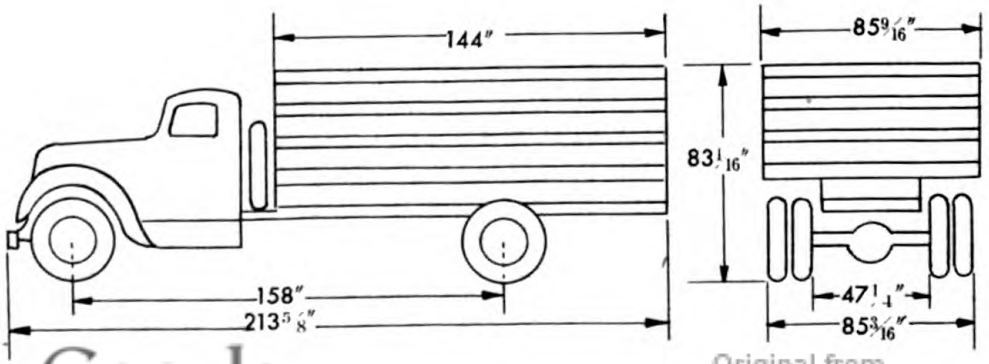


RA PD 308971

Vehicle illustrated above: International Model K-7

Classification: Standard

Purpose: To transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, COMBINATION STAKE AND PLATFORM, 2½-TON, 4 x 2

GENERAL DATA

Crew, operating	Passenger capacity, including crew		
Weight	Net	(lb)	8,521
	Payload	(lb)	5,000
	Gross	(lb)	13,521
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 8.25 x 20	
Tread, center to center		(in.)	65 7/16
Ground clearance		(in.)	10 1/16
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	21
	Cooling system	(qt)	18 1/2
	Crankcase (refill)	(qt)	6 1/2
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	43
Turning radius	(ft)	27 1/2
Fording depth	(in.)	26 3/16
Angle of approach	(deg)	31
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	180
Maximum allowable speed	(mph)	54
Number of speeds forward		5

ENGINE

Manufacturer	IHC	Model FAC-269	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(in.)	269
Governed speed		(rpm)	3,000
Brake horsepower			88
Ignition type		Battery	

ADDITIONAL DATA

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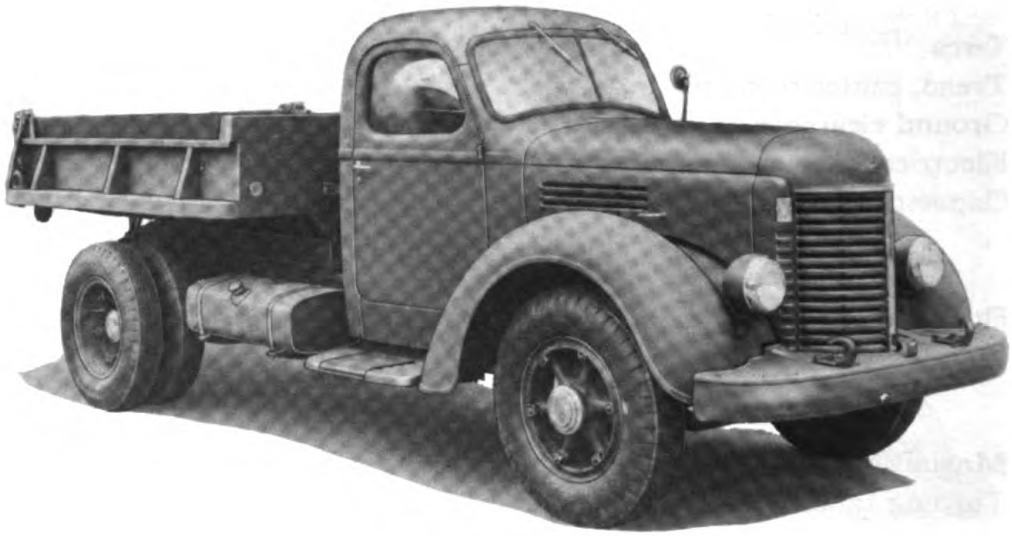
STANDARD MILITARY MOTOR VEHICLES

TRUCK, DUMP, 2½-TON, 4 x 2

Technical Manuals: TM 10-1115, TM 10-1141, TM 10-1345, TM 10-1511, TM 10-1685.

Parts List: SNL G-541

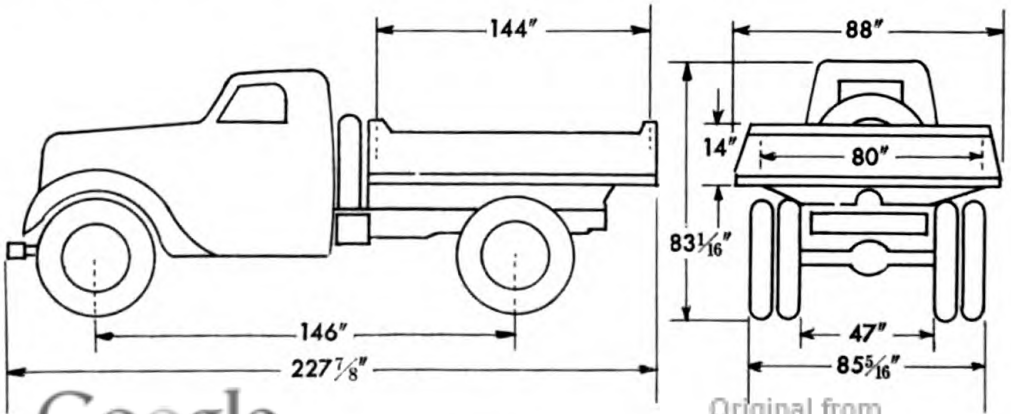
Manufacturer: International Harvester Co.



RA PD 308949

Classification: Standard

Purpose: To transport and dump earth, sand, gravel, etc., and to transport general cargo.



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SECTION VIII—TRUCKS

TRUCK, DUMP, 2½-TON, 4 x 2

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew	4
Weight		Net (lb)	11,000
		Payload (lb)	5,000
		Gross (lb)	16,000
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 8.25 x 20	
Tread, center to center (in.)	Front 65½	Rear 66⅛	
Ground clearance		(in.)	10 1/16
Pintle height	Loaded 27⅝	Unloaded 31⅝	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	31
	Cooling system	(qt)	23
	Crankcase (refill)	(qt)	5½
Brakes		(Wagner) Hydraulic	

PERFORMANCE

Maximum gradability (percent)	43
Turning radius (ft)	27½
Fording depth (in.)	26
Angle of approach (deg)	31
Angle of departure (deg)	18
Fuel consumption, average conditions (miles per gal)	9
Cruising range, average conditions (miles)	279
Maximum allowable speed (mph)	54
Number of speeds forward	5

ENGINE

Manufacturer	IHC	Model FAC-269	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.1
Governed speed		(rpm)	3,000
Brake horsepower			88
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, OIL SERVICING, 660-GAL, L-1, 2½-TON, 4 x 4

Technical Order: T.O. 19-25-23 Parts List:

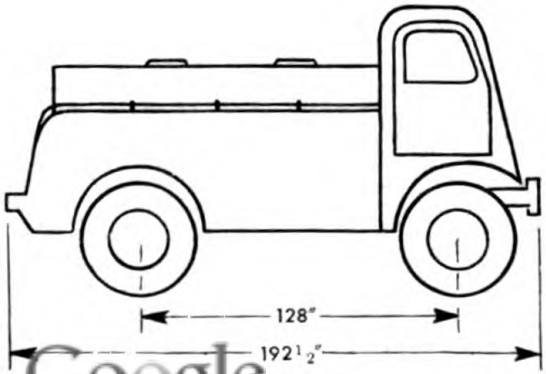
Manufacturers: Vehicle—The Autocar Co.; Equipment—The Heil Co.

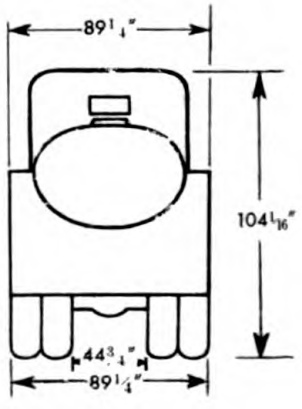


RA PD 309030

Classification: Limited standard

Purpose: Used by Army Air Forces to provide mobile oil servicing facilities for airfields.





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SECTION VIII—TRUCKS

TRUCK, CARGO, 2½-TON, 6 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	9,635*
	Payload	(lb)	10,000*
	Gross	(lb)	19,635*
Shipping dimensions	(cu ft) w/o winch 88	(sq ft)	154
	w/winch 93		162
Tires	Ply 8	Size	7.50 x 20
Tread, center to center (in.)	Front 66⅞	Rear	67¾
Ground clearance		(in.)	10
Pintle height (in.)	Loaded 30⅞	Unloaded	32⅝
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	21
	Crankcase (refill)	(qt)	6½
Brakes	(Lockheed) Hydraulic with booster		

PERFORMANCE

Maximum gradability		(percent)	30
Turning radius (ft)	Right 34½	Left	35
Angle of approach (deg)	with winch 30	without winch	40
Angle of departure		(deg)	44
Fuel consumption, average conditions		(miles per gal)	5.9
Cruising range, average conditions		(miles)	230
Maximum allowable speed		(mph)	45
Number of speeds forward			5

ENGINE

Manufacturer	Hercules	Model	JXD
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	320
Governed speed		(rpm)	2,620
Brake horsepower			87
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb)	Net 10,245	Payload 10,000	Gross 20,245

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, SEARCHLIGHT, C.O.E., 2½-TON, 6 x 4

Technical Manual: Parts List: SNL G-628

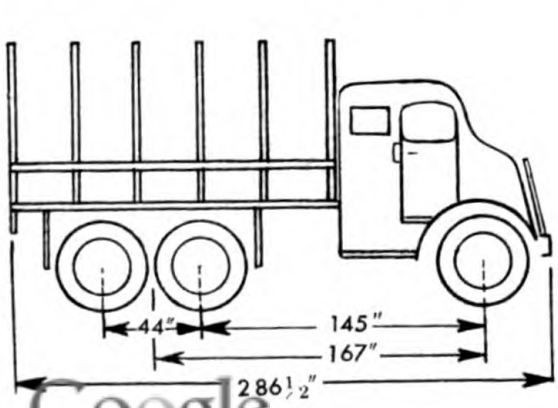
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

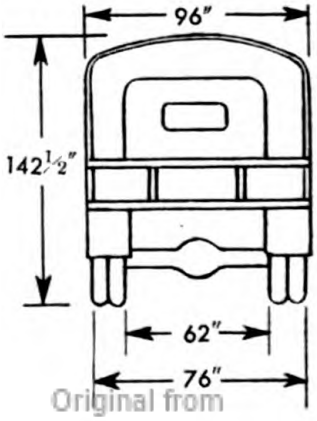


RA PD 66621

Classification: Limited standard

Purpose: To transport searchlight equipment.





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SECTION VIII—TRUCKS

TRUCK, SEARCHLIGHT, C.O.E., 2½-TON, 6 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,820
	Payload	(lb)	5,000
	Gross	(lb)	15,820
Shipping dimensions, with top up	(cu ft) 2,304	(sq ft) 192	
Tires	Ply 8	Size 7.00 x 20	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	24
	Crankcase	(qt)	10
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	45
Turning radius (ft)	Right 34¾	Left 31½	
Fording depth		(in.)	
Angle of approach		(deg)	40
Angle of departure		(deg)	22
Fuel consumption, average conditions with towed load		(miles per gal)	9
Cruising range, average conditions with towed load		(miles)	360
Maximum allowable speed		(mph)	45
Number of speeds forward			

ENGINE

Manufacturer	GMC	Model 256	
Type	In-line, 4 cycle	Number of cylinders	
Displacement		(cu in.)	256.8
Governed speed		(rpm)	2,700
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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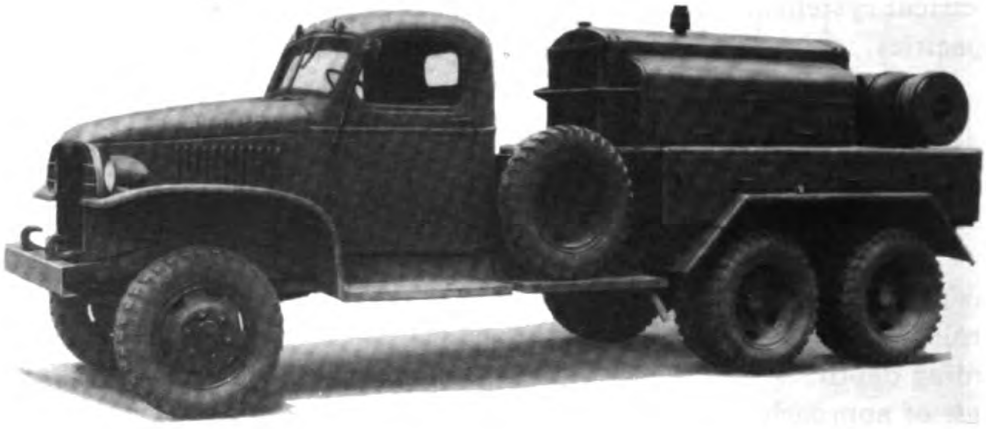
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, AIR COMPRESSOR, 2½-TON, 6 x 6

Technical Manuals: Parts List: SNL G-508

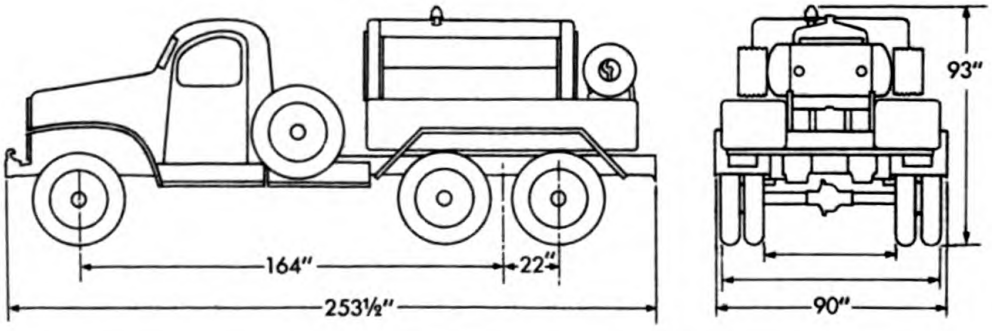
Manufacturers: Chassis and Cab, General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.; Air Compressor, Le Roi Model D 318.



RA PD 308990

Classification: Standard

Purpose: To provide mobile air compression equipment (Corps of Engineers).



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SECTION VIII—TRUCKS

TRUCK, AIR COMPRESSOR, 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Gross	(lb)	14,300
Shipping dimensions	(cu ft) 1,304	(sq ft) 163	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Fording depth	(in.)	
Angle of approach	(deg)	54
Angle of departure	(deg)	36
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

Motorized air compressor, Le Roi model 105 GA; powered by Le Roi model D318 (318 cu in.) engine equipped with 50 gallon gasoline tank. These vehicles built with open cab after July, 1943.

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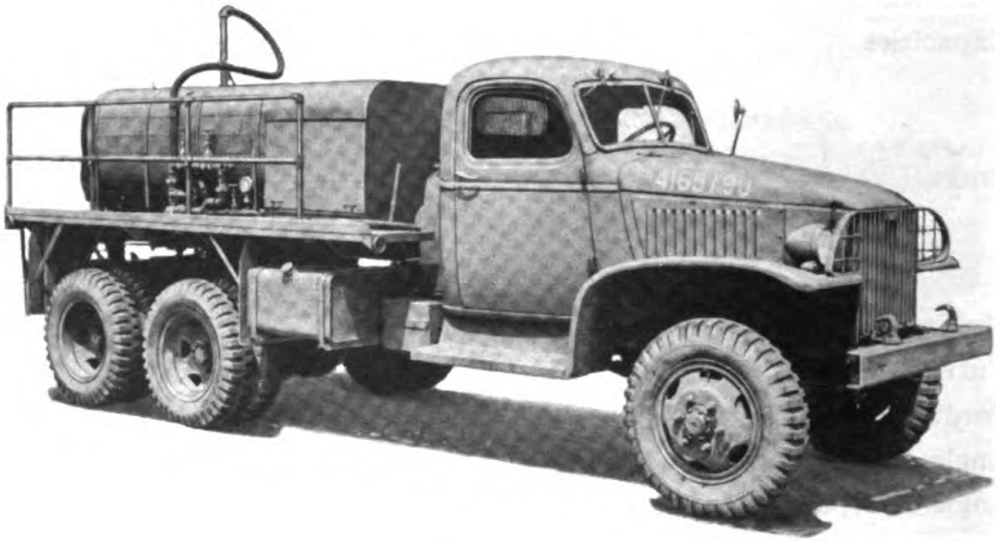
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STANDARD MILITARY MOTOR VEHICLES

APPARATUS, DECONTAMINATING, POWER-DRIVEN, M3A1 (CHASSIS: TRUCK, 2½-TON, 6 x 6)

Technical Manuals: Parts List: SNL G-508

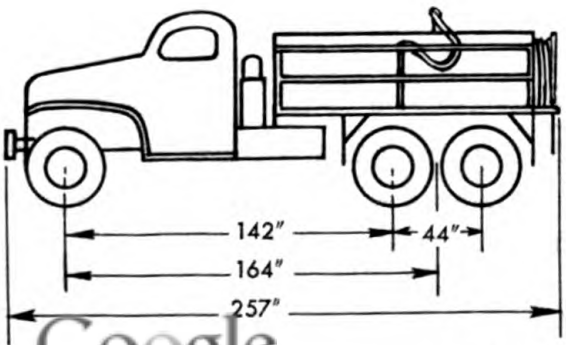
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

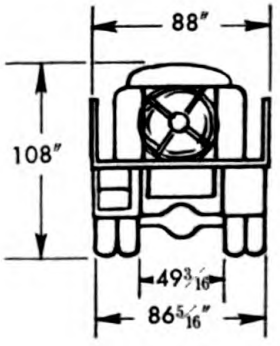


RA PD 308979

Classification: Limited standard

Purpose: Used by Chemical Warfare Service to transport decontamination material and spraying equipment.





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SECTION VIII—TRUCKS

APPARATUS, DECONTAMINATING, POWER DRIVEN, M3A1 (CHASSIS: TRUCK, 2½-TON, 6 x 6)

GENERAL DATA

Crew			4
Weight	Net	(lb)	9,910
	Payload	(lb)	5,000
	Gross	(lb)	14,910
Shipping dimensions	(cu ft) 1,414	(sq ft) 157	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Fording depth	(in)	
Angle of approach	(deg)	54
Angle of departure	(deg)	37
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition, type		Battery	

ADDITIONAL DATA

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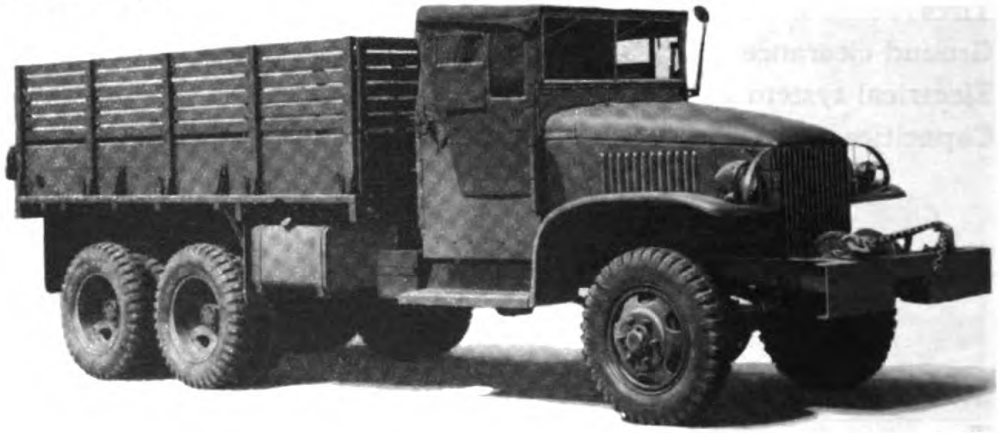
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, L.W.B., 2½-TON, 6 x 6

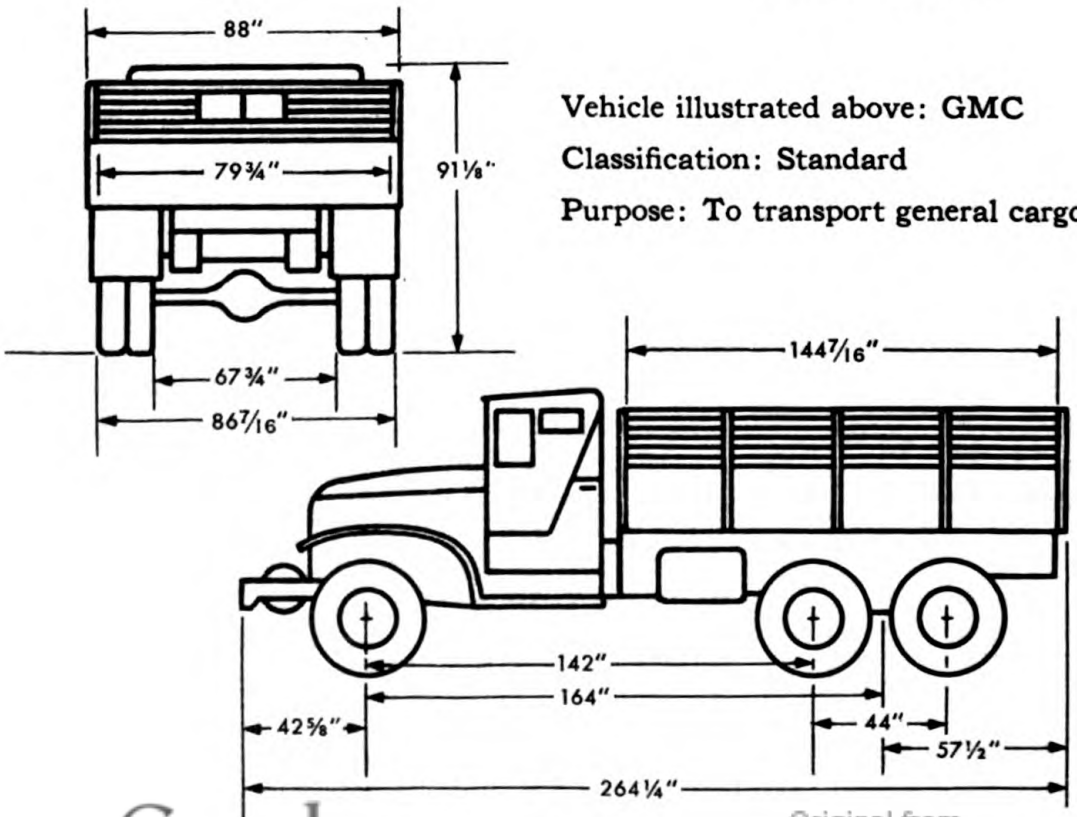
Technical Manuals:
GMC, TM 9-801.
IHC, TM 10-1505.
Studebaker, TM 10-1385 (C1), TM 10-1503, TM 10-1565, TM 10-1387.

Parts Lists: SNL G-508 (GMC)
SNL G-651 (IHC)
SNL G-630 (Stud.)

Manufacturers: General Motors Truck and Coach Division of Yellow Truck and Coach Mfg. Co.; International Harvester Co.; The Studebaker Corp.



RA PD 308983



Vehicle illustrated above: GMC

Classification: Standard

Purpose: To transport general cargo.

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SECTION VIII—TRUCKS

TRUCK, CARGO, L.W.B., 2½-TON, 6 x 6

GENERAL DATA

Crew, operating			2
Weight	Net	(lb)	10,050*
	Payload	(lb)	5,000*
	Gross	(lb)	15,050*
Shipping dimensions	(cu ft) 1,429	(sq ft) 156	*
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 62¼	Rear 67¾	
Ground clearance		(in.)	10
Pintle height (in.)	Loaded 30½	Unloaded 32	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Fording depth	(in.)	
Angle of approach (deg)	with winch 31	without winch 54
Angle of departure	(deg)	36
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	45
Number of speeds forward		5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	10,000

*Figures given are for vehicles without winch. For vehicles with winch use the following data:

Weight (lb) Net 11,000 Payload 5,000 Gross 16,000
cu ft 1,511 sq ft 165.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, C.O.E., 15 FT BODY, 2½-TON, 6 x 6

Technical Manual: TM 9-809. Parts List: SNL G-508

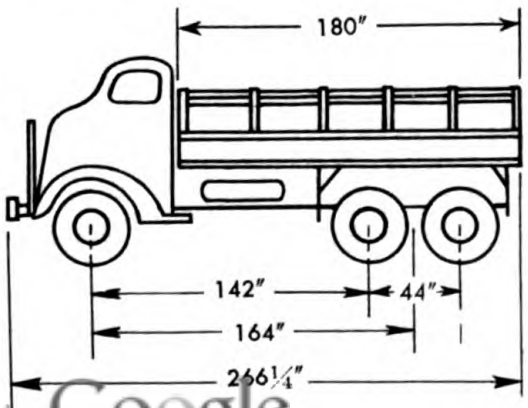
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

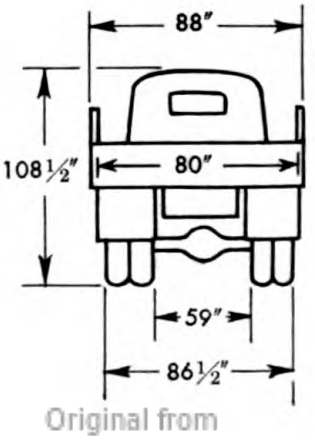


RA PD 308951

Classification: Standard

Purpose: To transport general cargo and personnel. This vehicle has a special 15-foot body and troop seats.





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SECTION VIII—TRUCKS

TRUCK, CARGO, C.O.E., 15 FT BODY, 2½-TON, 6 x 6

GENERAL DATA

Crew				2
Weight	Net		(lb)	10,810
	Payload		(lb)	3,600
	Gross		(lb)	14,410
Shipping dimensions	(cu ft) 1,474		(sq ft) 163	
Tires	Ply 8	Size	7.50 x 20	
Tread, center to center (in.)	Front $62\frac{1}{4}$		Rear $67\frac{3}{4}$	
Ground clearance			(in.)	$9\frac{7}{8}$
Electrical system			(volts)	6
Capacities	Fuel, 68 octane gasoline		(gal)	40
	Cooling system		(qt)	19
	Crankcase (refill)		(qt)	11
Brakes			Hydraulic	

PERFORMANCE

Maximum gradability			(percent)	65
Turning radius (ft)	Right $34\frac{1}{2}$		Left 34	
Fording depth			(in.)	
Angle of approach			(deg)	45
Angle of departure			(deg)	$32\frac{1}{2}$
Fuel consumption, average conditions			(miles per gal)	7.5
Cruising range, average conditions			(miles)	300
Maximum allowable speed			(mph)	45
Number of speeds forward				5

ENGINE

Manufacturer	GMC		Model 270	
Type	In-line, 4 cycle	Number of cylinders		6
Displacement			(cu in.)	269.5
Governed speed			(rpm)	2,750
Brake horsepower				104
Ignition			Battery	

ADDITIONAL DATA

About 25 percent of these vehicles are being equipped with truck mount M36 for antiaircraft machine gun.

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TRUCK, CHEMICAL SERVICE, 2½-TON, 6 x 6, M1

Technical Manuals: Parts List:

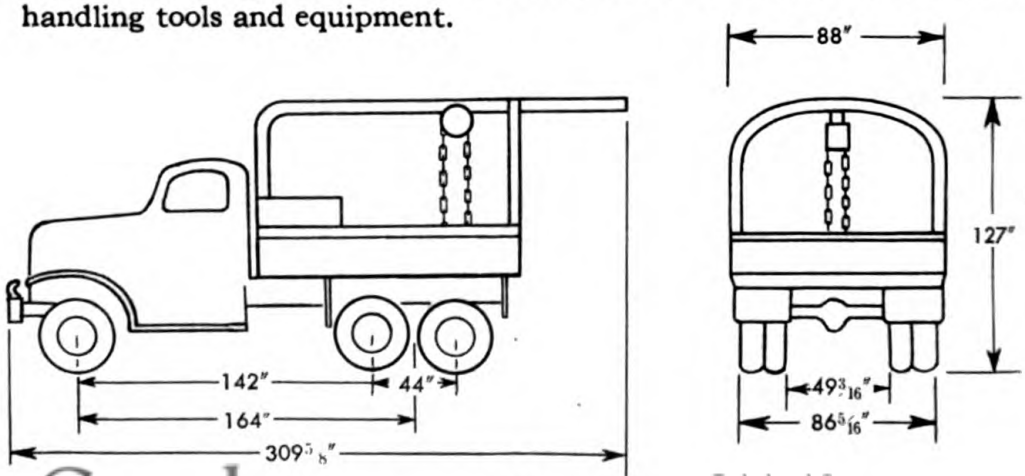
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.



RA PD 308980

Classification: Standard

Purpose: Used by Chemical Warfare Service to transport chemical handling tools and equipment.



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SECTION VIII—TRUCKS

TRUCK, CHEMICAL SERVICE, 2½-TON, 6 x 6, M1

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,100
	Payload	(lb)	5,000
	Gross	(lb)	16,100
Shipping dimensions	(cu ft) 2,011	(sq ft)	190
Tires	Ply. . .8	Size. . .7.50 x 20	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes			(Hydrovac) Hydraulic

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Fording depth	(in.)	
Angle of approach	(deg)	54
Angle of departure	(deg)	36
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		5

ENGINE

Manufacturer	GMC		Model 270
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type			Battery

ADDITIONAL DATA

These vehicles equipped with open cabs after 1 July 1943.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, DUMP, L.W.B., 2½-TON, 6 x 6

Technical Manual: TM 10-1261 (C1). Parts List: SNL G-508

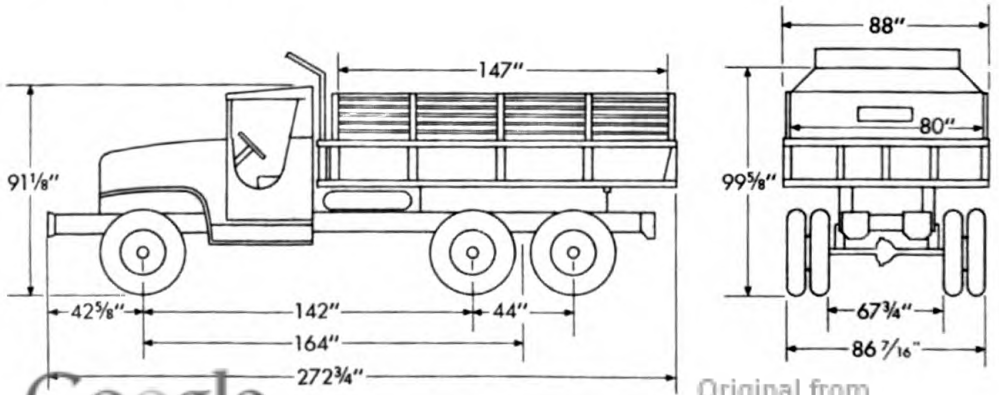
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.



RA PD 309110

Classification: Standard

Purpose: To transport and dump earth, sand, gravel, coal, etc., and to carry general cargo.



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SECTION VIII—TRUCKS

TRUCK, DUMP, L.W.B., 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,850
	Payload	(lb)	5,000
	Gross	(lb)	16,850
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 37½	Left 37	
Fording depth		(in.)	
Angle of approach		(deg)	31
Angle of departure		(deg)	36
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	
Maximum allowable speed		(mph)	45
Number of speeds forward			

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

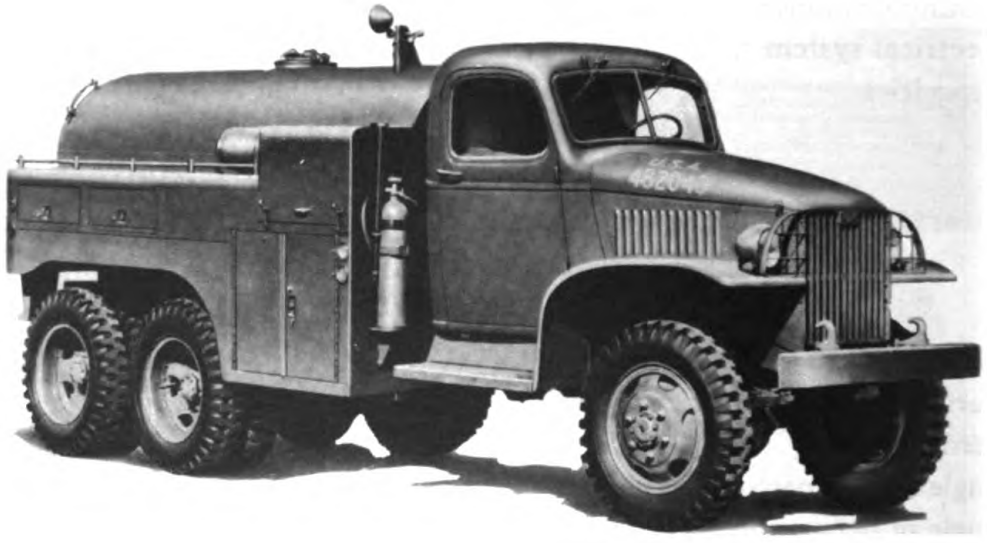
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, FUEL OR OIL SERVICING, 750 GAL., 2½-TON, 6 x 6, F-3

Technical Orders: T.O. 19-25-47. Parts List:

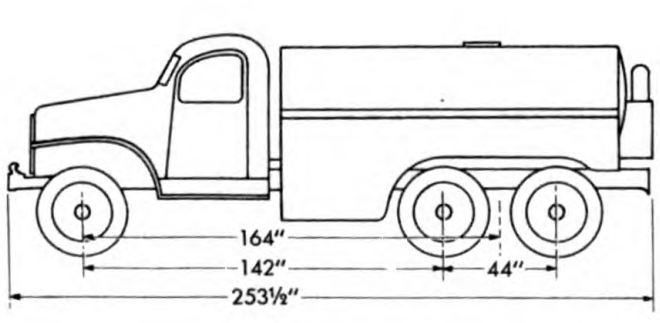
Manufacturers: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.; Equipment—The Heil Co.

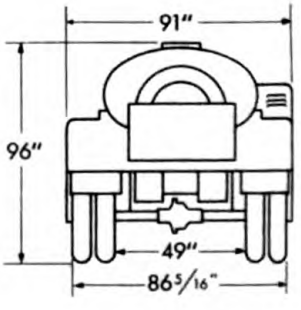


RA PD 309031

Classification: Standard

Purpose: Used by Army Air Forces for servicing aircraft with oil or gasoline.





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SECTION VIII—TRUCKS

TRUCK, FUEL OR OIL SERVICING, 750 GAL., 2½-TON, 6 x 6, F-3

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,610
	Payload	(lb)	4,500
	Gross	(lb)	16,110
Shipping dimensions	(cu ft) 1,163	(sq ft) 160	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	10
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, MAP REPRODUCTION EQUIPMENT, 2½-TON, 6 x 6

Technical Manuals: Parts List:

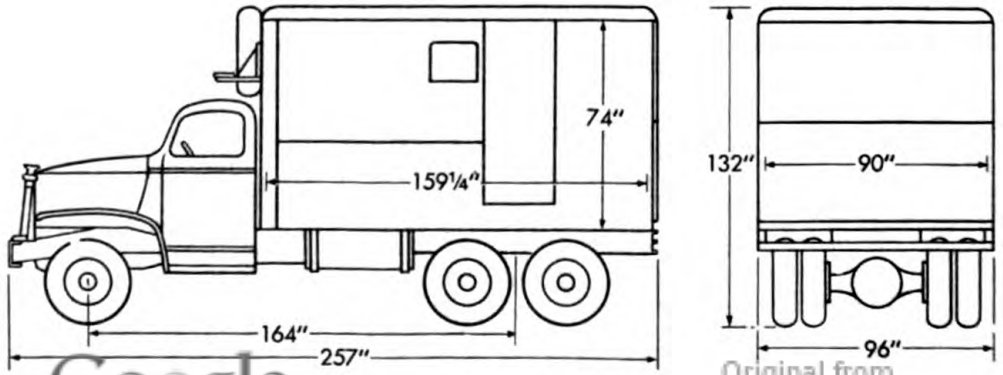
Manufacturer: Chassis—General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.; Bodies—Peter Wendel and Sons, Inc., and McCabe Powers Autobody Co.



RA PD 308994

Classification: Standard

Purpose: Used by Corps of Engineers to transport equipment for map reproduction units.



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SECTION VIII—TRUCKS

TRUCK, MAP REPRODUCTION EQUIPMENT, 2½-TON, 6 x 6

GENERAL DATA

Crew			
Weight	Gross	(lb)	14,200 to 16,500
Shipping dimensions	(cu ft) 1,892	(sq ft) 172	
Tires	Ply	Size	
Ground clearance		(in.)	11
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes			

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 34½	Left 34	
Fording depth		(in.)	24
Angle of approach		(deg)	45
Angle of departure		(deg)	33½
Fuel consumption, average conditions		(miles per gal)	7.5
Cruising range, average conditions		(miles)	300
Maximum allowable speed		(mph)	
Number of speeds forward			

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type			

ADDITIONAL DATA

The same basic vehicle with different equipment is used as: Laboratory section, Map layout section, Photographic section, Plate grainer section, Plate process section, Camera section, and Press section. Weight varies with equipment.

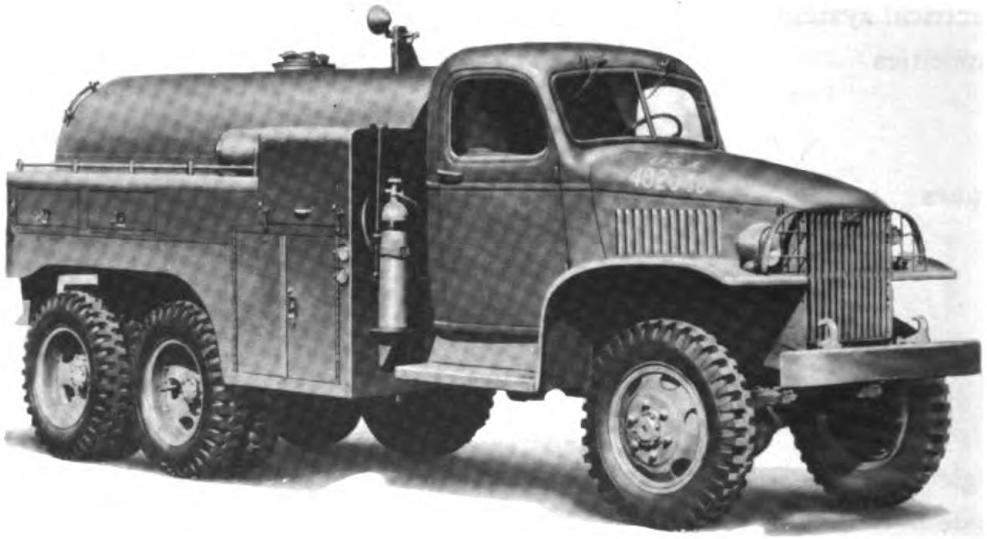
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, OIL SERVICING, 660 GAL., 2½-TON, 6 x 6, L-2

Technical Order: T.O. 19-25-34. Parts List:

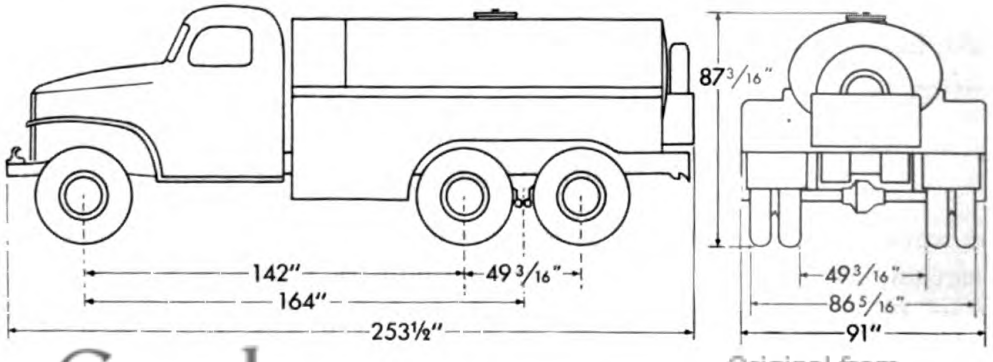
Manufacturers: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.; Equipment—The Heil Co.



RA PD 309031

Classification: Standard

Purpose: To transport and dispense lubricating oil for Army Air Forces.



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SECTION VIII—TRUCKS

TRUCK, OIL SERVICING, 660 GAL., 2½-TON, 6 x 6, L-2

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,400
	Payload	(lb)	5,000
	Gross	(lb)	15,400
Shipping dimensions	(cu ft) 1,160	(sq ft) 160	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	10
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Angle of approach	(deg)	54
Angle of departure	(deg)	36
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, ORDNANCE MAINTENANCE, 2½-TON, 6 x 6

Technical Manual: TM 9-801.

Parts Lists: SNL G-138, SNL G-139, SNL G-140, SNL G-141, SNL G-142, SNL G-143, SNL G-144, SNL G-146, SNL G-149.

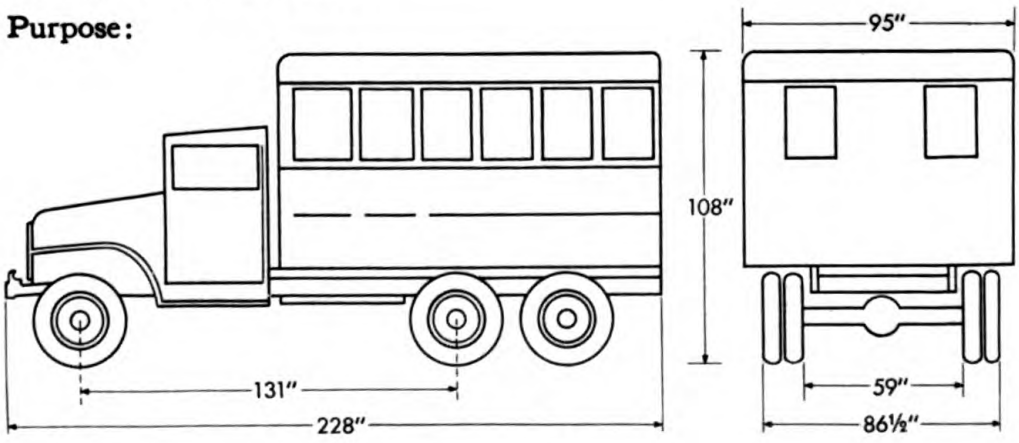
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.



RA PD 309103

Classification: Standard

Purpose:



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SECTION VIII—TRUCKS

TRUCK, ORDNANCE MAINTENANCE, 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,930
	Payload	(lb)	1,335
	Gross	(lb)	13,265
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 62¼	Rear 67¾	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right	Left
Fording depth	(in.)	
Angle of approach	(deg)	56
Angle of departure	(deg)	40
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

Data given is for the Artillery repair truck, M9. The same basic vehicle with different equipment is used as: Truck, artillery repair, M9 and M9A1; Truck, automotive repair, M8 and M8A1; Truck, electrical repair, M18 and M18A1; Truck, instrument bench, M23; Truck, instrument repair, M10 and M10A1; Truck, machine shop, M16 and M16A1; Truck, small arms repair, M7 and M7A1; Truck, spare parts, M14; Truck, tool and bench, M13; Truck, welding, M12 and M12A1.

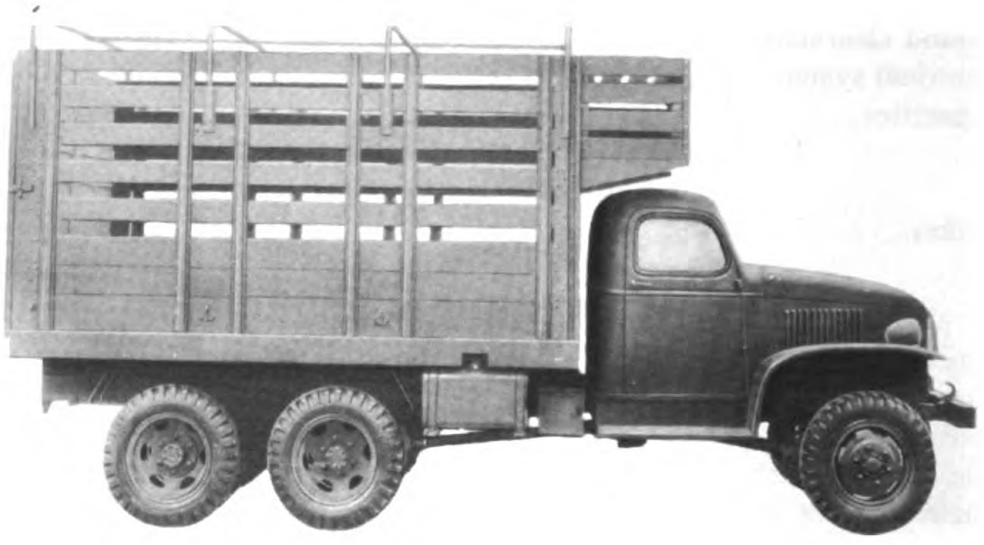
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, STOCK RACK, 2½-TON, 6 x 6

Technical Manual: TM 9-801. Parts List: SNL G-508

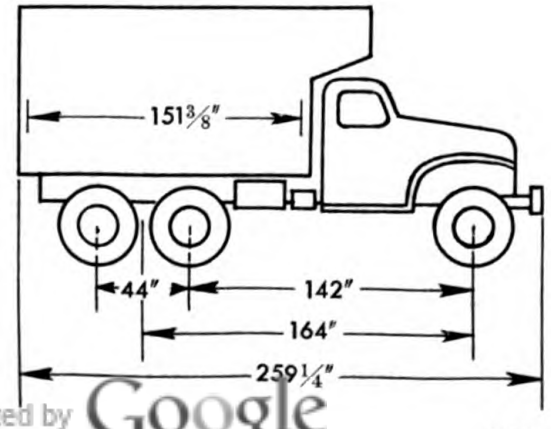
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

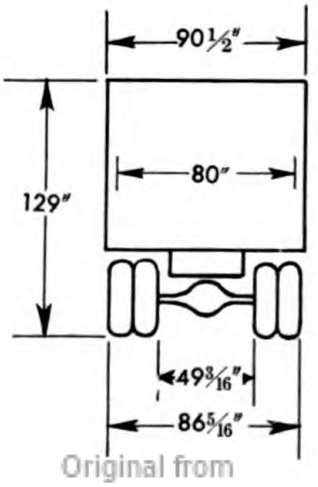


RA PD 66627

Classification: Standard

Purpose: To transport bulky but light cargo.





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SECTION VIII—TRUCKS

TRUCK, STOCK RACK, 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	13,850
	Payload	(lb)	5,000
	Gross	(lb)	18,850
Shipping dimensions	(cu ft) 1,752	(sq ft) 163	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 37½	Left 37
Fording depth	(in.)	
Angle of approach	(deg)	54
Angle of departure	(deg)	36
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, TANK, GASOLINE, 750 GAL. 2½-TON, 6 x 6

Technical Manuals: Studebaker, TM 10-1387, TM 10-1565. GMC, TM 9-801.

Parts Lists: SNL G-508 (GMC) SNL G-630 (Stud.)

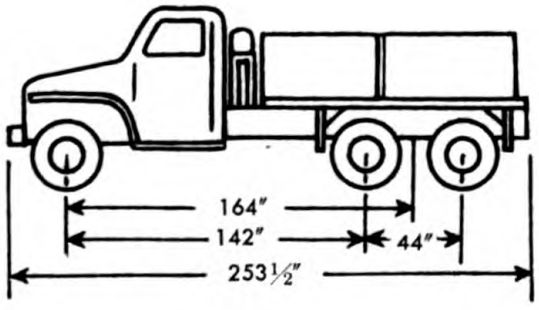
Manufacturers: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.; The Studebaker Corp.

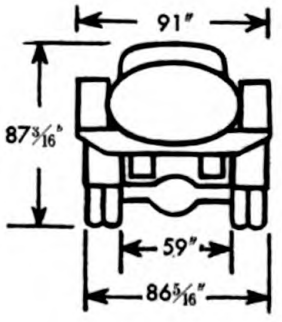


RA PD 308955

Classification: Standard

Purpose: To transport and dispense gasoline.





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SECTION VIII—TRUCKS

TRUCK, TANK, GASOLINE, 750 GAL. 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,340
	Payload	(lb)	4,650
	Gross	(lb)	14,990
Shipping dimensions	(cu ft) 1,163	(sq ft) 160	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 62¼	Rear 67¾	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	40
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	10
Brakes	Hydraulic		

PERFORMANCE

Maximum gradability		(percent)	84
Turning radius (ft)	Right 34	Left 35½	
Fording depth		(in.)	
Angle of approach		(deg)	54
Angle of departure		(deg)	36
Fuel consumption, average conditions		(miles per gal)	7.5
Cruising range, average conditions		(miles)	300
Maximum allowable speed		(mph)	45
Number of speeds forward			5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type	Battery		

ADDITIONAL DATA

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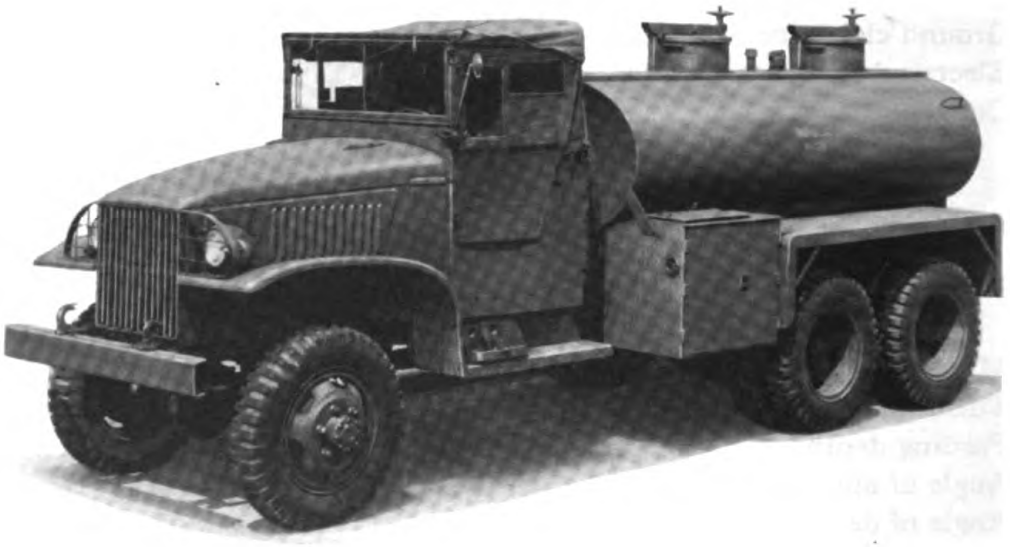
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, TANK, WATER, 700 GAL., 2½-TON, 6 x 6

Technical Manual: TM 9-801. Parts List: SNL G-508

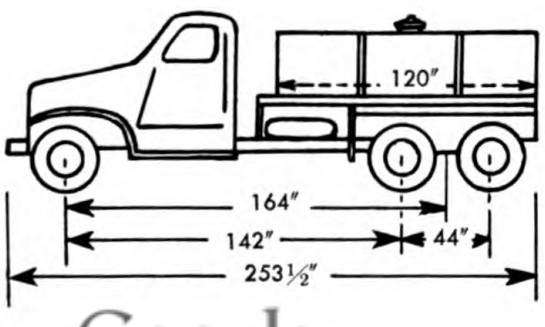
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

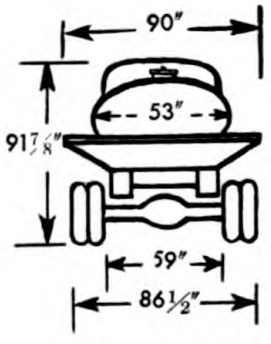


RA PD 308958

Classification: Standard

Purpose: To transport drinking water.





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SECTION VIII—TRUCKS

TRUCK, TANK, WATER, 700 GAL., 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,185
	Payload	(lb)	5,000
	Gross	(lb)	15,185
Shipping dimensions	(cu ft) 1,032	(sq ft) 142	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 62¼	Rear 67¾	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 35	Left 36
Fording depth	(in.)	
Angle of approach	(deg)	54
Angle of departure	(deg)	36
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	
Number of speeds forward		5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, SHOP, MOTORIZED, 2½-TON, 6 x 6

Technical Manuals: Parts List: SNL G-508

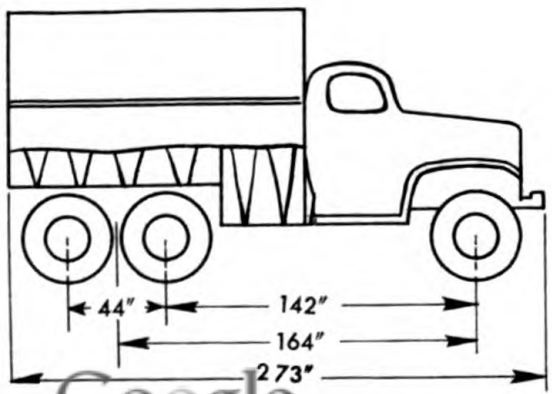
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

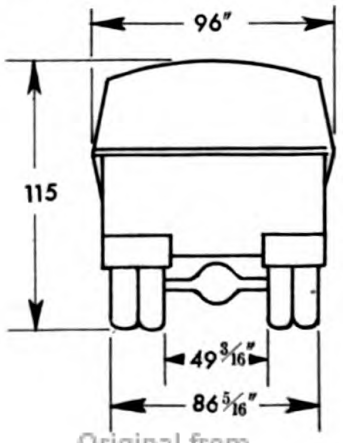


RA PD 66623

Classification: Standard

Purpose: Used by Corps of Engineers to provide mobile facilities for maintenance and repairs.





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SECTION VIII—TRUCKS

TRUCK, SHOP, MOTORIZED, 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,130
	Payload	(lb)	5,000
	Gross	(lb)	16,130
Shipping dimensions	(cu ft) 1,748	(sq ft) 182	
Tires	Ply—8	Size—7.50 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 34	Left 35	
Fording depth		(in.)	
Angle of approach		(deg)	54
Angle of departure		(deg)	36
Fuel consumption, average conditions		(miles per gal)	7.5
Cruising range, average conditions		(miles)	240
Maximum allowable speed		(mph)	45
Number of speeds forward			

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

This chassis with different equipment is used for general purpose, electrical repair, light machine shop, small tool repair, tool and bench, and welding cargo.

Supplied with open cab after July, 1943.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, SURGICAL, 2½-TON, 6 x 6

Technical Manual: TM 9-801. Parts List: SNL G-508

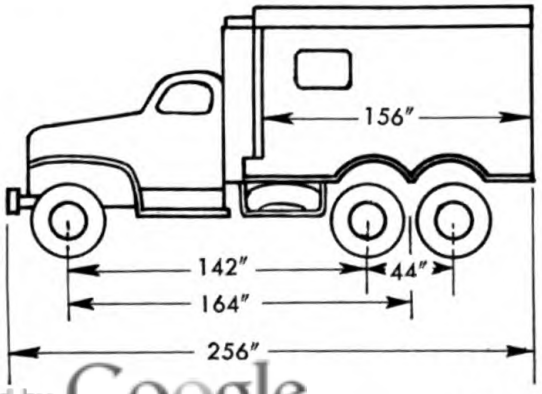
Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.

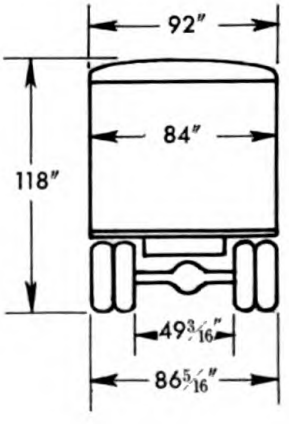


RA PD 308937

Classification: Standard

Purpose: Used by Medical Corps to transport and house field surgical supplies and equipment.





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SECTION VIII—TRUCKS

TRUCK, SURGICAL, 2½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,280
	Payload	(lb)	5,000
	Gross	(lb)	16,280
Shipping dimensions	(cu ft) 1,603	(sq ft) 160	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 34	Left 35
Fording depth	(in.)	
Angle of approach	(deg)	36
Angle of departure	(deg)	31
Fuel consumption, average conditions	(miles per gal)	7.5
Cruising range, average conditions	(miles)	240
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, VAN, 2½-TON, 6 x 6, K-53

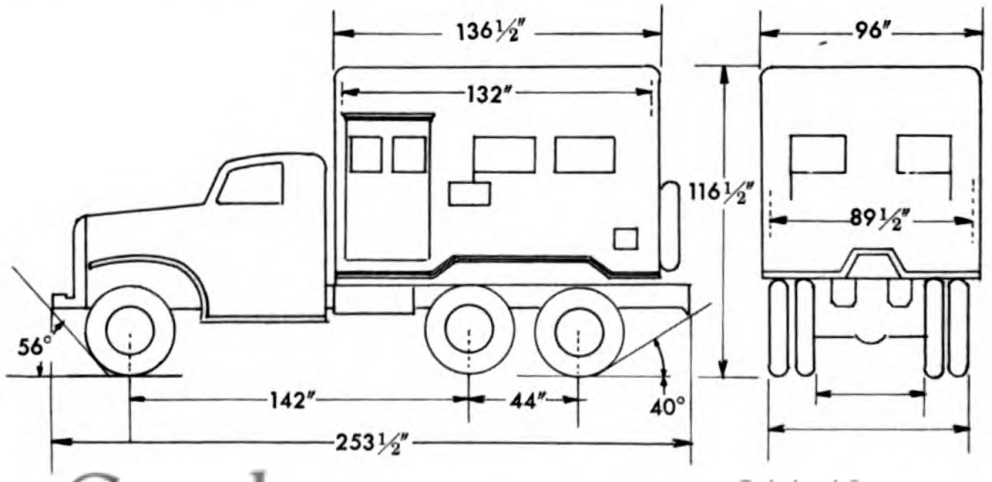
Technical Manuals: Parts List:

Manufacturer: General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.



Classification: Limited standard RA PD 308970

Purpose: Used by Signal Corps to transport and house radio equipment.



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SECTION VIII—TRUCKS

TRUCK, VAN, 2½-TON, 6 x 6, K-53

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,270
	Payload	(lb)	5,000
	Gross	(lb)	15,270
Shipping dimensions	(cu ft) 1,664	(sq ft) 169	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center		(in.)	67¾
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	11
Brakes		(Hydrovac) Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 34	Left 35	
Fording depth		(in.)	
Angle of approach		(deg)	56
Angle of departure		(deg)	40
Fuel consumption, average conditions		(miles per gal)	7.5
Cruising range, average conditions		(miles)	240
Maximum allowable speed		(mph)	45
Number of speeds forward			5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

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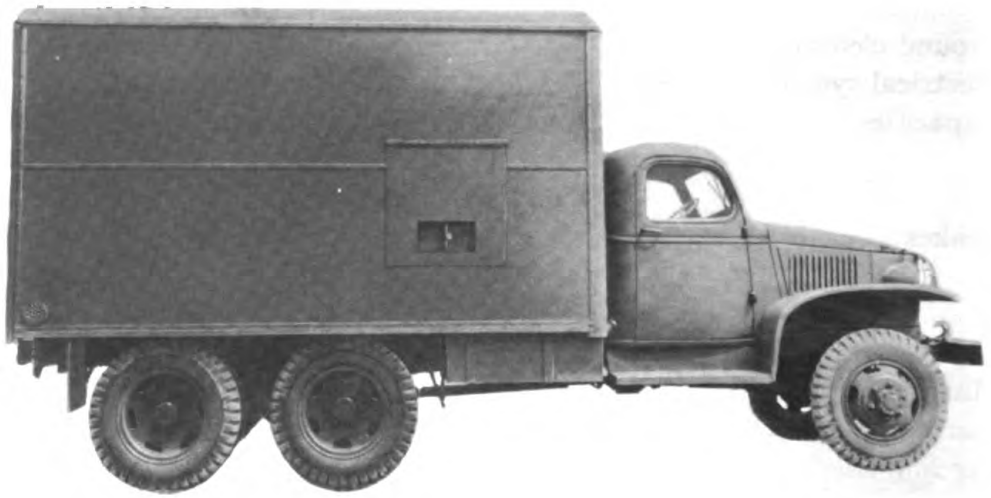
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, VAN, 2½-TON, 6 x 6, K-60

Technical Manuals: Parts Lists:

Manufacturers: Various

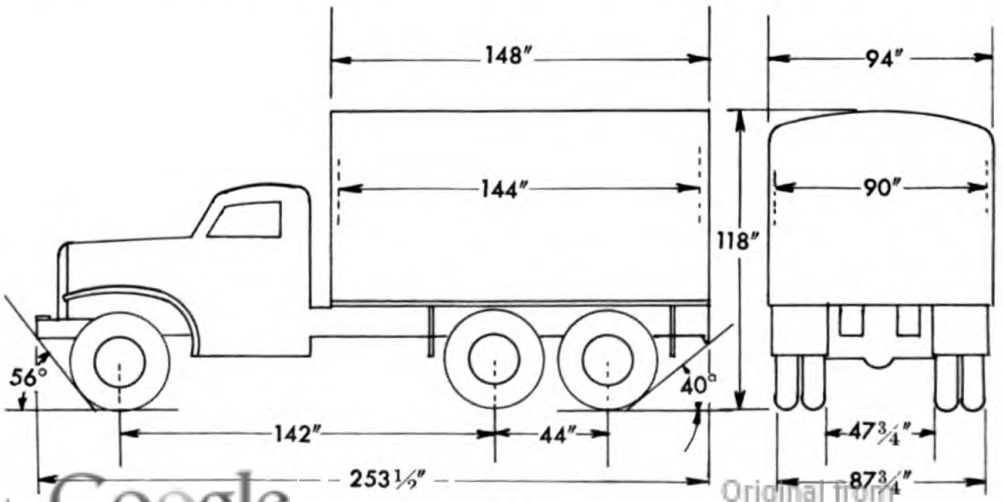


RA PD 66617

Vehicle illustrated above: Chassis, GMC; Body, York Hoover

Classification: Standard

Purpose: To transport Signal Corps field equipment.



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SECTION VIII—TRUCKS

TRUCK, VAN, 2½-TON, 6 x 6, K-60

GENERAL DATA

Crew			2
Weight	Net	(lb)	11,070
	Payload	(lb)	4,000
	Gross	(lb)	15,070
Shipping dimensions	(cu ft) 1,643	(sq ft) 169	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center		(in.)	67¾
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	10
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 35	Left 34	
Fording depth		(in.)	18
Angle of approach		(deg)	56
Angle of departure		(deg)	40
Fuel consumption, average conditions		(miles per gal)	7.5
Cruising range, average conditions		(miles)	240
Maximum allowable speed		(mph)	45
Number of speeds forward			5

ENGINE

Manufacturer	GMC	Model 270	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	269.5
Governed speed		(rpm)	2,750
Brake horsepower			104
Ignition type		Battery	

ADDITIONAL DATA

Similar body manufactured by Superior Coach Corp., Wayne Works, Transportation Engineers, Hackney Bros., Oneonta Linn Corp., York Hoover Body Corp.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, WATER PURIFICATION UNIT, MOBILE, 2½-TON, 6 x 6

Technical Manuals: TM 5-2000, TM 5-2032. Parts List:

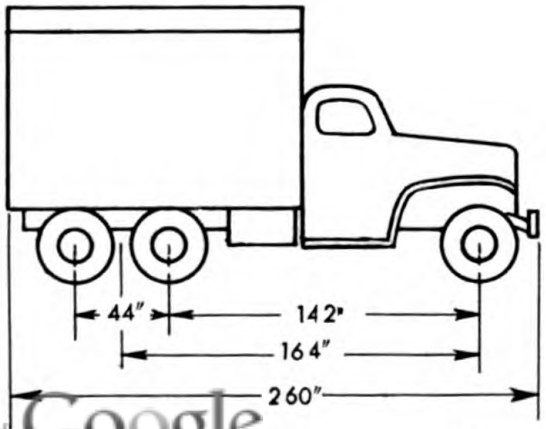
Manufacturers: Chassis, General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co.; Water Purification Unit, Wallace Tiernan Co., Inc.

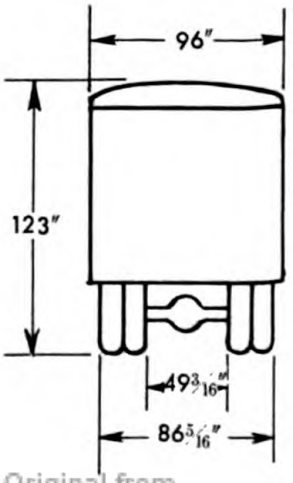


RA PD 66633

Classification: Standard

Purpose: Used by Corps of Engineers to provide mobile facilities for water purification.





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SECTION VIII—TRUCKS

TRUCK, CARGO, 4-TON, 4 x 4

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew		5
Weight		Net	(lb)	11,425
		Payload	(lb)	8,000
		Gross	(lb)	19,425
Shipping dimensions	(cu ft)		(sq ft)	
Tires		Ply	Size 9.00 x 20	
Tread, center to center (in.)	Front 67 1/2		Rear 69	
Ground clearance			(in.)	11
Electrical system			(volts)	6
Capacities		Fuel, 68 octane gasoline	(gal)	40
		Cooling system	(qt)	23
		Crankcase (refill)	(qt)	10
Brakes			Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	40
Turning radius	(ft)	38 1/2
Fording depth	(in.)	28
Angle of approach	(deg)	35
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	5.5
Cruising range, average conditions	(miles)	220
Maximum allowable speed	(mph)	35
Number of speeds forward		5

ENGINE

Manufacturer	Waukesha		Model BZ	
Type	In-line, 4 cycle	Number of cylinders		6
Displacement			(cu in.)	320
Governed speed			(rpm)	2,800
Brake horsepower				88
Ignition type			Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, SHOVEL-CRANE, W/TRAILER, 4-TON, 4 x 4

Technical Manuals: Parts List:

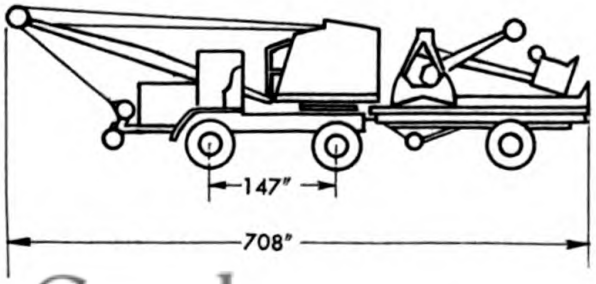
Manufacturers: Truck—Coleman Motor Co.; Shovel-Crane, Trailer—Quick-Way Truck Shovel Co. Model E-55

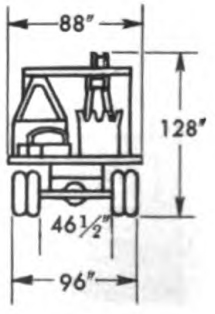


RA PD 309094

Classification: Limited standard

Purpose: Used by Corps of Engineers to provide mobile facilities for crane, shovel, dragline, clamshell and pile driver operations.





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SECTION VIII—TRUCKS

TRUCK, SHOVEL-CRANE, W/TRAILER, 4-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	13,083
	Payload	(lb)	13,327
	Gross	(lb)	26,410
	Boxed for export	(lb)	34,800
Shipping dimensions	(cu ft) 2,533	(sq ft) 378	
Tires	Ply 12	Size 10.00 x 20	
Tread	Front 72	Rear 71	
Ground clearance		(in.)	11½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	50
	Cooling system	(qt)	48
	Crankcase (refill)	(qt)	10
Brakes	(Bendix-Westinghouse) Air		

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	31
Fording depth	(in.)	46
Angle of approach (deg)	With winch 17	Without winch 35
Angle of departure	(deg)	35
Fuel consumption, average conditions	(miles per gal)	5
Cruising range, average conditions	(miles)	250
Maximum allowable speed	(mph)	53
Number of speeds forward		5

ENGINE

Manufacturer	Buda	Model 10525	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	525
Governed speed		(rpm)	2,100
Brake horsepower			139
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	12,000

Flat bed trailer: payload capacity 8,000 pounds; loading height, 53 inch; weight 6,750 pounds; tires—operating 4, size—10.00 x 20, ply—12; brakes—(Bendix-Westinghouse) air; packed for export 1,526 cubic feet; weight 20,650 pounds.

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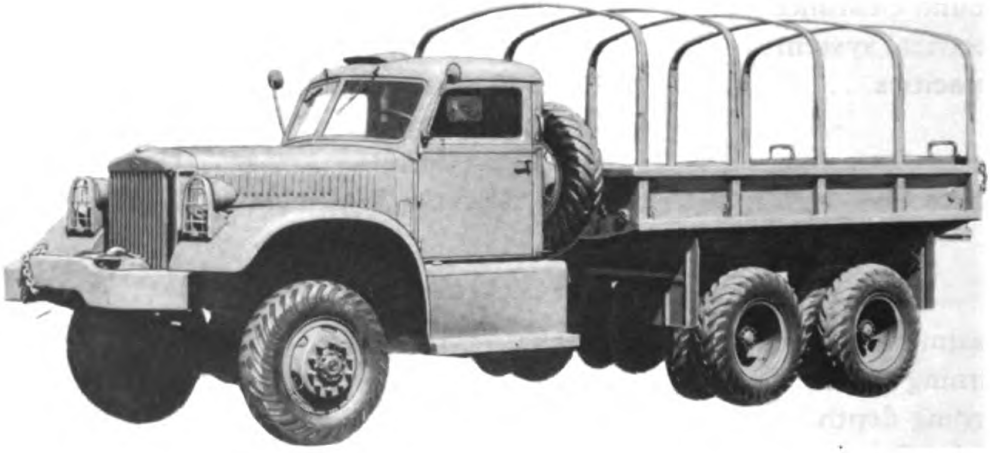
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, L.W.B., 4-TON, 6 x 6

Technical Manuals: TM 10-1297, TM 10-1517, TM 10-1533, TM 10-1603, TM 10-1605, TM 10-1607.

Parts List: SNL G-509

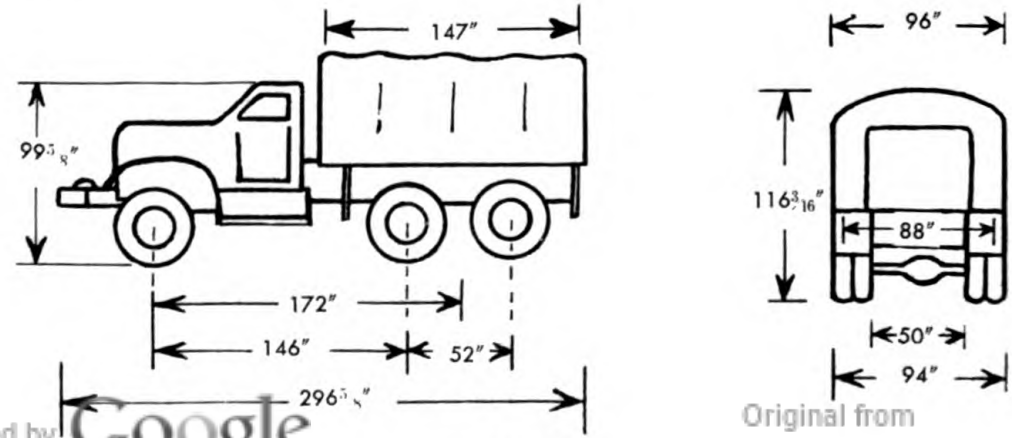
Manufacturer: Diamond T Motor Car Co.



RA PD 66641

Classification: Standard

Purpose: To transport general cargo and personnel.



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SECTION VIII—TRUCKS

TRUCK, CARGO, S.W.B., 4-TON, 6 x 6

GENERAL DATA

Crew, operating 2	Passenger capacity, including crew		
Weight	Net	(lb)	18,400
	Payload	(lb)	8,000
	Gross	(lb)	26,400
Shipping dimensions	(cu ft) 1,769	(sq ft) 179	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front $73\frac{3}{4}$	Rear 72	
Ground clearance		(in.)	11
Pintle height (in.)	Loaded 40	Unloaded $41\frac{1}{4}$	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	60
	Cooling system	(qt)	46
	Crankcase (refill)	(qt)	16
Brakes		Air	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right $38\frac{1}{2}$	Left 37
Fording depth	(in.)	24
Angle of approach	(deg)	37
Angle of departure	(deg)	39
Fuel consumption, average conditions	(miles per gal)	3
Cruising range, average conditions	(miles)	180
Maximum allowable speed	(mph)	40
Number of speeds forward		5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			119
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	15,000

Body contains troop seats and backs.

About 25 percent of these vehicles are being equipped with truck mount M36 for antiaircraft machine gun.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, CRANE, SWINGING BOOM, W/WINCH, 4-TON, 6 x 6, M1

Technical Manuals: Parts List:

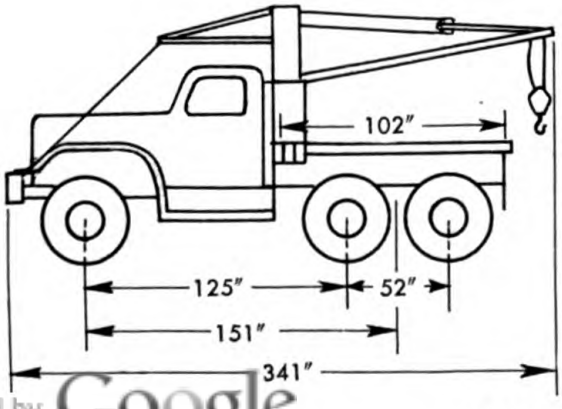
Manufacturer: Diamond T Motor Car Co.

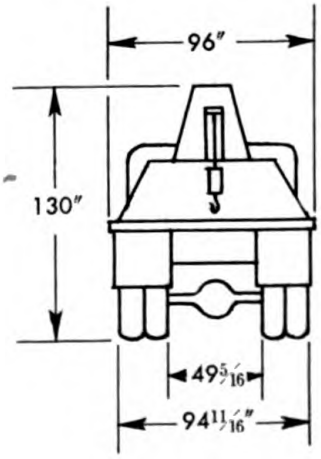


RA PD 66643

Classification: Standard

Purpose: Used by Chemical Warfare Service to lift and transport heavy chemical containers.





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SECTION VIII—TRUCKS

TRUCK, CRANE, SWINGING BOOM, W/WINCH, 4-TON, 6 x 6, M1

GENERAL DATA

Crew			2
Weight	Net	(lb)	18,400
	Payload	(lb)	8,000
	Gross	(lb)	26,400
Shipping dimensions	(cu ft) 1,948	(sq ft) 227	
Tires	Ply 10	Size 9.00 x 20	
Ground clearance		(in.)	11
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	60
	Cooling system	(qt)	46
	Crankcase (refill)	(qt)	16
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 36½	Left 35
Fording depth	(in.)	24
Angle of approach	(deg)	37
Angle of departure	(deg)	46
Fuel consumption, average conditions	(miles per gal)	3
Cruising range, average conditions	(miles)	120
Maximum allowable speed	(mph)	40
Number of speeds forward		5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			119
Ignition type			Battery

ADDITIONAL DATA

Winch capacity	(lb)	15,000

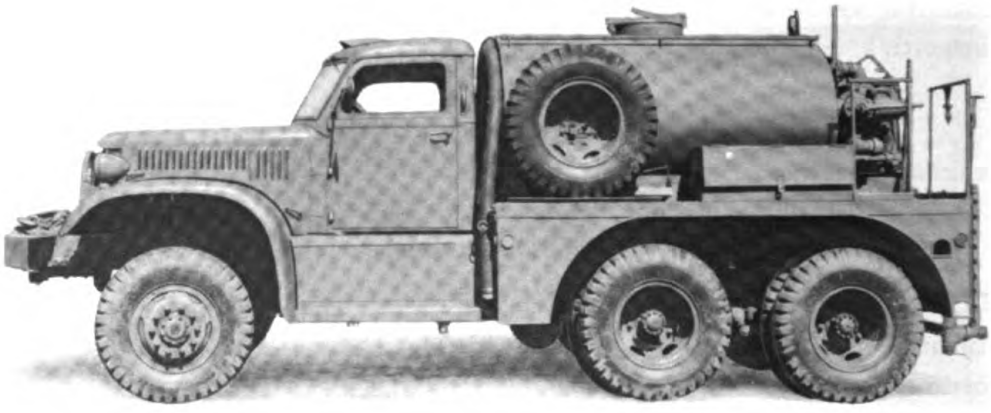
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, DISTRIBUTOR, WATER, 1000 GAL. 4-TON, 6 x 6

Technical Manuals: Parts List:

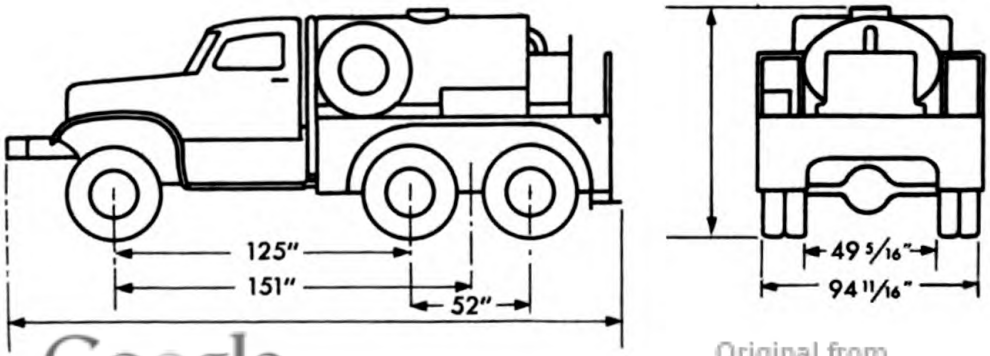
Manufacturers: Chassis and cab, Diamond T Motor Car Co.; Tank and equipment, Littleford Bros.



RA PD 308996

Classification: Standard

Purpose: Used by Corps of Engineers as water-distributing unit.



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SECTION VIII—TRUCKS

TRUCK, DISTRIBUTOR, WATER, 1000 GAL. 4-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	18,750
	Payload	(lb)	8,330
	Gross	(lb)	27,080
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front 73¾	Rear 72	
Ground clearance		(in.)	11
Pintle height (in.)	Loaded 40	Unloaded 41½	
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	60
	Cooling system	(qt)	46
	Crankcase (refill)	(qt)	16
Brakes		Air	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 38½	Left 37
Fording depth	(in.)	24
Angle of approach	(deg)	48
Angle of departure	(deg)	67
Fuel consumption, average conditions	(miles per gal)	3
Cruising range, average conditions	(miles)	175
Maximum allowable speed	(mph)	40
Number of speeds forward		5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			119
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, DUMP, 4-TON, 6 x 6

Technical Manual: TM 10-1533. Parts List: SNL G-509

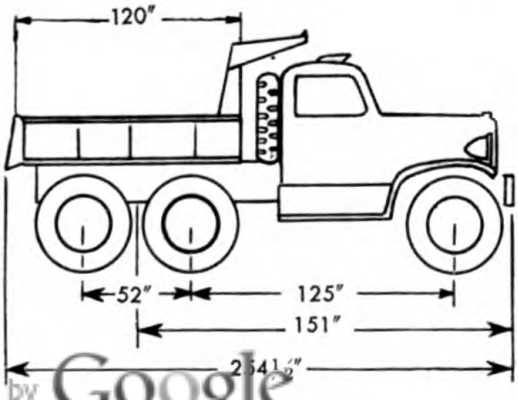
Manufacturer: Diamond T Motor Car Co.

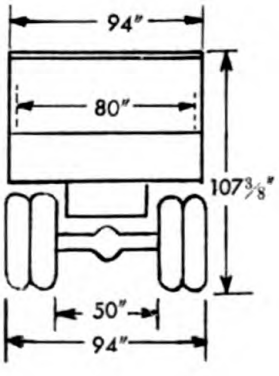


RA PD 66645

Classification: Standard

Purpose: To haul and dump earth, sand, gravel, etc.





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SECTION VIII—TRUCKS

TRUCK, DUMP, 4-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	17,500
	Payload	(lb)	8,900
	Gross	(lb)	26,400
Shipping dimensions	(cu ft) 1,475	(sq ft) 167	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front 73¾	Rear 72	
Ground clearance		(in.)	11
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	60
	Cooling system	(qt)	46
	Crankcase (refill)	(qt)	16
Brakes		Air	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 36½	Left 35	
Fording depth		(in.)	24
Angle of approach		(deg)	48
Angle of departure		(deg)	67
Fuel consumption, average conditions		(miles per gal)	3
Cruising range, average conditions		(miles)	175
Maximum allowable speed		(mph)	40
Number of speeds forward			5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			119
Ignition type		Battery	

ADDITIONAL DATA

Will have open cab after September 1943.
Has hydraulic hoist.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, MAP REPRODUCTION EQUIPMENT 4-TON, 6 x 6

Technical Manuals: Parts List:

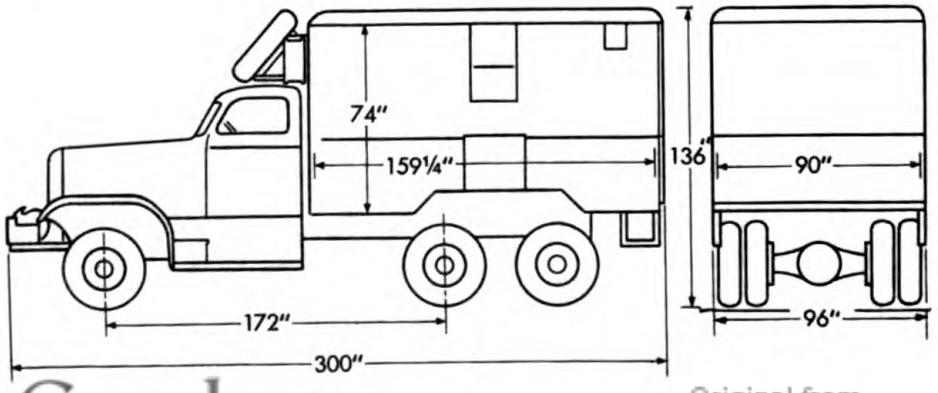
Manufacturers: Chassis and cab, Diamond T Motor Car Co.; Body, McCabe-Powers Autobody Co.



RA PD 308992

Classification: Standard

Purpose: Used by Corps of Engineers to transport equipment for map reproduction units.



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SECTION VIII—TRUCKS

TRUCK, MAP REPRODUCTION EQUIPMENT 4-TON, 6 x 6

GENERAL DATA

Crew			
Weight	Gross	(lb)	23,000 to 24,000
Shipping dimensions	(cu ft) 2,260	(sq ft)	200
Tires	Ply 10	Size	9.00 x 20
Tread, center to center (in.)	Front 73¾	Rear	72
Ground clearance		(in.)	11
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	60
	Cooling system	(qt)	46
	Crankcase	(qt)	16
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius (ft)	Right 38½ Left	37
Fording depth	(in.)	24
Angle of approach	(deg)	48
Angle of departure	(deg)	67
Fuel consumption, average conditions	(miles per gal)	3
Cruising range, average conditions	(miles)	175
Maximum allowable speed	(mph)	40
Number of speeds forward		5

ENGINE

Manufacturer	Hercules	Model	RXC
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			119
Ignition type			Battery

ADDITIONAL DATA

Equipped with winch.

The same basic vehicle with different equipment is used as: Camera section, Press section 20 inch x 22½ inch, and Press section 22 inch x 29 inch. Weight varies with equipment.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, WRECKER, 4-TON, 6 x 6

Technical Manuals: TM 10-1297, TM 10-1335, TM 10-1533, TM 10-1605, TM 10-1607.

Parts List: SNL G-509

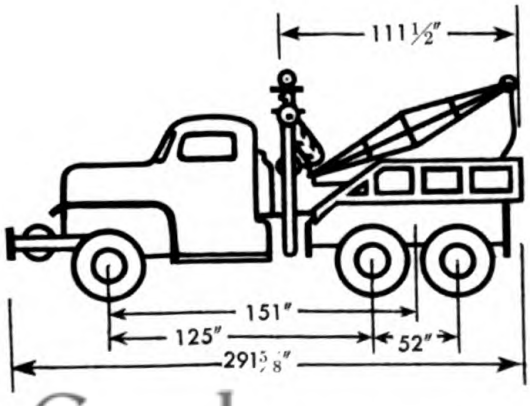
Manufacturer: Diamond T Motor Car Co.

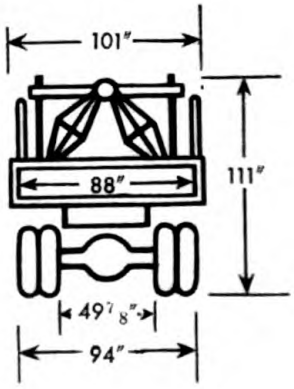


RA PD 308957

Classification: Standard

Purpose: To lift and tow disabled vehicles.





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SECTION VIII—TRUCKS

TRUCK, WRECKER, 4-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Gross		21,700
Shipping dimensions	(cu ft) 1,917	(sq ft) 195	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front 73¾	Rear 72	
Ground clearance		(in.)	11
Electrical system		(volts)	12
Capacities	Fuel, 68 octane gasoline	(gal)	60
	Cooling system	(qt)	48
	Crankcase (refill)	(qt)	16
Brakes	(Bendix-Westinghouse) Air		

PERFORMANCE

Maximum gradability		(percent)	98
Turning radius (ft)	Right 36½	Left 36	
Fording depth		(in.)	24
Angle of approach		(deg)	37
Angle of departure		(deg)	46
Fuel consumption, average conditions		(miles per gal)	3.3
Cruising range, average conditions		(miles)	182
Maximum allowable speed		(mph)	40
Number of speeds forward			5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	521
Governed speed		(rpm)	2,300
Brake horsepower			131
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	15,000

About 25 percent of these vehicles are being equipped with truck mount M36 for antiaircraft machine gun. Winch located at rear of cab.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, TANK, BITUMINOUS SUPPLY, 800 GAL. 4-TON, 6 x 6

Technical Manuals: Parts List:

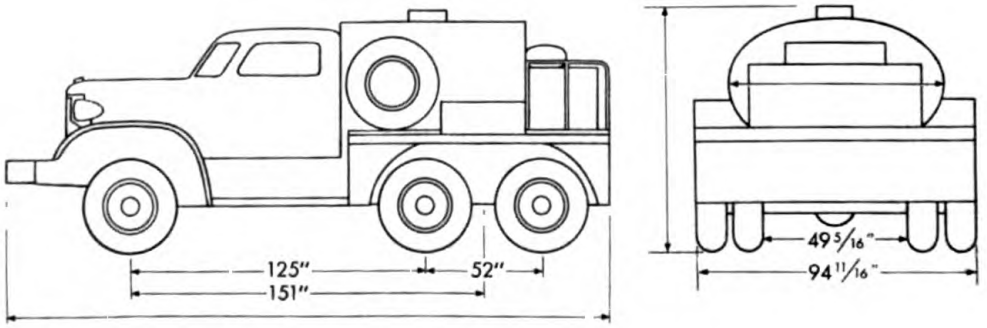
Manufacturers: Chassis, Diamond T Motor Car Co.; Equipment, Roscoe Mfg. Co.



RA PD 308998

Classification: Standard

Purpose: Used by Corps of Engineers.



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SECTION VIII—TRUCKS

TRUCK, TANK, BITUMINOUS SUPPLY, 800 GAL. 4-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	19,500
	Payload	(lb)	6,800
	Gross	(lb)	26,300
Shipping dimensions	(cu ft) 1,584	(sq ft)	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front 73¾	Rear 72	
Ground clearance		(in.)	11
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	60
	Cooling system	(qt)	46
	Crankcase (refill)	(qt)	16
Brakes		Air	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 38½	Left 37	
Fording depth		(in.)	24
Angle of approach		(deg)	48
Angle of departure		(deg)	67
Fuel consumption, average conditions		(miles per gal)	3
Cruising range, average conditions		(miles)	175
Maximum allowable speed		(mph)	40
Number of speeds forward			5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			119
Ignition type		Battery	

ADDITIONAL DATA

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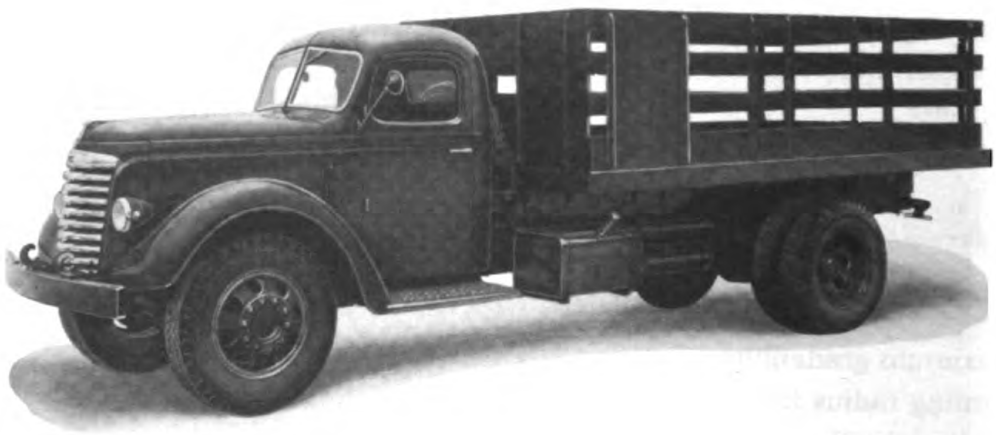
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, COMBINATION STAKE AND PLATFORM 5-TON, 4 x 2

Technical Manuals: Parts List:

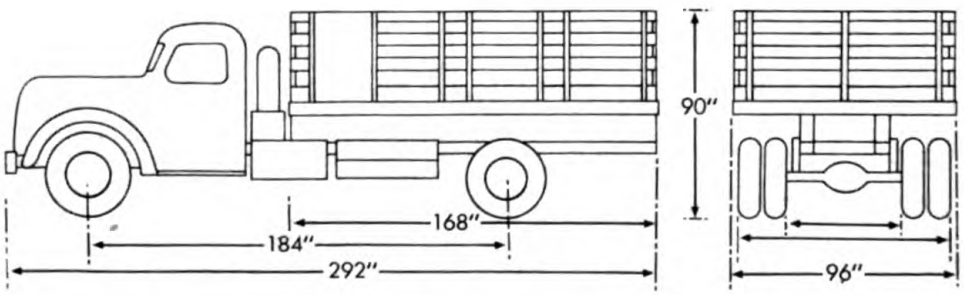
Manufacturers: Federal Motor Truck Co., General Motors Truck and Coach Div. of Yellow Truck and Coach Mfg. Co., International Harvester Co.



RA PD 309126

Classification: Standard

Purpose: To transport heavy cargo.



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SECTION VIII—TRUCKS

TRUCK, COMBINATION STAKE AND PLATFORM 5-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,450
	Payload	(lb)	10,000
	Gross	(lb)	20,450
Shipping dimensions	(cu ft) 2,061	(sq ft)	
Tires	Ply 12 Size 10.00 x 20		
Tread, center to center (in.)	Front 70½	Rear 71	
Ground clearance		(in.)	10½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	37
	Cooling system	(qt)	28
	Crankcase	(qt)	15
Brakes		(Westinghouse) Air	

PERFORMANCE

Maximum gradability	(in low)	(percent)	31
Turning radius		(ft)	21
Fording depth		(in.)	
Angle of approach		(deg)	42
Angle of departure		(deg)	24
Fuel consumption, average conditions		(miles per gal)	4.75
Cruising range, average conditions		(miles)	175
Maximum allowable speed		(mph)	46
Number of speeds forward			

ENGINE

Manufacturer	Hercules	Model WXLC-3	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	404
Governed speed		(rpm)	
Brake horsepower			118
Ignition type		Battery	

ADDITIONAL DATA

Truck, cargo, 5-ton, 4 x 2 is similar to this vehicle.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, DUMP, 5-TON, 4 x 2

Technical Manuals: IHC, TM 10-1145, TM 10-1337, TM 10-1383, TM 10-1509, TM 10-1555, TM 10-1683.

Parts Lists: SNL G-542 (IHC), SNL G-555 (Federal), SNL G-647 (GMC)

Manufacturers: Autocar Co.; Federal Motor Truck Co.; General Motors Truck and Coach Division of Yellow Truck and Coach Mfg. Co.; International Harvester Co.

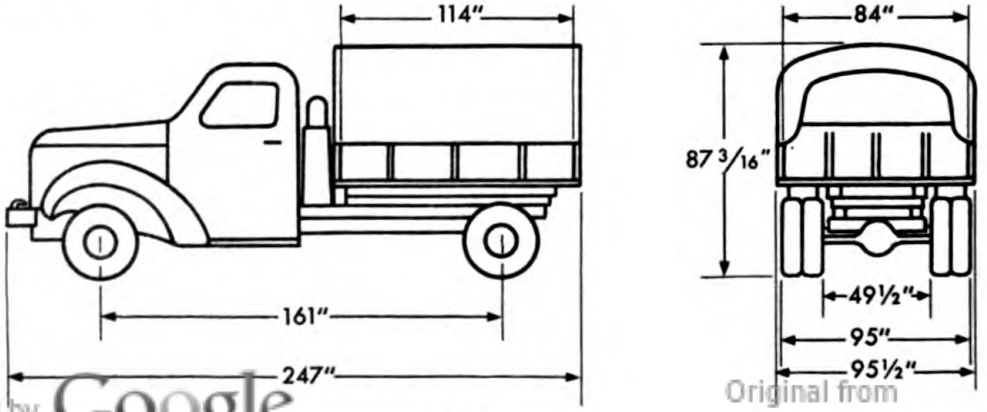


RA PD 308981

Vehicle illustrated above: International

Classification: Standard

Purpose: To transport and dump earth, sand, gravel, coal, etc., and to carry general cargo.



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SECTION VIII—TRUCKS

TRUCK, DUMP, 5-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	12,950
	Payload	(lb)	10,000
	Gross	(lb)	22,950
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 12	Size 10.00 x 20	
Tread, center to center (in.)	Front 72 5/8	Rear 72 3/16	
Ground clearance		(in.)	10 13/16
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	26
	Crankcase (refill)	(qt)	10
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	51
Turning radius	(ft)	29
Fording depth	(in.)	32 1/2
Angle of approach	(deg)	34
Angle of departure	(deg)	35
Fuel consumption, average conditions	(miles per gal)	5.5
Cruising range, average conditions	(miles)	220
Maximum allowable speed	(mph)	38
Number of speeds forward		5

ENGINE

Manufacturer	IHC	Model RED-450	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	451
Governed speed		(rpm)	2,700
Brake horsepower			130
Ignition type			Battery

ADDITIONAL DATA

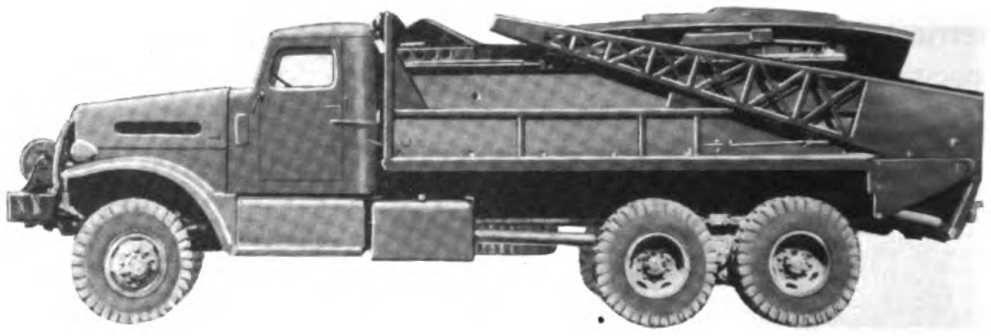
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, BRIDGE CONSTRUCTION, 6-TON, 6 x 6

Technical Manual: TM 10-1529 Parts List:

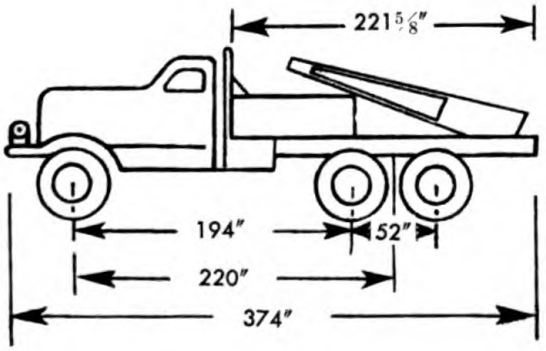
Manufacturers: Truck, Brockway Motor Co., Inc.; Crane, The Daybrook Hydraulic Corp. (Steel Treadway Bridge Hydraulic Crane M-II).

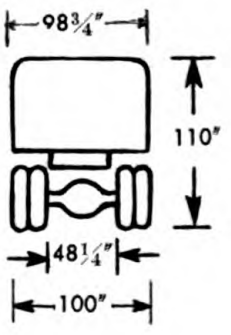


RA PD 66652

Classification: Standard

Purpose: Used by Corps of Engineers to transport and erect bridge equipment.





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SECTION VIII—TRUCKS

TRUCK, BRIDGE CONSTRUCTION, 6-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	26,500
	Payload	(lb)	12,000
	Gross	(lb)	38,500
Shipping dimensions, unboxed (cu ft) 2,437		(sq ft) 266	
Tires	Ply 14	Size 12.00 x 20	
Tread	Front 73 5/8	Rear 74 1/8	
Ground clearance		(in.)	10 1/4
Pintle height		(in.)	37
Electrical system		(volts)	12
Capacities	Fuel, 72 octane gasoline	(gal)	80
	Cooling system	(qt)	58
	Crankcase (refill)	(qt)	16
Brakes	(Bendix-Westinghouse) Air		

PERFORMANCE

Maximum gradability	(percent)	37
Turning radius (ft)	Right 49	Left 48
Fording depth	(in.)	
Angle of approach	(deg)	40
Angle of departure	(deg)	28
Fuel consumption, average conditions	(miles per gal)	2.6
Cruising range, average conditions	(miles)	170
Maximum allowable speed	(mph)	37
Number of speeds forward		4

ENGINE

Manufacturer	Hercules	Model HXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	855
Governed speed		(rpm)	2,150
Brake horsepower			202
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity ..... (lb)

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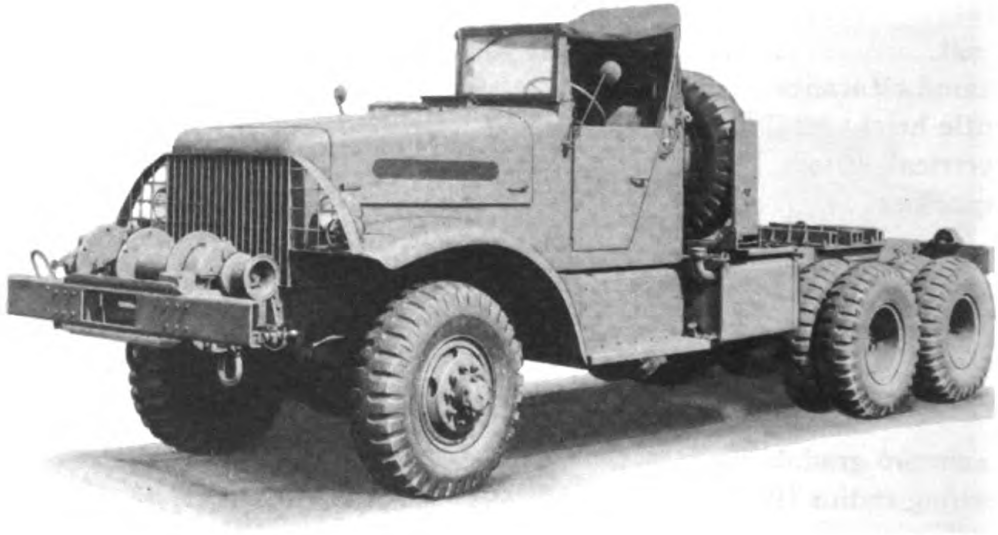
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, SHOVEL-CRANE, 6-TON, 6 x 6

Technical Manual: TM 10-1529. Parts List:

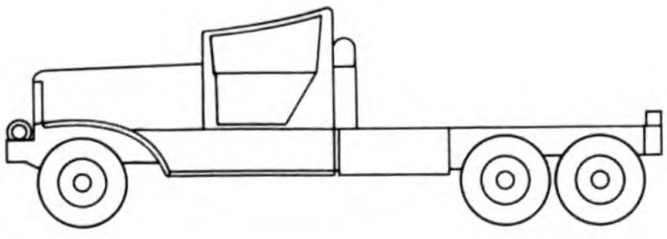
Manufacturers: Truck, Brockway Motor Co., Inc.; Shovel-Crane, Quick-Way Truck Shovel Co.

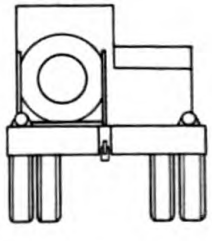


RA PD 309130

Classification: Standard

Purpose: Used by Corps of Engineers to provide mobile facilities for crane, shovel, dragline, clamshell and pile driver operations.





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SECTION VIII—TRUCKS

TRUCK, SHOVEL-CRANE, 6-TON, 6 x 6

GENERAL DATA

Crew			
Weight	Net	(lb)	
	Payload	(lb)	
	Gross	(lb)	
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 14	Size 12.00 x 20	
Ground clearance		(in.)	11
Electrical system		(volts)	12
Capacities	Fuel, 72 octane gasoline	(gal)	80
	Cooling system	(qt)	58
	Crankcase (refill)	(qt)	16
Brakes	(Bendix-Westinghouse) Air		

PERFORMANCE

Maximum gradability		(percent)	37
Turning radius (ft)	Right 49	Left 48	
Fording depth		(in.)	
Angle of approach		(deg)	
Angle of departure		(deg)	
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	
Maximum allowable speed		(mph)	
Number of speeds forward			4

ENGINE

Manufacturer	Hercules	Model HXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	855
Governed speed		(rpm)	2,150
Brake horsepower			202
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity ..... (lb)

No photo of complete unit available.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PRIME MOVER, 6-TON, 6 x 6

Technical Manuals: Corbitt, TM 10-1109, TM 10-1159, TM 10-1553.
Mack, TM 10-1477, TM 10-1601.
White, TM 10-1221, TM 10-1467.

Parts Lists:
SNL G-512 (Corbitt)
SNL G-514 (Mack)
SNL G-532 (Mack)
SNL G-547 (Brock.)

Manufacturers: Brockway Motor Co., Inc., Corbitt Co., Mack Mfg. Corp., White Motor Co.

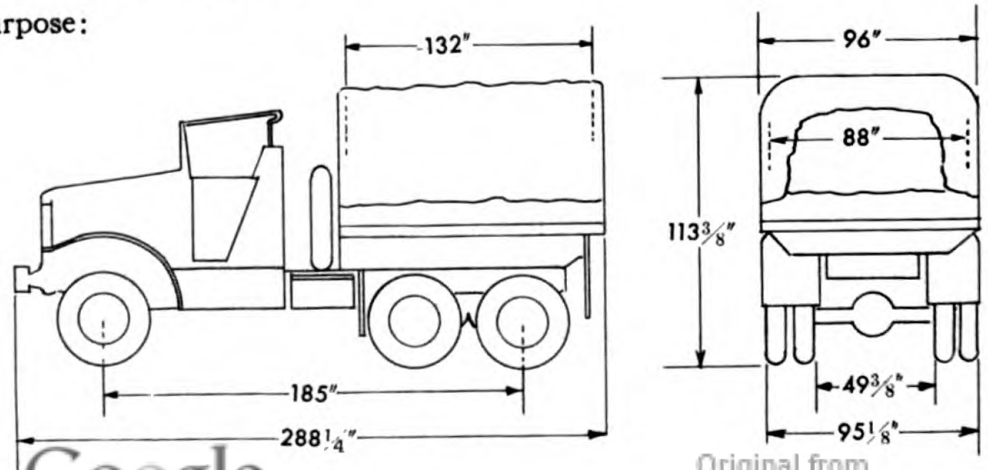


RA PD 308953

Vehicle illustrated above: Corbitt

Classification: Standard

Purpose:



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SECTION VIII—TRUCKS

TRUCK, PRIME MOVER, 6-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	22,070
	Payload	(lb)	12,070
	Gross	(lb)	34,140
Shipping dimensions	(cu ft) 1,868	(sq ft) 190	
Tires	Ply 12	Size 9.75 x 22	
Tread, center to center (in.)	Front 72½	Rear 72¼	
Ground clearance		(in.)	10
Pintle height		(in.)	31
Electrical system		(volts)	6
Capacities	Fuel, 65 octane gasoline	(gal)	75
	Cooling system	(qt)	72
	Crankcase (refill)	(qt)	18
Brakes		(Westinghouse) Air	

PERFORMANCE

Maximum gradability		(percent)	30
Turning radius (ft)	Right 40½	Left 41	
Fording depth		(in.)	24
Angle of approach		(deg)	52
Angle of departure		(deg)	43
Fuel consumption, average conditions		(miles per gal)	2
Cruising range, average conditions		(miles)	175
Maximum allowable speed		(mph)	35
Number of speeds forward			4

ENGINE

Manufacturer	Hercules	Model HXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	855
Governed speed		(rpm)	2,150
Brake horsepower			180
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(located at rear of cab)	(lb)	25,000

About 25 percent of these vehicles are being equipped with truck mount M36 for antiaircraft machine gun. Applied to Mack and Corbitt only in this instance.

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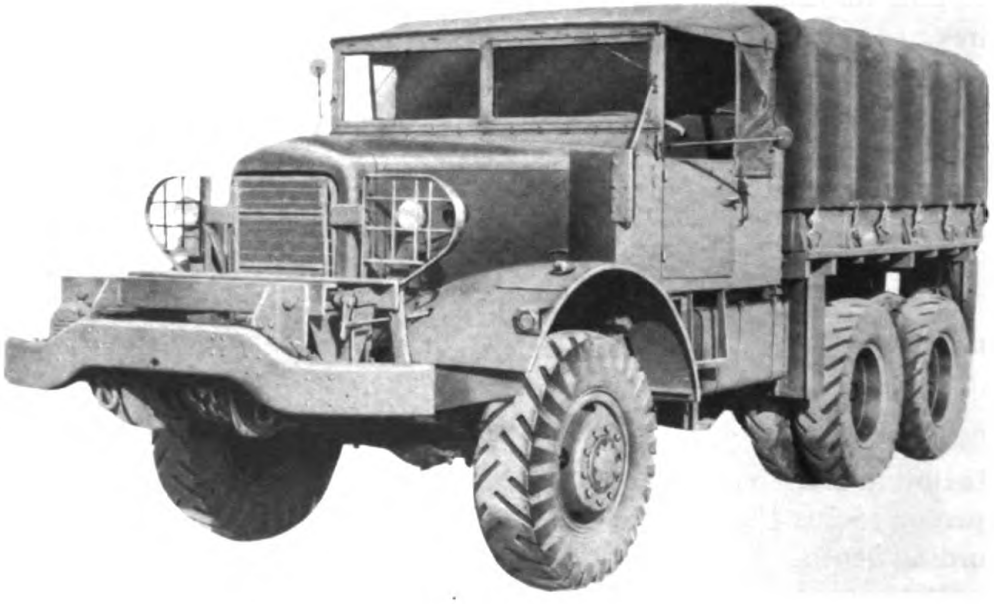
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STANDARD MILITARY MOTOR VEHICLES

TRUCK, PRIME MOVER, 7½-TON, 6 x 6

Technical Manual: TM 10-1479 Parts List: SNL G-532

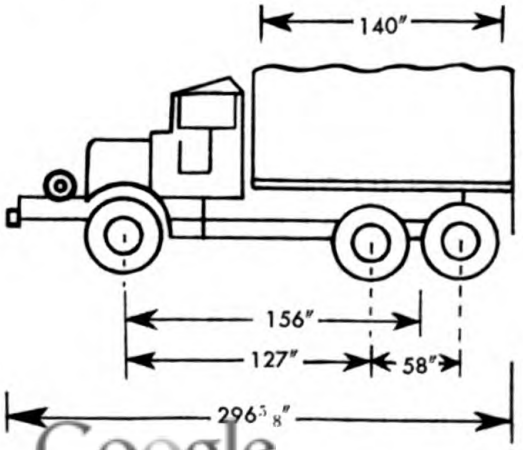
Manufacturer: Mack Mfg. Corp.

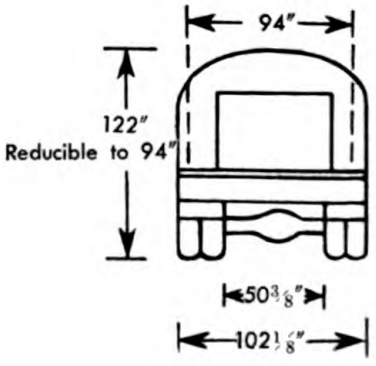


RA PD 66662

Classification: Standard

Purpose: To tow heavy artillery (155-mm and 240-mm) and transport cargo.





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SECTION VIII—TRUCKS

TRUCK, PRIME MOVER, 7½-TON, 6 x 6

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew		4
Weight		Net	(lb)	29,620
		Payload	(lb)	15,000
		Gross	(lb)	44,620
Shipping dimensions	(cu ft) 2,132		(sq ft) 210	
Tires	Ply 14	Size	12.00 x 24	
Tread, center to center (in.)	Front 78		Rear 76¼	
Ground clearance			(in.)	13½
Pintle height			(in.)	42⅝
Electrical system			(volts)	12
Capacities	Fuel, 70 octane gasoline		(gal)	160
	Cooling system		(qt)	55½
	Crankcase (refill)		(qt)	29
Brakes			(Westinghouse) Air	

PERFORMANCE

Maximum gradability		(percent)	65
Turning radius (ft)	Right 34	Left 33	
Fording depth		(in.)	
Angle of approach		(deg)	35
Angle of departure		(deg)	45
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	400
Maximum allowable speed		(mph)	31½

ENGINE

Manufacturer	Mack	Model EY	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	707
Governed speed		(rpm)	2,100
Brake horsepower			156
Ignition type		Battery	

ADDITIONAL DATA

Winch capacity	(lb)	25,000

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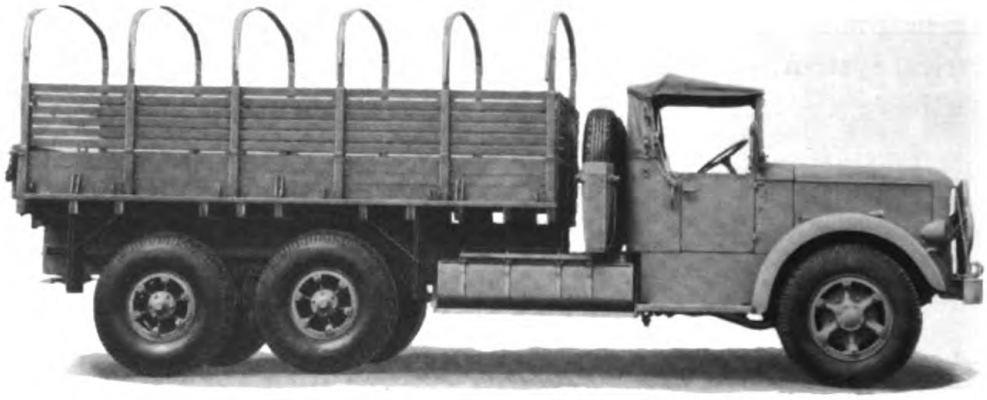
STANDARD MILITARY MOTOR VEHICLES

TRUCK, CARGO, 10-TON, 6 x 4

Technical Manuals: Mack, TM 10-1197,
TM 10-1421, TM 10-1545.
White, TM 10-1467.

Parts Lists:
SNL G-642 (White)
SNL G-528 (Mack)

Manufacturers: Mack Mfg. Corp.; White Motor Co.

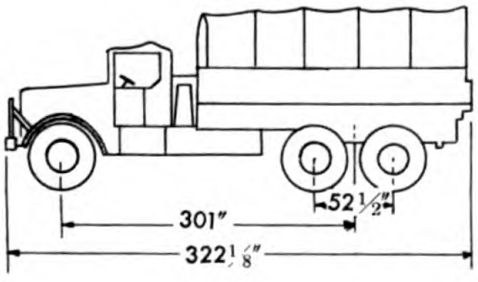


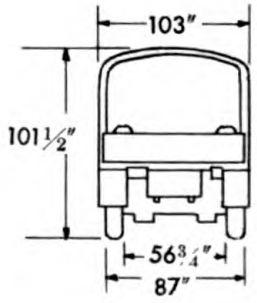
RA PD 308952

Vehicle illustrated above: Mack

Classification:

Purpose: To transport general cargo.





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SECTION VIII—TRUCKS

TRUCK, CARGO, 10-TON, 6 x 4

GENERAL DATA

Crew			
Weight	Net	(lb)	20,950
	Payload	(lb)	22,000
	Gross	(lb)	42,950
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Front Ply Size	11.00 x 24	
	Rear Ply Size	14.00 x 20	
Ground clearance		(in.)	13
Tread, center to center (in.)	Front 79½	Rear 75¼	
Electrical system		(volts)	24
Capacities	Fuel, 50 cetane, Diesel fuel oil	(gal)	150
	Cooling system	(qt)	19
	Crankcase (refill)	(qt)	
Brakes		Air	

PERFORMANCE

Maximum gradability		(percent)	32
Turning radius (ft)	Right 38	Left 39½	
Fording depth		(in.)	
Angle of approach		(deg)	36
Angle of departure		(deg)	38
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	
Maximum allowable speed		(mph)	37
Number of speeds forward			5

ENGINE

Manufacturer	Mack	Model ED	
Type	Diesel	Number of cylinders	6
Displacement		(cu in.)	518.64
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK, HEAVY WRECKER, 10-TON, 6 x 6, M1

Technical Manuals: Kenworth, TM 9-795, TM 9-1795A, TM 9-1795B, TM 9-1795C, TM 9-1795D.

Parts List: SNL G-116

Manufacturers: Kenworth Motor Truck Corp.; Ward-LaFrance Truck Corp.

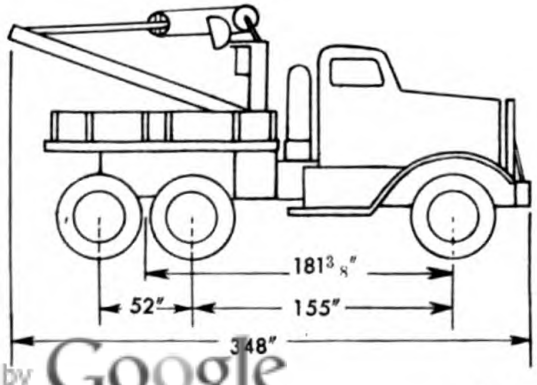


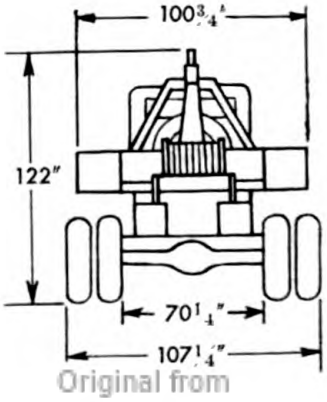
RA PD 308956

Vehicle illustrated above: Ward-LaFrance

Classification: Standard

Purpose: To lift and tow disabled heavy vehicles.





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SECTION VIII—TRUCKS

TRUCK, HEAVY WRECKER, 10-TON, 6 x 6, M1

GENERAL DATA

Crew			2
Weight	Net	(lb)	27,330
	Payload	(lb)	8,000
	Gross	(lb)	35,330
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 12	Size 11.00 x 20	
Tread, center to center (in.)	Front 73¼	Rear 88¾	
Ground clearance		(in.)	12¾
Electrical system		(volts)	12
Capacities	Fuel, 68 octane gasoline	(gal)	100
	Cooling system	(qt)	40
	Crankcase (refill)	(qt)	10
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	37½
Fording depth	(in.)	40
Angle of approach	(deg)	55½
Angle of departure	(deg)	55
Fuel consumption, average conditions	(miles per gal)	2.5
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	45
Number of speeds forward		5

ENGINE

Manufacturer	Continental	Model 22R	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	501
Governed speed		(rpm)	2,400
Brake horsepower			133
Ignition type			Battery

ADDITIONAL DATA

Winch capacity	(lb)	20,000

Series 1, 2 and 3 have battery and magneto ignition.

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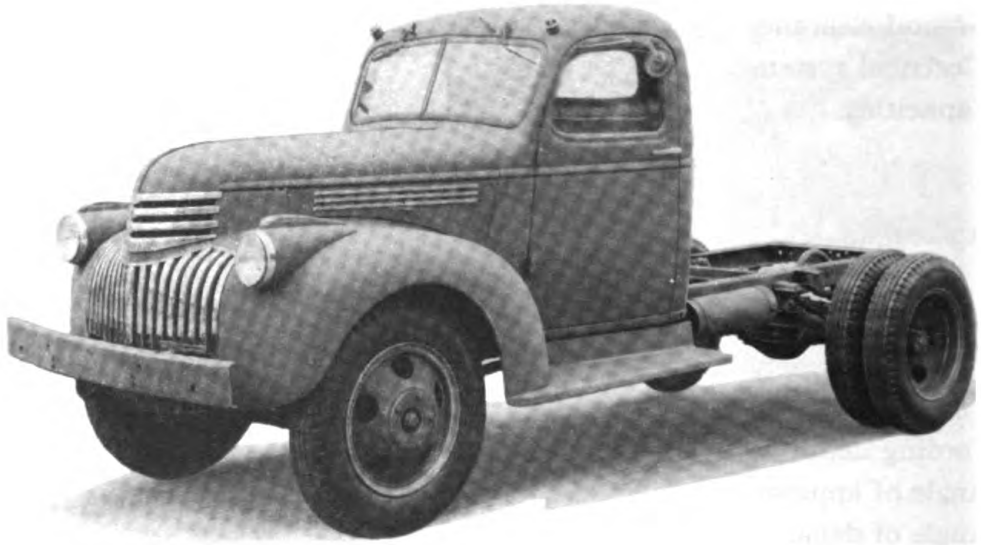
STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, 1½-TON, 4 x 2

Technical Manuals: Chevrolet, TM 10-1299, TM 10-1305, TM 10-1321, TM 10-1411. Ford, TM 10-1257, TM 10-1433.

Parts Lists: SNL G-617 (Chev.) SNL G-540 (Ford)

Manufacturers: Chevrolet Motor Div. (General Motors Corp.); Ford Motor Co.

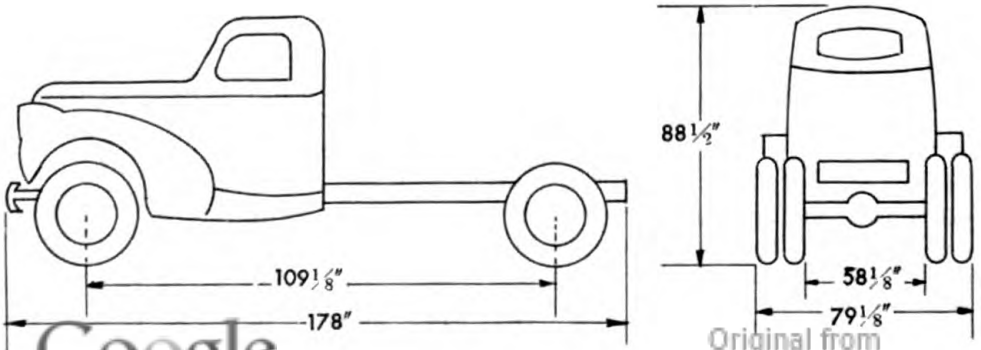


RA PD 308929

Vehicle illustrated above: Chevrolet

Classification: Standard

Purpose: To tow semitrailers.



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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, 1½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,225
	Payload	(lb)	4,500
	Gross	(lb)	9,725
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 7.50 x 20	
Ground clearance		(in.)	9 3/4
Tread, center to center (in.)	Front 56 1/16	Rear 68 5/8	
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	25
	Cooling system	(qt)	16
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	36
Turning radius (ft)	Right 20	Left 20 1/2	
Fording depth		(in.)	
Angle of approach		(deg)	41
Angle of departure		(deg)	40
Fuel consumption, average conditions		(miles per gal)	7
Cruising range, average conditions		(miles)	175
Maximum allowable speed		(mph)	
Number of speeds forward			

ENGINE

Manufacturer	Chevrolet	Model 1942 BLA 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, 1½-TON, 4 x 4

Technical Manuals: TM 10-1127, TM 10-1203, TM 10-1431.

Parts List: SNL G-506

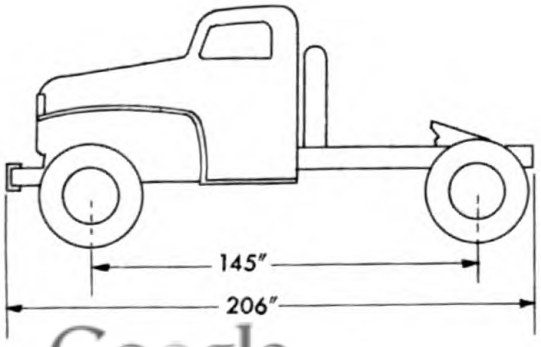
Manufacturer: Chevrolet Motor Div. (General Motors Corporation).

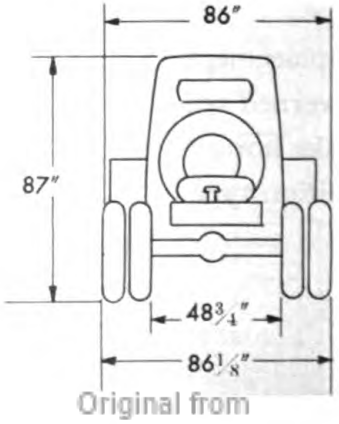


RA PD 309095

Classification: Standard

Purpose: To tow semitrailers.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, 1½-TON, 4 x 4

GENERAL DATA

Crew			1
Weight	Net	(lb)	6,140
	Payload	(lb)	4,500
	Gross	(lb)	10,640
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 60½	Rear 67½	
Ground clearance		(in.)	9⅞
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	65
Turning radius	(ft)	29½
Fording depth	(in.)	32
Angle of approach	(deg)	45
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	9
Cruising range, average conditions	(miles)	270
Maximum allowable speed	(mph)	48
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model 1942 BV 1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	235.5
Governed speed		(rpm)	3,100
Brake horsepower			83
Ignition type		Battery	

ADDITIONAL DATA

Equipped with trailer electric brake hand control (Warner).

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, 2½-TON, 4 x 2

Technical Manual: TM 10-1261 (C1). Parts List: SNL G-627

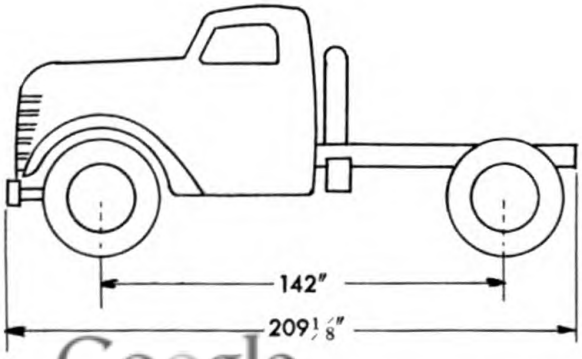
Manufacturer: General Motors Truck & Coach Div. of Yellow Coach & Truck Mfg. Co.

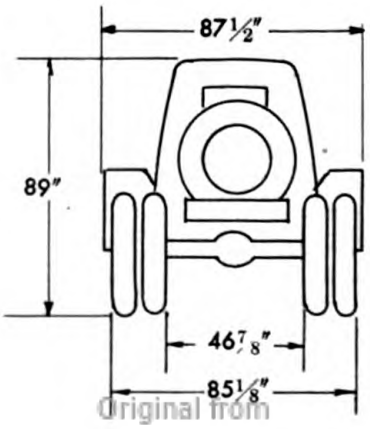


RA PD 309100

Classification: Limited standard

Purpose: To tow semitrailers.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, 2½-TON, 4 x 2

GENERAL DATA

Crew			2
Weight	Net	(lb)	6,890
	Payload	(lb)	7,000
	Gross	(lb)	13,890
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 8.25 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities	Fuel, octane gasoline	(gal)	29
	Cooling system	(qt)	18
	Crankcase (refill)	(qt)	6½
Brakes	(Timken-Westinghouse) Air		

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	30
Fording depth	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	10
Cruising range, average conditions	(miles)	290
Maximum allowable speed	(mph)	
Number of speeds forward		

ENGINE

Manufacturer	GMC	Model 308	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	308.23
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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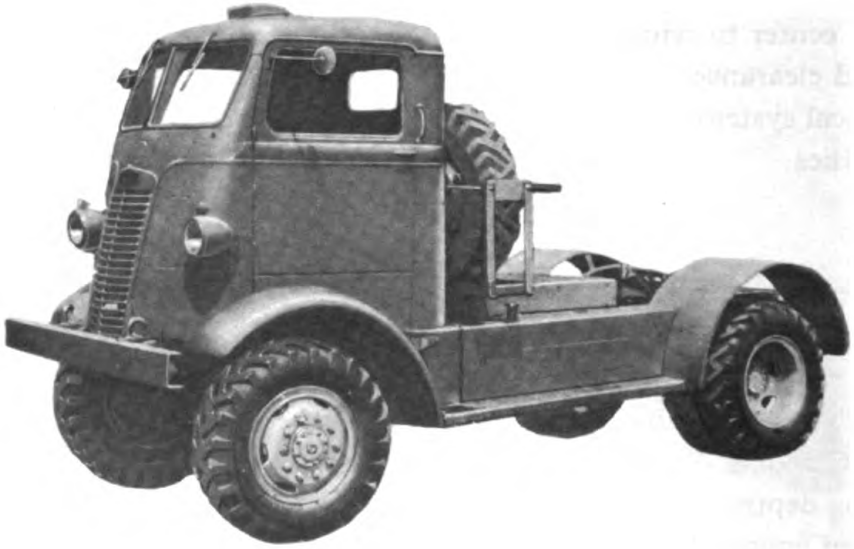
STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, C.O.E., 2½-TON, 4 x 4

Technical Manuals: TM 10-1390, TM 10-1396.

Parts List: SNL G-626

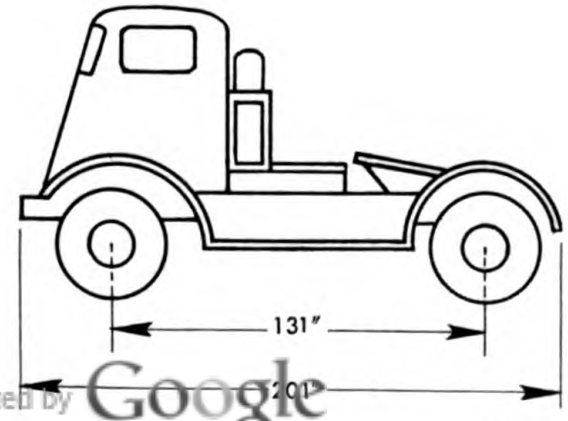
Manufacturer: The Autocar Co.

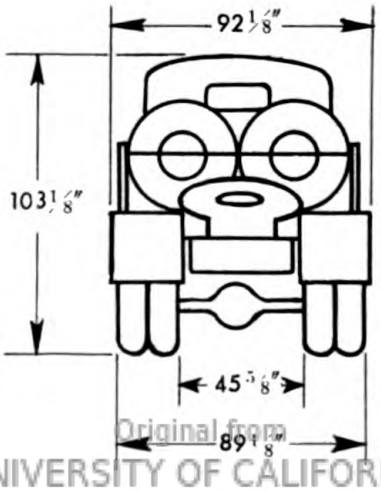


RA PD 66668

Classification: Limited standard

Purpose: To tow semitrailers.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, C.O.E., 2½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	10,000
	Payload	(lb)	5,000
	Gross	(lb)	15,000
Shipping dimensions	(cu ft) 1,146	(sq ft) 131	
Tires	Ply	Size 9.00 x 20	
Ground clearance		(in.)	11⅝
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	23
	Crankcase	(qt)	10
	Transmission	(qt)	12
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	45
Turning radius	(ft)	22
Fording depth	(in.)	
Angle of approach	(deg)	50
Angle of departure	(deg)	38
Fuel consumption, average conditions, with towed load	(miles per gal)	4
Cruising range, average conditions	(miles)	160
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	Autocar	Model 358	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	358
Governed speed		(rpm)	2,600
Brake horsepower			
Ignition type			Battery

ADDITIONAL DATA

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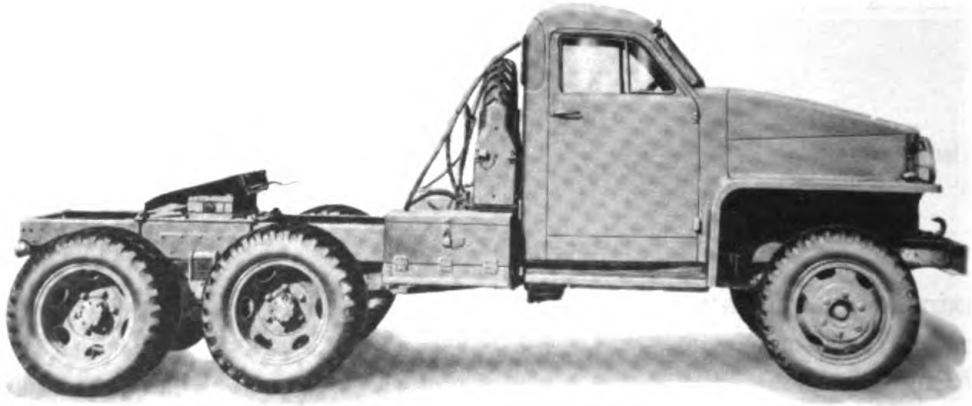
STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, 2½-TON, 6 x 4

Technical Manuals: TM 10-1385, TM 10-1565.

Parts List: SNL G-630

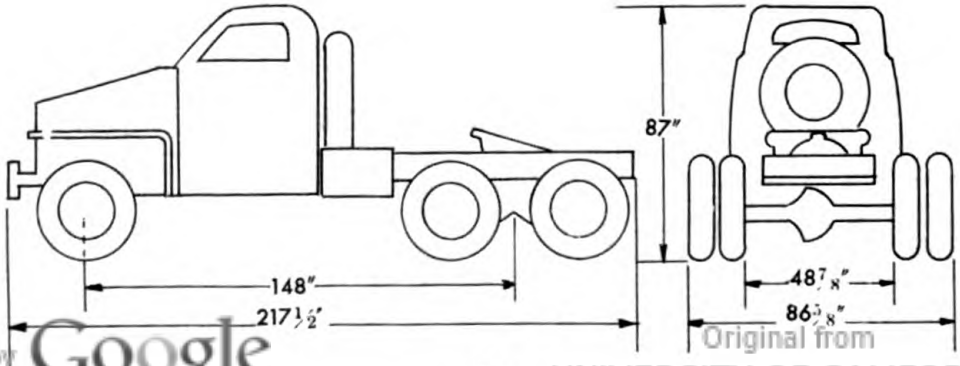
Manufacturer: The Studebaker Corp.



RA PD 309097

Classification: Substitute standard

Purpose: To tow semitrailers.



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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, 2½-TON, 6 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	8,190
	Payload	(lb)	15,650
	Gross	(lb)	23,840
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 66 7/8	Rear 67 3/4	
Ground clearance		(in.)	10
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	40
	Cooling system	(qt)	21
	Crankcase (refill)	(qt)	8
Brakes	(Lockheed) Hydraulic		

PERFORMANCE

Maximum gradability	(percent)	17
Turning radius	(ft)	32
Fording depth	(in.)	
Angle of approach	(deg)	52
Angle of departure	(deg)	45
Fuel consumption, average conditions	(miles per gal)	8
Cruising range, average conditions	(miles)	320
Maximum allowable speed	(mph)	45
Number of speeds forward		

ENGINE

Manufacturer	Hercules	Model JXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	320
Governed speed		(rpm)	
Brake horsepower			
Ignition type	Battery		

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, 4-5 TON, 4 x 4

Technical Manuals: Autocar, TM 10-1117, TM 10-1567, TM 10-1569. Federal, TM 10-1107, TM 10-1407, TM 10-1459.

Parts Lists: SNL G-513 (Federal) SNL G-510 (Autocar)

Manufacturers: The Autocar Co.; Federal Motor Truck Co.

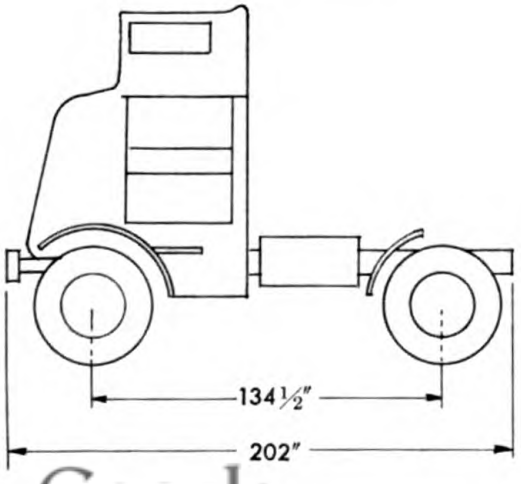


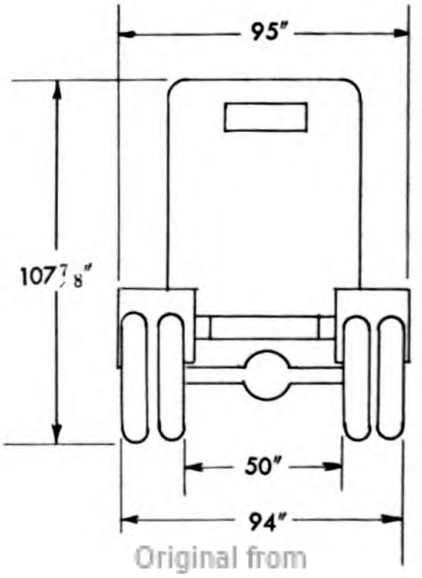
Vehicle illustrated above: Autocar

RA PD 308954

Classification: Standard

Purpose: To tow semitrailers.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, 4-5 TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	12,200
	Payload	(lb)	9,000
	Gross	(lb)	21,200
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 9.00 x 20	
Ground clearance		(in.)	11 7/8
Tread, center to center (in.)	Front 73 3/4	Rear 72	
Pintle height		(in.)	35 3/4
Electrical system		(volts)	6
Capacities	Fuel, 64 octane gasoline	(gal)	60
	Cooling system	(qt)	38
	Crankcase (refill)	(qt)	14 1/2
Brakes	(Bendix-Westinghouse) Air		

PERFORMANCE

Maximum gradability	(percent)	74
Turning radius	(ft)	30
Fording depth	(in.)	24 1/2
Angle of approach	(deg)	54
Angle of departure	(deg)	50
Fuel consumption, average conditions	(miles per gal)	3.2
Cruising range, average conditions	(miles)	200
Maximum allowable speed	(mph)	41
Number of speeds forward		5

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,300
Brake horsepower			131
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, PONTON, C.O.E., 5-6 TON, 4 x 4

Technical Manuals: Autocar, TM 10-1119.
Mack, TM 10-1705.

Parts Lists:
SNL G-511 (Autocar)
SNL G-639 (Mack)

Manufacturers: The Autocar Co., Model U-8144-T; Mack Mfg. Corp., Model NJU-1.

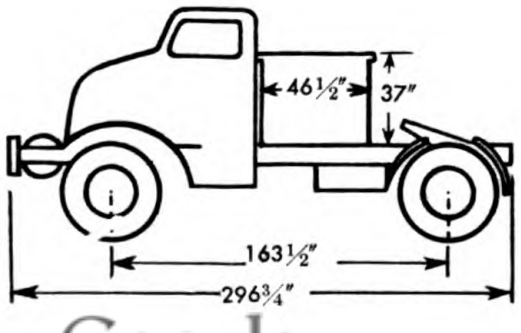


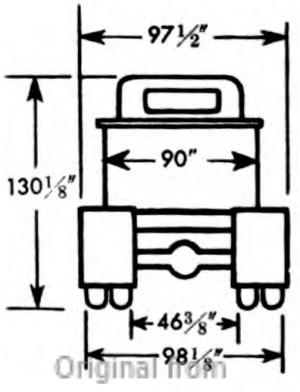
RA PD 308973

Vehicle illustrated above: Autocar

Classification: Standard

Purpose: To tow semitrailer with ponton bridge equipment.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, PONTON, C. O. E., 5-6 TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	16,600
	Payload	(lb)	10,700
	Gross	(lb)	27,300
Shipping dimensions	(cu ft) 1,536	(sq ft) 166	
Tires	Ply 14	Size 12.00 x 20	
Tread, center to center (in.)	Front $71\frac{3}{4}$	Rear $72\frac{1}{4}$	
Ground clearance		(in.)	$10\frac{13}{16}$
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	90
	Cooling system	(qt)	38
	Crankcase (refill)	(qt)	14
Brakes	(Bendix-Westinghouse) Air		

PERFORMANCE

Maximum gradability	(percent)	30
Turning radius	(ft)	35
Fording depth	(in.)	24
Angle of approach	(deg)	33
Angle of departure	(deg)	54
Fuel consumption, average conditions	(miles per gal)	5.3
Cruising range, average conditions	(miles)	470
Maximum allowable speed	(mph)	46
Number of speeds forward		

ENGINE

Manufacturer	Hercules	Model RXC	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	529
Governed speed		(rpm)	2,400
Brake horsepower			131
Ignition type	Battery		

ADDITIONAL DATA

Winch capacity	(lb)	15,000

The data given above is for vehicle with winch.

Vehicles made by Mack have slightly different dimensions and weights.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, FUEL SERVICING, F-1, 7½-TON, 6 x 6

Technical Order: T.O. 19-25-19 Parts List:

Manufacturers: Biederman Motors Co.; Federal Motor Truck Co.; Reo Motor Car Co.

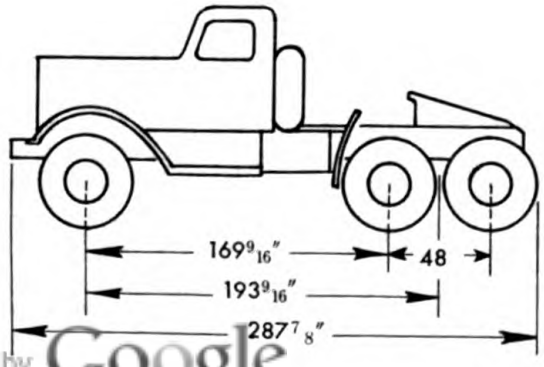


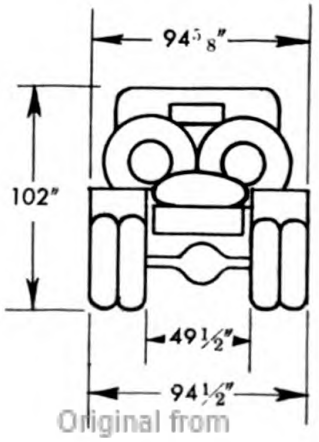
RA PD 66684

Vehicle illustrated above: Reo

Classification: Standard

Purpose: Used by Army Air Forces to tow fuel servicing semitrailer, F-1.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, FUEL SERVICING, F-1, 7½-TON, 6 x 6

GENERAL DATA

Crew			2
Weight	Net	(lb)	18,960
	Payload	(lb)	15,000
	Gross	(lb)	33,960
Shipping dimensions	(cu ft) 1,603	(sq ft) 189	
Tires	Ply 12	Size 10.00 x 22	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	11¾
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	84
	Cooling system	(qt)	53
	Crankcase (refill)	(qt)	16
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	59
Turning radius	(ft)	34
Fording depth	(in.)	
Angle of approach	(deg)	54
Angle of departure	(deg)	66
Fuel consumption, average conditions	(miles per gal)	4.12
Cruising range, average conditions	(miles)	225
Maximum allowable speed	(mph)	41
Number of speeds forward		

ENGINE

Manufacturer	Hercules	Model HXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	855
Governed speed		(rpm)	2,100
Brake horsepower			
Ignition type			Battery

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, WRECKING, 7½-TON, 6 x 6, C-2

Technical Orders: T.O. 19-20-9; T.O. 19-20-10 Parts List:

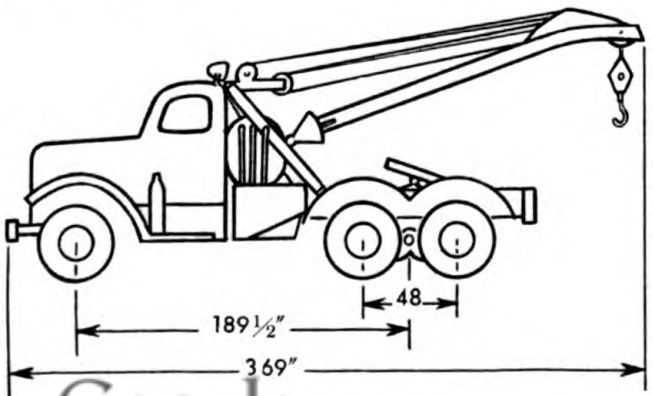
Manufacturer: Federal Motor Truck Co.

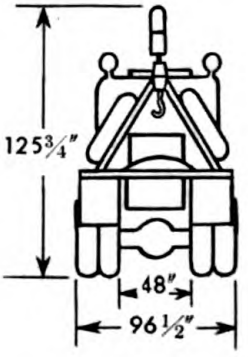


RA PD 66680

Classification: Standard

Purpose: Used by Army Air Forces to salvage crashed planes and perform general towing.





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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, WRECKING, 7½-TON, 6 x 6, C-2

GENERAL DATA

Crew			4
Weight	Net	(lb)	27,500
	Payload (wgt. on 5th wheel)	(lb)	13,000
	Gross	(lb)	40,500
Shipping dimensions	(cu ft) 2,072	(sq ft) 197	
Tires	Ply 12	Size 11.00 x 20	
Ground clearance		(in.)	12⅛
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	110
	Cooling system	(qt)	60
	Crankcase (refill)	(qt)	16
Brakes			Air

PERFORMANCE

Maximum gradability	(percent)	58
Turning radius (ft)	Right 44	Left 40
Fording depth	(in.)	23
Angle of approach	(deg)	52
Angle of departure	(deg)	44
Fuel consumption, average conditions	(miles per gal)	3
Cruising range, average conditions	(miles)	150
Maximum allowable speed	(mph)	30
Number of speeds forward		

ENGINE

Manufacturer	Hercules	Model HXD	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	855
Governed speed		(rpm)	1,700
Brake horsepower			
Ignition type			Battery

ADDITIONAL DATA

Winch capacity	(lb)	15,000

Equipped with a 10-ton capacity boom crane, rear-mounted underslung winch, 110-volt DC electric power plant, 3,000 watts capacity, and floodlamps.

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STANDARD MILITARY MOTOR VEHICLES

TRUCK TRACTOR, 8-TON, 6 x 4

Technical Manual: TM 10-1551 Parts List: SNL G-556

Manufacturers: Corbitt Co.; General Motors Truck & Coach Div. of Yellow Truck & Coach Mfg. Co.

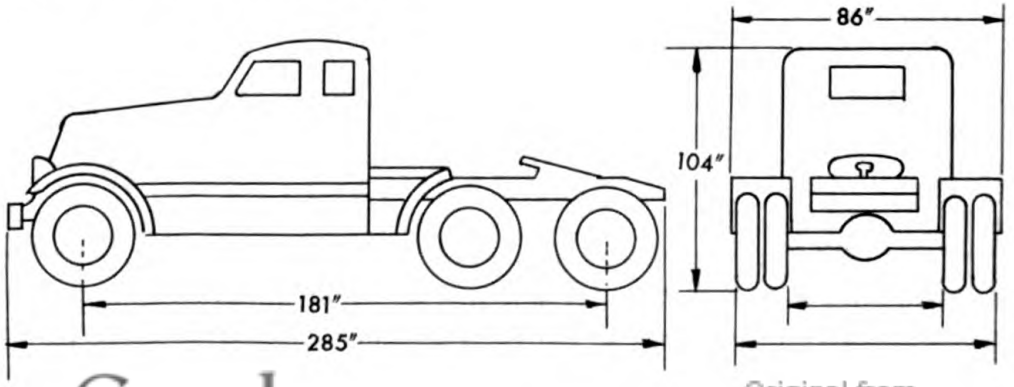


RA PD 308947

Vehicle illustrated above: Corbitt

Classification: Limited standard

Purpose: To tow semitrailers.



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SECTION IX—TRUCK TRACTORS

TRUCK TRACTOR, 8-TON, 6 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	14,300
	Payload	(lb)	16,000
	Gross	(lb)	30,300
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front	Rear	
Ground clearance		(in.)	
Electrical system		(volts)	12
Capacities	Fuel, octane gasoline	(gal)	75
	Cooling system	(qt)	35
	Crankcase (refill)	(qt)	10
Brakes		(Westinghouse) Air	

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	42½
Fording depth	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	2.6
Cruising range, average conditions	(miles)	195
Maximum allowable speed	(mph)	
Number of speeds forward		

ENGINE

Manufacturer	Continental	Model 22R	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	
Governed speed		(rpm)	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRACTOR, CRANE, 2-TON, M3

Technical Manuals:

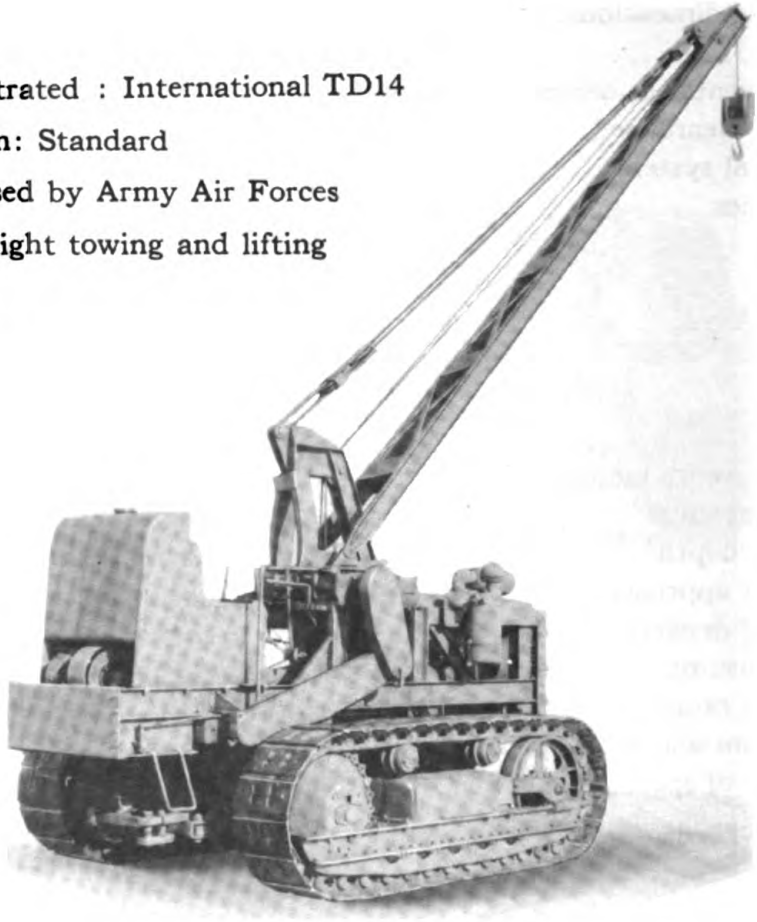
Parts Lists: SNL G- 69 (CAT.)
SNL G-132 (IHC)

Manufacturers: International Harvester Co.; Crane: Hughes-Keenan Co., Model MC-1R; Caterpillar Tractor Co., Model D6; Crane: Cardwell Crane Co., Model B.

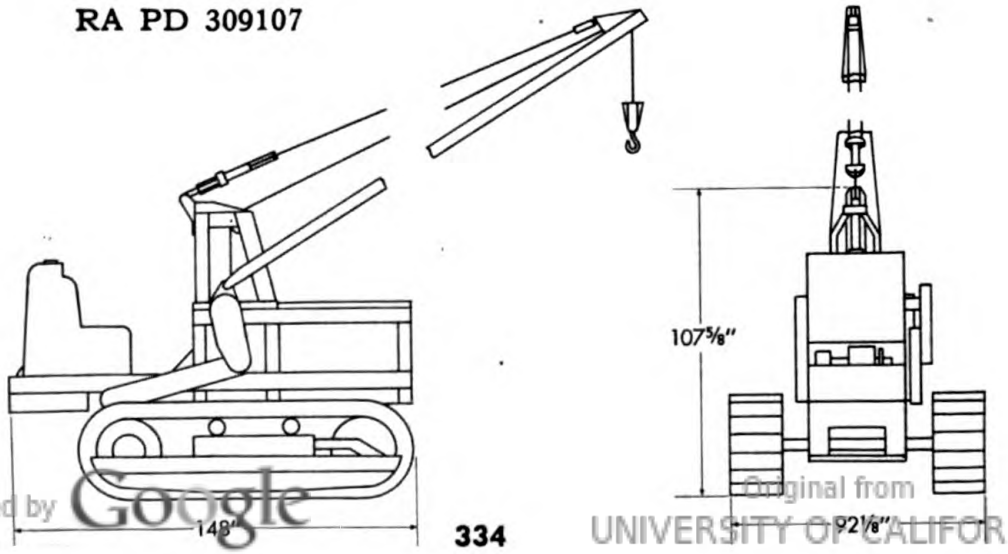
Vehicle illustrated : International TD14

Classification: Standard

Purpose: Used by Army Air Forces to perform light towing and lifting operations.



RA PD 309107



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SECTION X—TRACTORS

TRACTOR, CRANE, 2-TON, M3

GENERAL DATA

Crew			1
Weight	Net	(lb)	21,540
Shipping dimensions	(cu ft)	(sq ft)	
Tread, center to center		(in.)	74
Track width		(in.)	16
Ground clearance		(in.)	9 7/8
Ground pressure		(lbs per sq in.)	8.71
Electrical system			None
Capacities	Fuel, commercial Diesel fuel oil	(gal)	46 1/2
	Cooling system	(qt)	80
	Crankcase (refill)	(qt)	
Brakes			Mechanical

PERFORMANCE

Maximum gradability		(percent)	
Turning radius	Without boom	(ft)	8 3/4
Fording depth		(in.)	
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	110
Maximum allowable speed		(mph)	5.8
Number of speeds forward			6

ENGINE

Manufacturer	IHC	Model	TD14
Type	In-line, 4 cycle, Diesel	No. of cylinders	4
Displacement		(cu in.)	460.7
Governed speed		(rpm)	
Brake horsepower			68.5
Ignition type			Compression

ADDITIONAL DATA

Maximum lifting capacity 4,000 pounds at 12-foot radius. Boom traverse, 260°. Hoisting speed 45 feet per minute.

Caterpillar Model D6 with Cardwell Crane Model B differs considerably from International Model TD-14 in weights, etc.

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STANDARD MILITARY MOTOR VEHICLES

TRACTOR, CRANE, 6-TON, M4

Technical Manuals: Parts List: SNL G-126

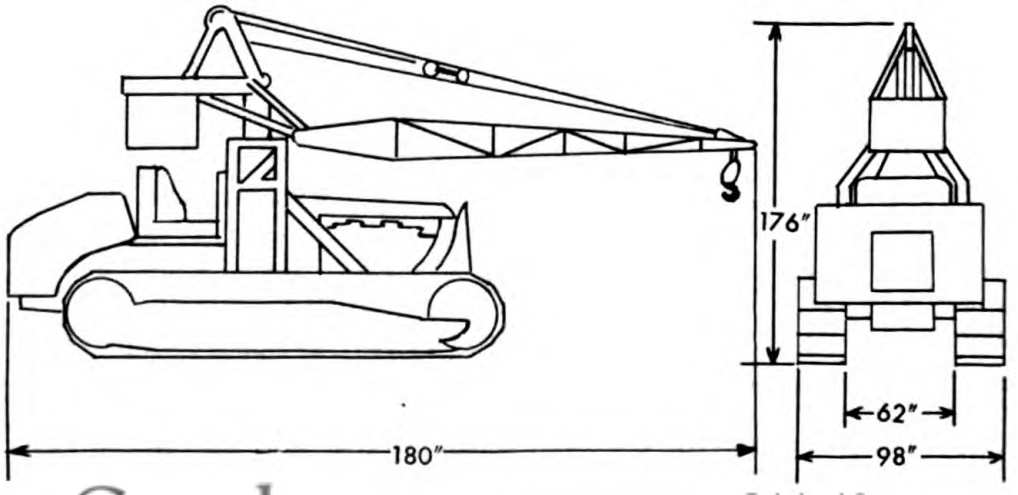
Manufacturers: Caterpillar Tractor Co.; Crane: Cardwell Crane Co.



RA PD 66495

Classification: Standard

Purpose: Used by Army Air Forces to lift aircraft engines into engine mounts.



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SECTION X—TRACTORS

TRACTOR, CRANE, 6-TON, M4

GENERAL DATA

Crew			1
Weight	Gross	(lb)	41,846
Shipping dimensions	(cu ft) 1,520	(sq ft) 104	
Track width		(in.)	18
Ground clearance		(in.)	15½
Ground pressure		(lbs per sq in.)	10.5
Electrical system		(volts)	6
Capacities	Fuel, 50 cetane Diesel fuel oil	(gal)	65
	Cooling system	(qt)	72
	Crankcase (refill)	(qt)	22
Brakes		Mechanical	

PERFORMANCE

Maximum gradability	(percent)	40
Turning radius	(ft)	11
Fording depth	(in.)	35
Angle of approach	(deg)	40
Angle of departure	(deg)	30
Fuel consumption, average conditions (w/o towed load)	(miles per gal)	1.5
Cruising range, average conditions	(miles)	100
Maximum allowable speed	(mph)	6
Number of speeds forward		

ENGINE

Manufacturer	Caterpillar	Model D7	
Type	In-line, 4 cycle, Diesel	No. of cylinders	4
Displacement		(cu in.)	831
Governed speed		(rpm)	1,000
Brake horsepower			80
Ignition type		Compression	

ADDITIONAL DATA

Maximum lifting capacity 17,900 pounds at 10-foot radius. Boom traverse 300°. Hoisting speed 51 feet per minute.

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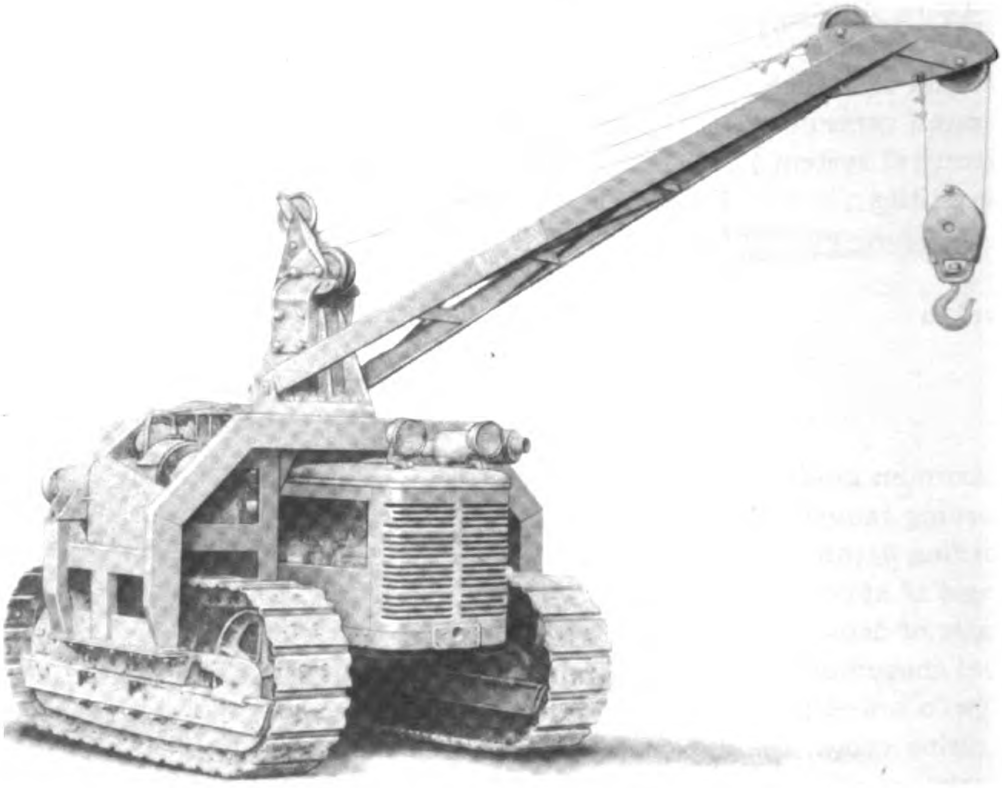
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STANDARD MILITARY MOTOR VEHICLES

TRACTOR, CRANE, 2-TON, M5

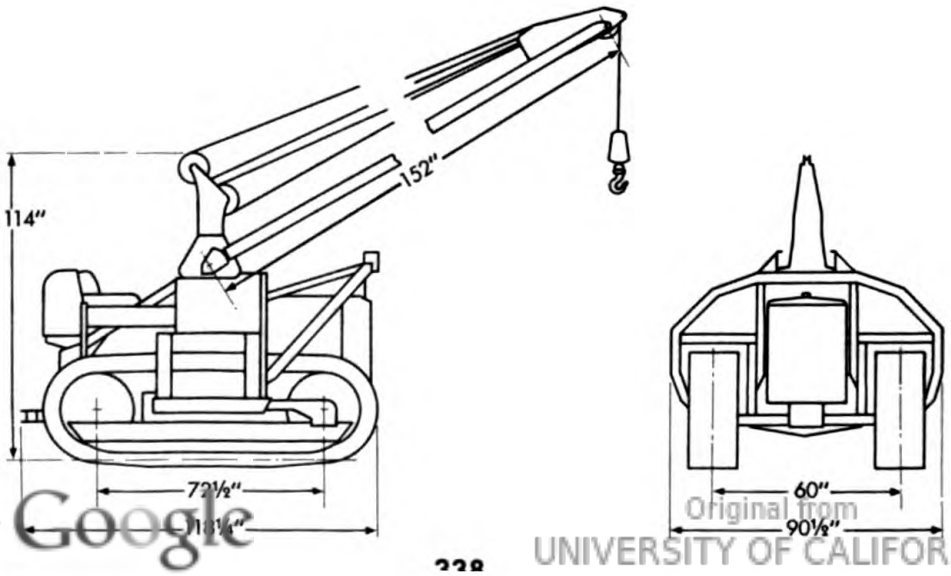
Technical Manuals: Parts List: SNL G-99

Manufacturers: International Harvester Co. T9; Crane: Trackson Co., Model CT-9.



Classification: Standard RA PD 309106

Purpose: Used by Aviation Ordnance companies.



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SECTION X—TRACTORS

TRACTOR, CRANE, 2-TON, M5

GENERAL DATA

Crew			1
Weight	Net	(lb)	18,725
Shipping dimensions	(cu ft)	(sq ft)	
Tread, center to center		(in.)	60
Track width		(in.)	15
Ground clearance		(in.)	10
Ground pressure		(lbs per sq in.)	8.68
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	31
	Cooling system	(qt)	48
	Crankcase (refill)	(qt)	11
Brakes		Mechanical	

PERFORMANCE

Maximum gradability		(percent)	
Turning radius		(ft)	8
Fording depth		(in.)	
Fuel consumption, average conditions		(miles per gal)	
Cruising range, average conditions		(miles)	55
Maximum allowable speed		(mph)	
Number of speeds forward			5

ENGINE

Manufacturer	IHC	Model T9	
Type	In-line, 4 cycle	Number of cylinders	4
Displacement		(cu in.)	353
Governed speed		(rpm)	
Brake horsepower			52
Ignition type		Magneto	

ADDITIONAL DATA

Maximum lifting capacity 4,000 pounds at 8-foot radius. Boom traverse 260°. Hoisting speed 71 feet per minute.

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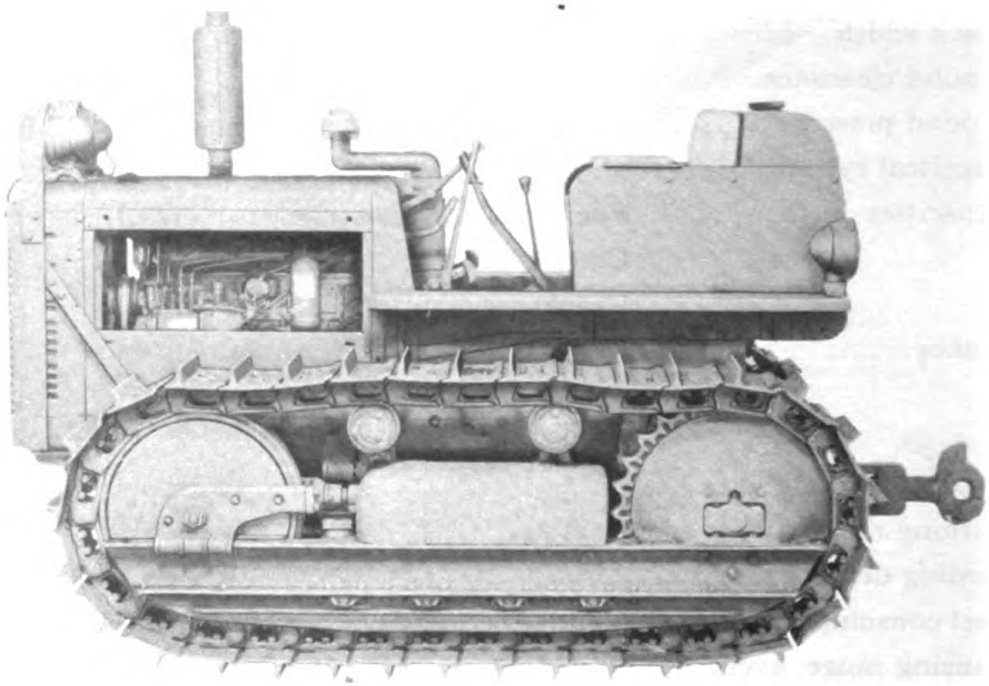
STANDARD MILITARY MOTOR VEHICLES

TRACTOR, LIGHT

Technical Manuals:

Parts Lists: SNL G-151 (CAT.)
SNL G- 99 (IHC)

Manufacturers: Caterpillar Tractor Co., Model D4; International Harvester Co., Model TD9

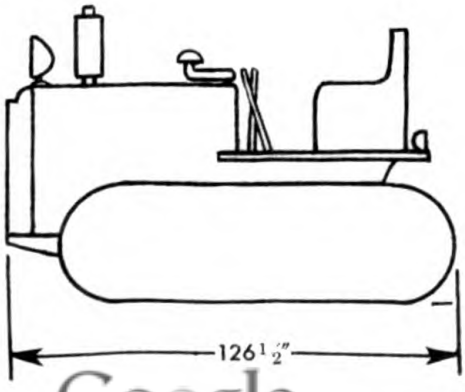


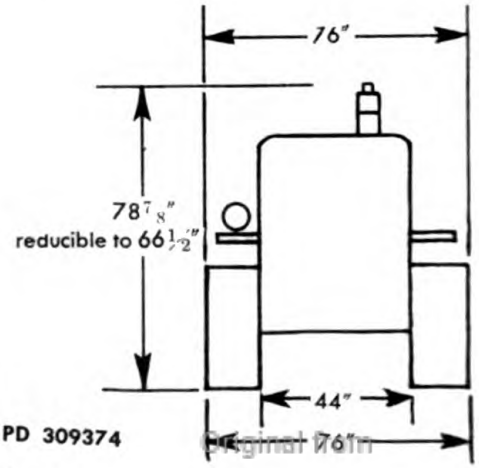
RA PD 66477

Vehicle illustrated above: International TD9

Classification: Standard

Purpose: To tow artillery over light terrain.





RA PD 309374

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SECTION X—TRACTORS

TRACTOR, LIGHT

GENERAL DATA

Crew			1
Weight	Gross	(lb)	11,325
Shipping dimensions	(cu ft) 439	(sq ft) 67	
Track width		(in.)	16
Ground clearance		(in.)	$9\frac{5}{8}$
Ground pressure		(lbs per sq in.)	5.58
Electrical system		(volts)	6
Capacities	Fuel, 50 cetane Diesel fuel oil	(gal)	31
	Cooling system	(qt)	52
	Crankcase (refill)	(qt)	11
Brakes		Mechanical	

PERFORMANCE

Maximum gradability	(percent)	58
Turning radius	(ft)	$7\frac{1}{4}$
Fording depth	(in.)	31
Angle of approach	(deg)	45
Angle of departure	(deg)	14
Fuel consumption, average conditions	(miles per gal)	3.3
Cruising range, average conditions	(miles)	51
Maximum allowable speed	(mph)	5.3

ENGINE

Manufacturer	IHC	Model TD9	
Type	In-line, 4 cycle, Diesel	No. of cylinders	4
Displacement		(cu in.)	334.5
Governed speed		(rpm)	1,400
Brake horsepower			
Ignition type	Compression and magneto		

ADDITIONAL DATA

Gasoline and magneto used for starting.

Gasoline tank capacity $\frac{2}{3}$ gal.

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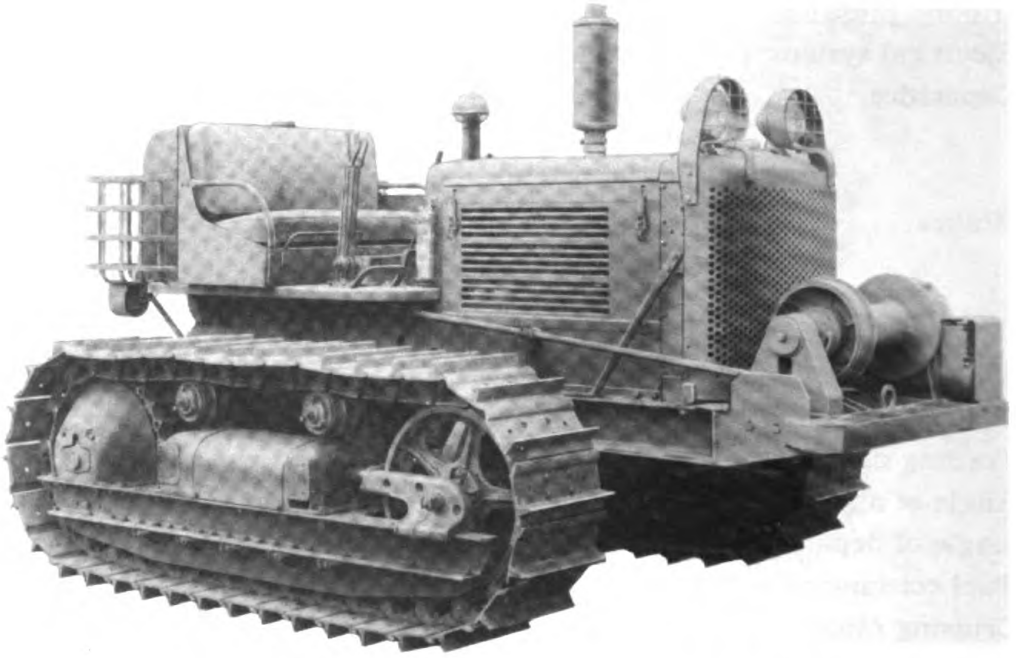
STANDARD MILITARY MOTOR VEHICLES

TRACTOR, MEDIUM, M1

Technical Manuals: Allis-Chalmers—TM 9-783B, TM 9-1783A, TM 9-1783B, TM 9-1783C.

Parts Lists:
SNL G-132 (IHC)
SNL G-125 (A-C)
SNL G- 69 (Cat.)

Manufacturers: Allis-Chalmers Co., Model HD7W; Caterpillar Tractor Co., Model D6; Cleveland Tractor Co.; International Harvester Co. Model TD14

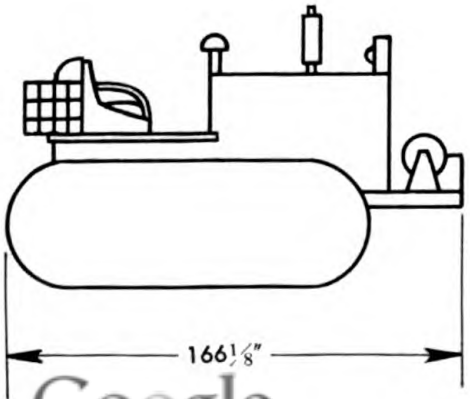


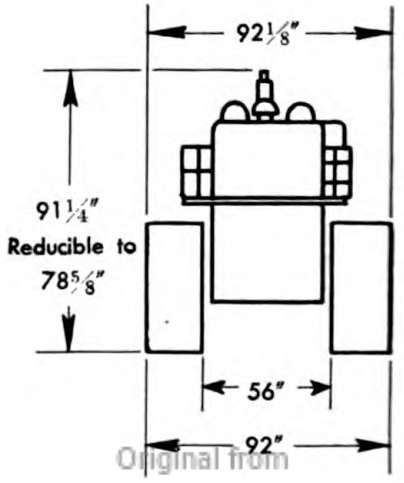
RA PD 66481

Vehicle illustrated above: International, Model TD14

Classification: Standard

Purpose: To tow artillery or equipment over rough terrain.





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SECTION X—TRACTORS

TRACTOR, MEDIUM, M1

GENERAL DATA

Crew			1
Weight	Gross	(lb)	21,600
Shipping dimensions	(cu ft)	(sq ft) 106	
Track width		(in.)	18
Ground clearance		(in.)	9 3/8
Ground pressure		(lbs per sq in.)	7.63
Electrical system		(volts)	6
Capacities	Fuel, 50 cetane Diesel fuel oil	(gal)	90
	Cooling system	(qt)	80
	Crankcase (refill)	(qt)	16
Brakes		Mechanical	

PERFORMANCE

Maximum gradability	(percent)	36
Turning radius	(ft)	9 1/3
Fording depth	(in.)	38
Angle of approach	(deg)	29
Angle of departure	(deg)	10 1/2
Fuel consumption, average conditions	(miles per gal)	2.75
Cruising range, average conditions	(miles)	180
Maximum allowable speed	(mph)	8 1/2
Number of speeds forward		

ENGINE

Manufacturer: IHC		Model TD14	
Type	In-line, 4 cycle, Diesel	No. of cylinders	4
Displacement		(cu in.)	
Governed speed		(rpm)	1,350
Brake horsepower			
Ignition type		Compression and magneto	

ADDITIONAL DATA

Winch capacity	(lb)	25,000

Gasoline and magneto used for starting.

Gasoline tank capacity 1 1/2 gal.

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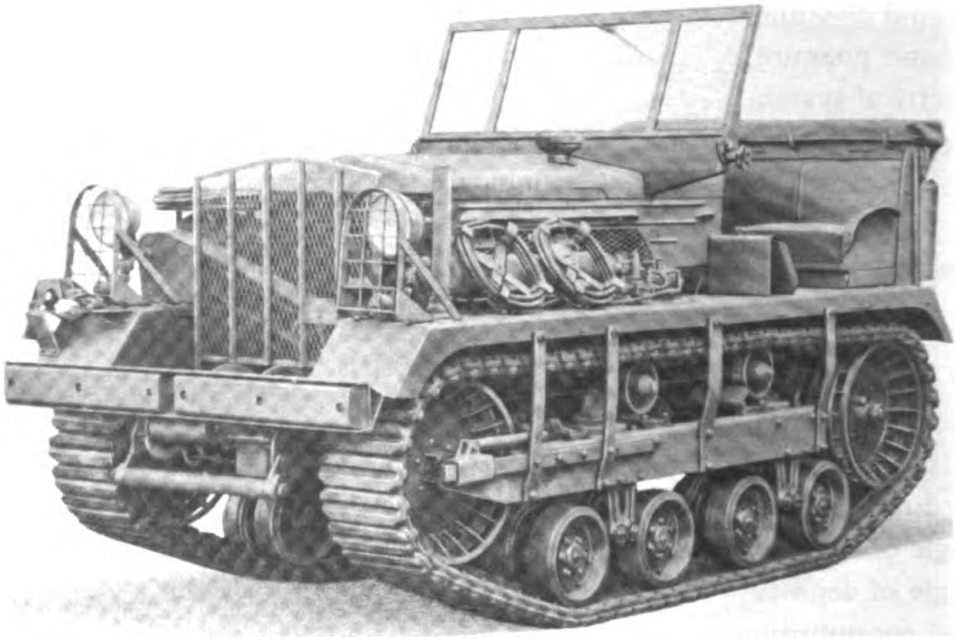
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STANDARD MILITARY MOTOR VEHICLES

TRACTOR, HIGH SPEED, 7-TON, M2

Technical Manuals: Parts List: SNL G-96

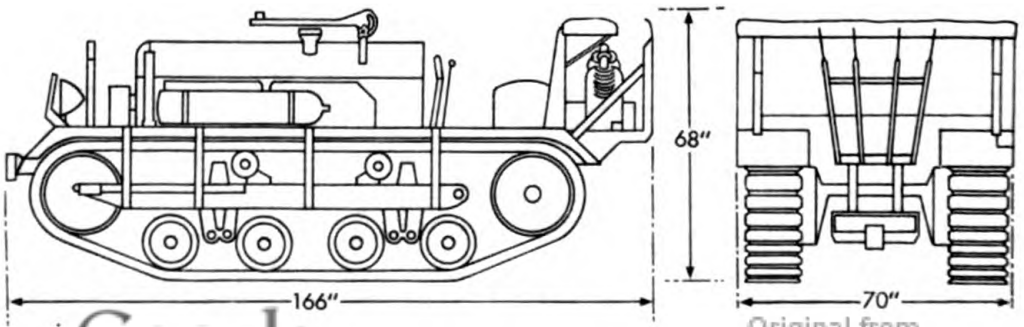
Manufacturer: Cletrac Tractor Co. (The Cleveland Tractor Co.)



RA PD 309092

Classification: Standard

Purpose: Used by Army Air Forces to tow equipment over rough terrain.



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SECTION X—TRACTORS

TRACTOR, HIGH SPEED, 7-TON, M2

GENERAL DATA

Crew			3
Weight	Net	(lb)	14,700
Shipping dimensions	(cu ft) 495	(sq ft) 79	
Track width		(in.)	14
Tread, center to center		(in.)	52
Ground clearance		(in.)	19
Ground pressure		(lbs per sq in.)	7.9
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	33
	Cooling system	(qt)	37
	Crankcase (refill)	(qt)	11
Brakes		Mechanical	

PERFORMANCE

Maximum gradability	(percent)	60
Turning radius	(ft)	10½
Fording depth	(in.)	32
Maximum vertical obstacle vehicle will climb	(in.)	20
Fuel consumption, average conditions	(miles per gal)	3
Cruising range, average conditions	(miles)	100
Maximum allowable speed	(mph)	22
Number of speeds forward		4

ENGINE

Manufacturer	Hercules		WXLC3
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	404
Governed speed		(rpm)	2500 and 3280
Brake horsepower			150
Ignition type			Battery

ADDITIONAL DATA

Winch capacity (lb) 10,000

Has auxiliary generator, 3KW, 110 volts, DC current, driven by V-belt from tractor engine. Has air compressor driven by tractor engine, 16.7 cubic feet per minute, three stage, 2,000 pounds per square inch. Compressor equipped with pressure outlets reducible to 100 pounds per square inch.

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STANDARD MILITARY MOTOR VEHICLES

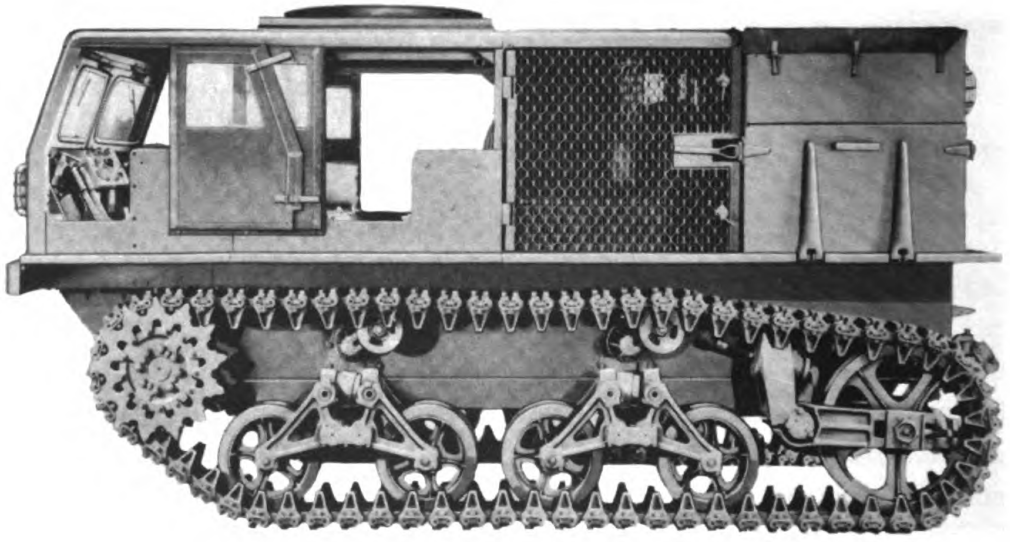
TRACTOR, HIGH SPEED, 18-TON, M4

Technical Manuals: TM 9-785. Parts List: SNL G-150

Manufacturer: Allis-Chalmers Co.

Armament: One Gun, machine, cal. .50, HB, M2 (flexible).

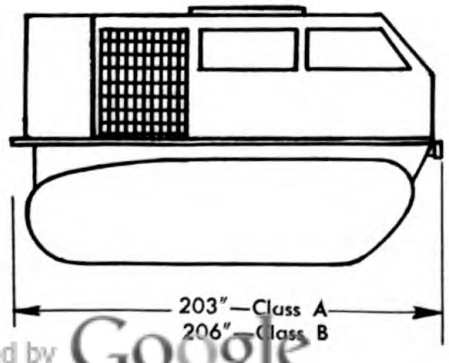
Ammunition: 54 rounds, 3-in., when towing 3-in. AA gun; 54 rounds, 90-mm, when towing 90-mm AA gun; 30 rounds, 155-mm, when towing 155-mm gun; 20 rounds, 8-in., when towing 8-in. howitzer; 12 rounds, 240-mm, when towing 240-mm howitzer; 500 rounds, cal. .50.

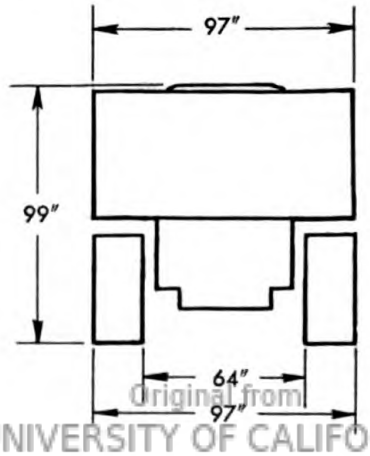


RA PD 66483

Classification: Standard

Purpose: To tow heavy artillery over rough terrain.





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SECTION X—TRACTORS

TRACTOR, HIGH SPEED, 18-TON, M4

GENERAL DATA

Crew		11
Weight (without crew or ammunition box—estimated)	(lb)	28,000
Weight (with crew and ammunition box—estimated)	(lb)	31,400
Shipping dimensions	(cu ft) 1,138	(sq ft)
Track width	(in.)	$16\frac{9}{16}$
Ground clearance	(in.)	20
Ground pressure, when towing 90-mm gun	(lb per sq in.)	7.6
when towing 155-mm gun	(lb per sq in.)	8.75
Electrical system	(volts)	12
Capacities: Fuel, 70 octane gasoline	(gal)	125
Cooling system	(qt)	72
Crankcase (refill)	(qt)	20
Brakes		Mechanical

PERFORMANCE

Maximum gradability	(percent)	45
Turning radius	(ft)	$18\frac{1}{2}$
Fording depth	(in.)	41
Angle of approach	(deg)	30
Angle of departure	(deg)	30
Fuel consumption, average conditions w/towed load	(miles per gal)	2
Cruising range, average conditions	(miles)	180
Maximum allowable speed	(mph)	35
Number of speeds forward		

ENGINE

Manufacturer: Waukesha		Model 145GZ
Type: In-line, 4 cycle	Number of cylinders	6
Displacement	(cu in.)	815
Governed speed	(rpm)	2,100
Brake horsepower		
Ignition type		Battery

ADDITIONAL DATA

Winch capacity	(lb)	30,000

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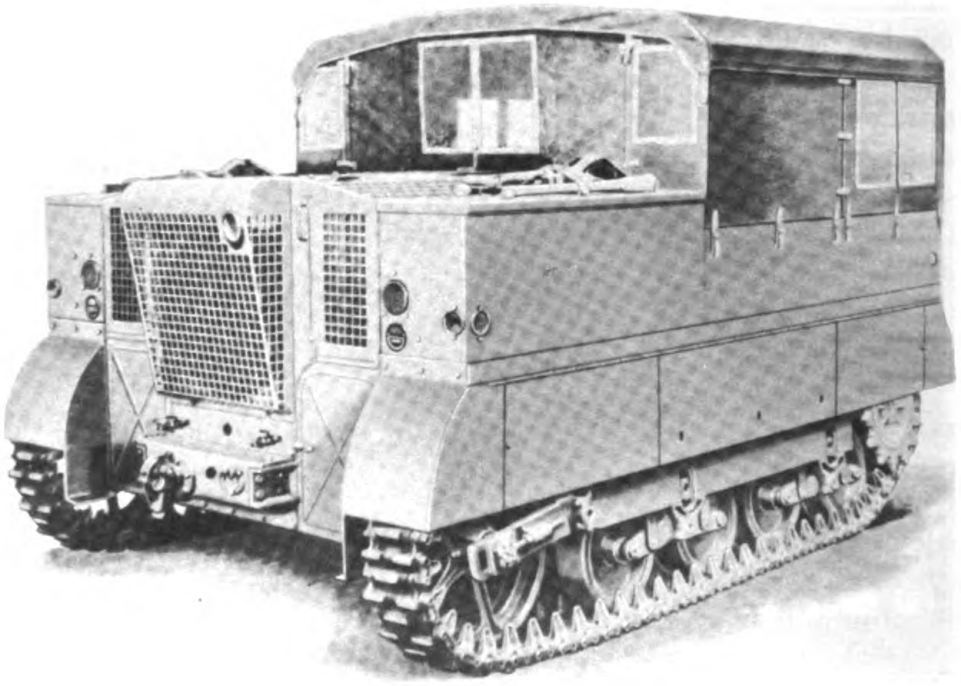
STANDARD MILITARY MOTOR VEHICLES

TRACTOR, HIGH SPEED, 13-TON, M5

Technical Manuals: TM 9-786. Parts List: SNL G-162

Manufacturer: International Harvester Co.

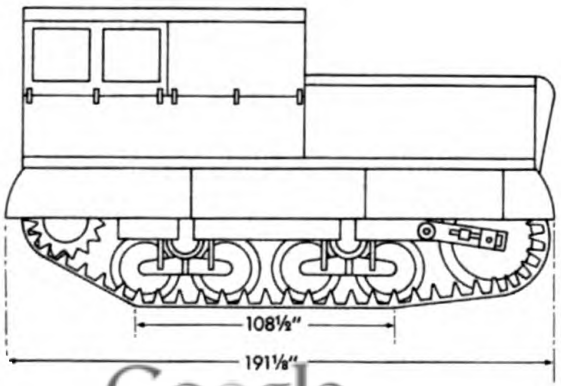
Ammunition: Carries 56 rounds, 105-mm; or 24 rounds, 155-mm; or 38 rounds, 4.5 in.

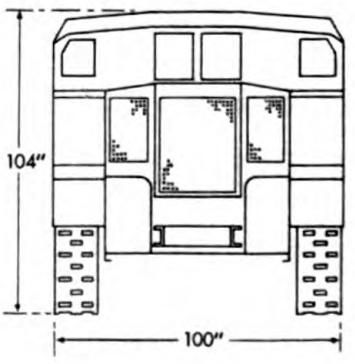


RA PD 309101

Classification: Standard

Purpose: To tow artillery over rough terrain.





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SECTION X—TRACTORS

TRACTOR, HIGH SPEED, 13-TON, M 5

GENERAL DATA

Crew			9
Weight	Payload	(lb)	5,000
	Gross (with crew)	(lb)	28,000
Shipping dimensions	(cu ft)	(sq ft)	
Track width		(in.)	115/8
Ground clearance		(in.)	193/4
Ground pressure	(idler on ground)	(lb per sq in.)	11.1
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	100
	Cooling system	(qt)	
	Crankcase (refill)	(qt)	
Brakes			

PERFORMANCE

Maximum gradability	(percent)	
Turning radius	(ft)	18
Fording depth	(in.)	
Maximum vertical obstacle vehicle will climb	(in.)	
Angle of approach	(deg)	
Angle of departure	(deg)	
Fuel consumption, average conditions	(miles per gal)	
Cruising range, average conditions	(miles)	
Maximum allowable speed	(mph)	35
Number of speeds forward		4

ENGINE

Manufacturer	Continental	Model R6572	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	572
Governed speed		(rpm)	2,900
Brake horsepower			235

ADDITIONAL DATA

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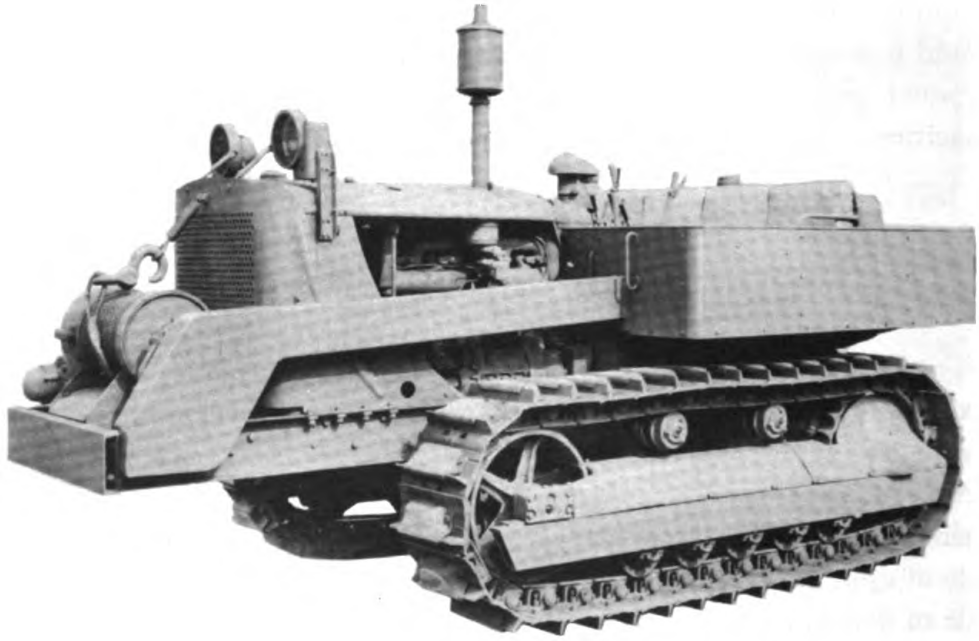
STANDARD MILITARY MOTOR VEHICLES

TRACTOR, HEAVY, M1

Technical Manual: TM 9-1773

Parts List:
SNL G-98 (Allis-Chalmers)
SNL G-101 (IHC)
SNL G-126 (Caterpillar)

Manufacturers: Allis-Chalmers Co., Model HD10W; Caterpillar Tractor Co., Model D7; International Harvester Co., Model TD18

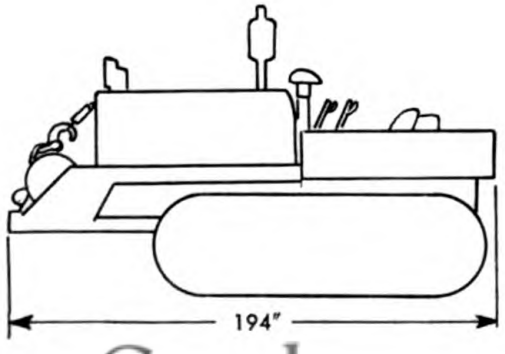


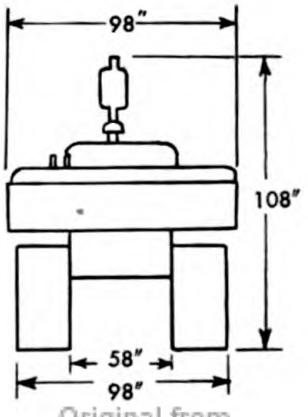
RA PD 66487

Vehicle illustrated above: Caterpillar Model D7

Classification: Standard

Purpose: To tow 155-mm gun.





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SECTION X—TRACTORS

TRACTOR, HEAVY, M1

GENERAL DATA

Crew			4
Weight	Gross	(lb)	30,100
Shipping dimensions	(cu ft) 1,188	(sq ft) 132	
Track width		(in.)	20
Ground clearance		(in.)	15½
Ground pressure		(lb per sq in.)	8.05
Electrical system		(volts)	6
Capacities	Fuel, 50 cetane Diesel fuel oil	(gal)	
	Cooling system	(qt)	72
	Crankcase (refill)	(qt)	22
Brakes		Mechanical	

PERFORMANCE

Maximum gradability	(percent)	62
Turning radius	(ft)	11¼
Fording depth	(in.)	35
Angle of approach	(deg)	24
Angle of departure	(deg)	30
Fuel consumption, average conditions		
(w/ towed load)	(miles per gal)	1.4
(w/o towed load)	(miles per gal)	2.8
Cruising range, average conditions	(miles)	175
Maximum allowable speed	(mph)	11
Number of speeds forward		

ENGINE

Manufacturer	Caterpillar	Model D7	
Type	In-line, 4 cycle, Diesel	Number of cylinders	4
Displacement		(cu in.)	831
Governed speed		(rpm)	1,050
Brake horsepower			80
Ignition type		Compression	

ADDITIONAL DATA

Winch capacity	(with Hyster D7)	(lb)	40,000

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STANDARD MILITARY MOTOR VEHICLES

TRACTOR, HIGH SPEED, 38-TON, M6

Technical Manuals:

Parts List: SNL G-184

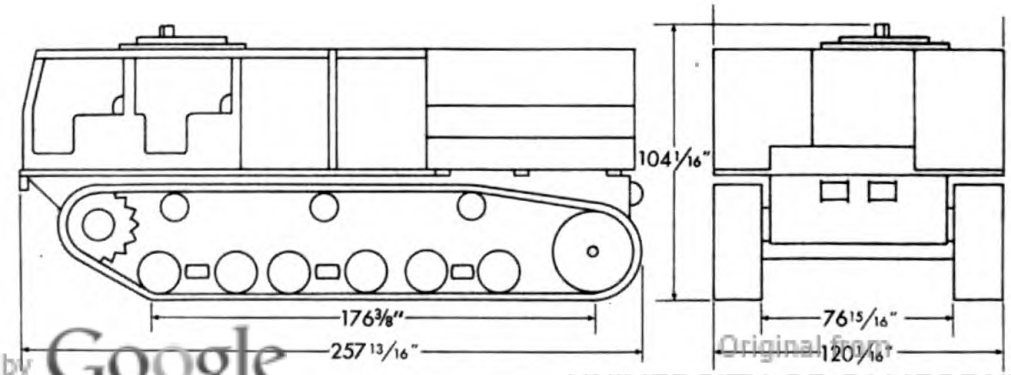
Manufacturer: Allis-Chalmers Mfg. Co.



RA PD 309112

Classification: Standard

Purpose: To tow heavy artillery over rough terrain.



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SECTION X—TRACTORS

TRACTOR, HIGH SPEED, 38-TON, M6

GENERAL DATA

Crew, operating . . . 1	Passenger capacity, including crew		10
Weight	Net	(lb)	60,000
	Payload	(lb)	15,000
	Gross	(lb)	75,000
Shipping dimensions	(cu ft) 1,935	(sq ft) 215	
Track width		(in.)	$21\frac{9}{16}$
Ground clearance		(in.)	$21\frac{1}{2}$
Ground pressure, track		(lb per sq in.)	8
Electrical system		(volts)	12
Capacities	Fuel, 70 octane gasoline	(gal)	300
	Cooling system (each)	(qt)	72
	Crankcase (each) (refill)	(qt)	20
	Transmission	(qt)	84
	Final drive (each)	(qt)	28
Brakes	Mechanical		

PERFORMANCE

Maximum gradability		(percent)	40
Turning radius		(ft)	$14\frac{1}{2}$
Fording depth		(in.)	54
Angle of approach		(deg)	35
Angle of departure		(deg)	35
Fuel consumption, average conditions		(miles per gal)	.5
Cruising range, average conditions		(miles)	150
Maximum allowable speed		(mph)	20.5

	1st	2nd or high gear
Cruising speeds	6	20.5

ENGINES (two)

Manufacturer	Waukesha	Model 145GZ	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement, each		(cu in.)	815
Governed speed		(rpm)	2,100
Brake horsepower, each			215

ADDITIONAL DATA

Winch capacity	(lb)	60,000

Vehicle is equipped with torque converter.

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STANDARD MILITARY MOTOR VEHICLES

AMBULANCE, ½-TON, 4 x 4

Technical Manuals: TM 10-1179, TM 10-1153, Parts List: SNL G-505
TM 10-1123 (C1), TM 10-1209,
TM 10-1201 (C1), TM 10-1443.

Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)

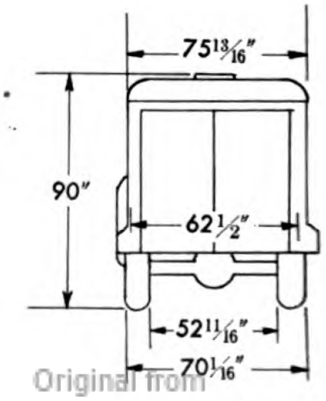


RA PD 66313

Classification: Limited standard

Purpose: To transport sick and wounded personnel.





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SECTION XI—AMBULANCES

AMBULANCE, ½-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5640
	Payload	(lb)	1000
	Gross	(lb)	6640
Shipping dimensions	(cu ft) 770	(sq ft) 103	
Tires	Ply. . .6	Size. . .7.50 x 16	
Tread, center to center (in.)	Front $59\frac{3}{8}$	Rear $61\frac{3}{8}$	
Ground clearance		(in.)	9
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	25
	Cooling system	(qt)	17
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	58
Turning radius	(ft)	27
Fording depth	(in.)	32
Angle of approach	(deg)	62
Angle of departure	(deg)	30
Fuel consumption, average conditions	(miles per gal)	12
Cruising range, average conditions	(miles)	300
Maximum allowable speed	(mph)	55
Number of speeds forward		4

ENGINE

Manufacturer	Dodge	Models T207, T211, T215	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3100
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

AMBULANCE, ¾-TON, 4 x 4

Technical Manuals: TM 10-1531. Parts List: SNL G-502

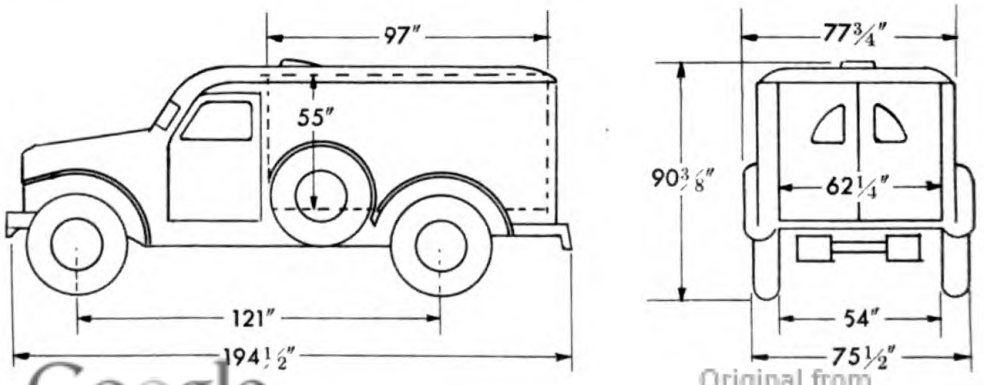
Manufacturer: Dodge Brothers Corp. (Div. of Chrysler Corp.)



RA PD 66315

Classification: Standard

Purpose: To transport sick and wounded personnel.



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SECTION XI—AMBULANCES

AMBULANCE, ¾-TON, 4 x 4

GENERAL DATA

Crew			2
Weight	Net	(lb)	5,920
	Payload	(lb)	1,800
	Gross	(lb)	7,720
Shipping dimensions	(cu ft) 790	(sq ft) 105	
Tires	Ply . . . 8	Size . . . 9.00 x 16	
Tread, center to center		(in.)	$64\frac{3}{4}$
Ground clearance		(in.)	$10\frac{5}{8}$
Electrical system		(volts)	6
Capacities	Fuel, 72 octane gasoline	(gal)	30
	Cooling system	(qt)	8
	Crankcase (refill)	(qt)	5
Brakes		Hydraulic	

PERFORMANCE

Maximum gradability		(percent)	54
Turning radius (ft)	Right 24	Left 26	
Fording depth		(in.)	34
Angle of approach		(deg)	53
Angle of departure		(deg)	24
Fuel consumption, average conditions		(miles per gal)	8
Cruising range, average conditions		(miles)	240
Maximum allowable speed		(mph)	54
Number of speeds forward			4

ENGINE

Manufacturer	Dodge	Model T214	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	230.2
Governed speed		(rpm)	3,200
Brake horsepower			76
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

AMBULANCE, METROPOLITAN, ¾-TON, 4 x 2

Technical Manuals:

Parts Lists: SNL G-549 (Packard)
SNL G-548 (Cadillac)

Manufacturers: Packard Motor Car Co.; Body by Henney

Cadillac Motor Car Div. (General Motors Corp.); Body by Superior

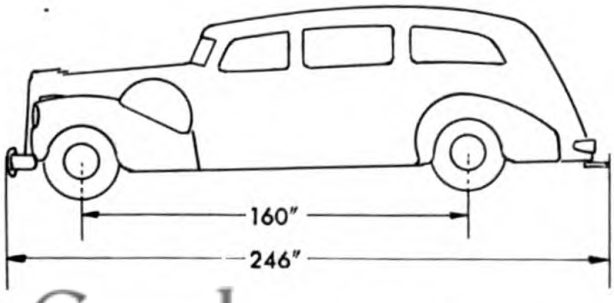


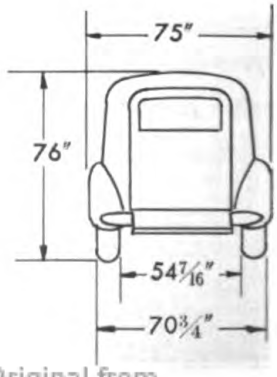
RA PD 308964

Vehicle illustrated above: Packard Motor Car Co.

Classification: Standard

Purpose: To transport sick and wounded personnel.





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SECTION XI—AMBULANCES

AMBULANCE, METROPOLITAN, ¾-TON, 4 x 2

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew	12
Weight		Net (lb)	5,125
		Payload (lb)	1,500
		Gross (lb)	6,625
Tires	Ply . . . 6	Size . . . 7.50 x 16	
Ground clearance		(in.)	
Electrical system		(volts)	6
Capacities		Fuel, 68 octane gasoline (gal)	20
		Cooling system (qt)	17
		Crankcase (refill) (qt)	6
Brakes	4-wheel	Hydraulic	

PERFORMANCE

Turning radius (ft)	Right 26	Left 27	
Fuel consumption, average conditions		(miles per gal)	12
Cruising range, average conditions		(miles)	240
Maximum allowable speed		(mph)	50
Number of speeds forward			3

ENGINE

Manufacturer	Packard	Model 2001-A	
Type	In-line, 4 cycle	Number of cylinders	8
Displacement		(cu in.)	282
Governed speed		(rpm)	2,830
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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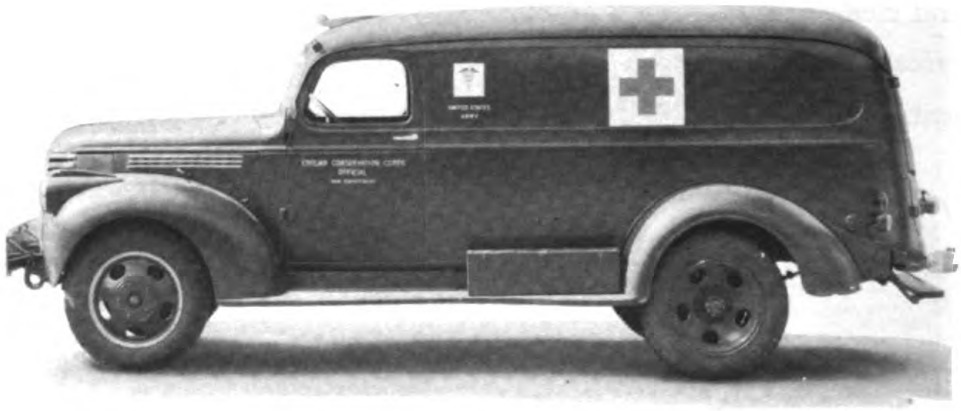
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STANDARD MILITARY MOTOR VEHICLES

AMBULANCE, FIELD, 1½-TON, 4 x 2

Technical Manuals: TM 10-1365, TM 10-1403. Parts List: SNL G-617

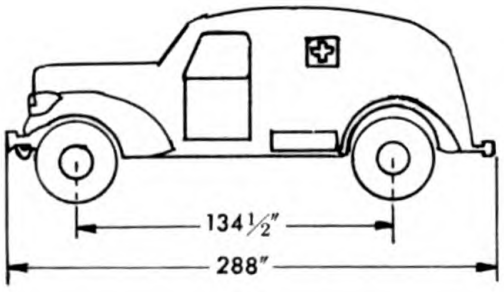
Manufacturer: Chevrolet Motor Division (General Motors Corp.)

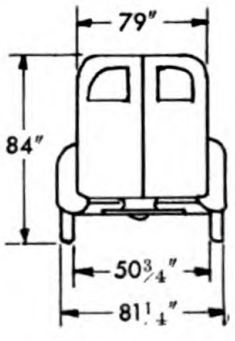


RA PD 308965

Classification: Limited standard

Purpose: To transport sick and wounded personnel.





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SECTION XI—AMBULANCES

AMBULANCE, FIELD, 1½-TON, 4 x 2

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew	10
Weight		Net (lb)	5,485
		Payload (lb)	2,400
		Gross (lb)	7,885
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 6	Size 6.50 x 20	
Tread, center to center (in.)	Front 59 15/16	Rear 66	
Ground clearance (in.)			8 7/8
Electrical system (volts)			6
Capacities	Fuel, 68 octane gasoline (gal)		18
	Cooling system (qt)		16
	Crankcase (refill) (qt)		6
Brakes	4 wheel	Hydraulic	

PERFORMANCE

Turning radius (ft)	Right 25	Left 26
Fuel consumption, average conditions (miles per gal)		8
Cruising range, average conditions (miles)		150
Maximum allowable speed (mph)		45
Number of speeds forward		4

ENGINE

Manufacturer	Chevrolet	Model BQ-1001 up	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement (cu in.)			216.5
Governed speed (rpm)			2,860
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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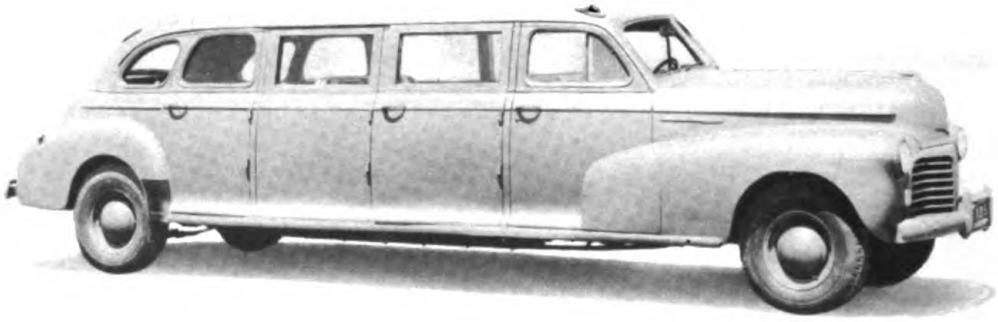
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STANDARD MILITARY MOTOR VEHICLES

BUS, SEDAN, CONVERTED, 15-PASSENGER, 4 x 2

Technical Manuals: Parts List: SNL G-520

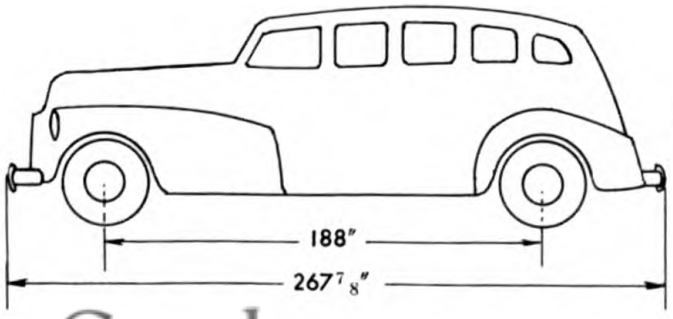
Manufacturers—Chassis: Chevrolet Motor Division (General Motors Corp.)—Body by various manufacturers.

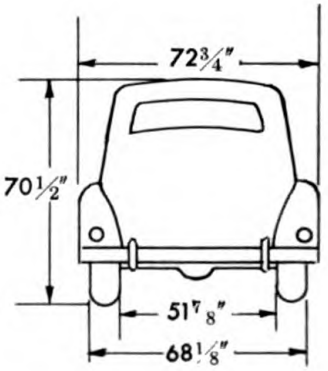


RA PD 308962

Classification: Substitute standard

Purpose: To transport personnel.





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SECTION XII—BUSSES

BUS, SEDAN, CONVERTED, 15-PASSENGER, 4 x 2

GENERAL DATA

Crew, operating	1	Passenger capacity, including crew	16
Weight		Net (lb)	4,950
		Payload (lb)	2,250
		Gross (lb)	7,200
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 6	Size 7.50 x 16	
Tread, center to center (in.)	Front 57 5/8	Rear 60	
Ground clearance		(in.)	8 3/4
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	16
	Cooling system	(qt)	15
	Crankcase (refill)	(qt)	5
Brakes	4-wheel	Hydraulic	

PERFORMANCE

Turning radius (ft)	Right 21 1/2	Left 20 1/2	
Angle of approach		(deg)	
Angle of departure		(deg)	
Fuel consumption, average conditions		(miles per gal)	15
Cruising range, average conditions		(miles)	240
Maximum allowable speed		(mph)	35
Number of speeds forward			3

ENGINE

Manufacturer	Chevrolet	Model 1942	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed			1667
Brake horsepower			90
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

BUS, PASSENGER, 25-PASSENGER

Technical Manuals: TM 10-1389 Parts List:

Manufacturers: Available Truck Co.; Ford Motor Company.

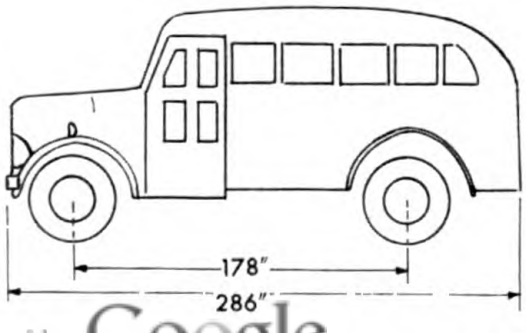


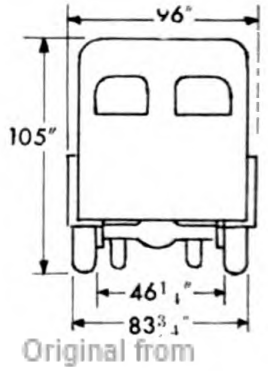
RA PD 308960

Vehicle illustrated above: Available Truck Co.

Classification: Standard

Purpose: To transport personnel.





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SECTION XII—BUSSES

BUS, PASSENGER, 25-PASSENGER

GENERAL DATA

Crew, operating	1	Passenger capacity, including crew	26
Weight		Net (lb)	9,100
		Payload (lb)	4,000
		Gross (lb)	13,100
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 8	Size 7.50 x 20	
Tread, center to center (in.)	Front 69	Rear 65	
Ground clearance (in.)			$10\frac{1}{16}$
Electrical system (volts)			6
Capacities	Fuel, 68 octane gasoline (gal)		34
	Cooling system (qt)		18
	Crankcase (refill) (qt)		8
Brakes	4-wheel	Hydraulic (Lockheed)	

PERFORMANCE

Turning radius (ft)	Right 30	Left 31
Angle of approach (deg)		
Angle of departure (deg)		
Fuel consumption, average conditions (miles per gal)		6
Cruising range, average conditions (miles)		204
Maximum allowable speed (mph)		35
Number of speeds forward		4

ENGINE

Manufacturer	Waukesha	Model 6-BM	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement (cu in.)			263
Governed speed (rpm)			2,310
Brake horsepower			
Ignition type	Battery		

ADDITIONAL DATA

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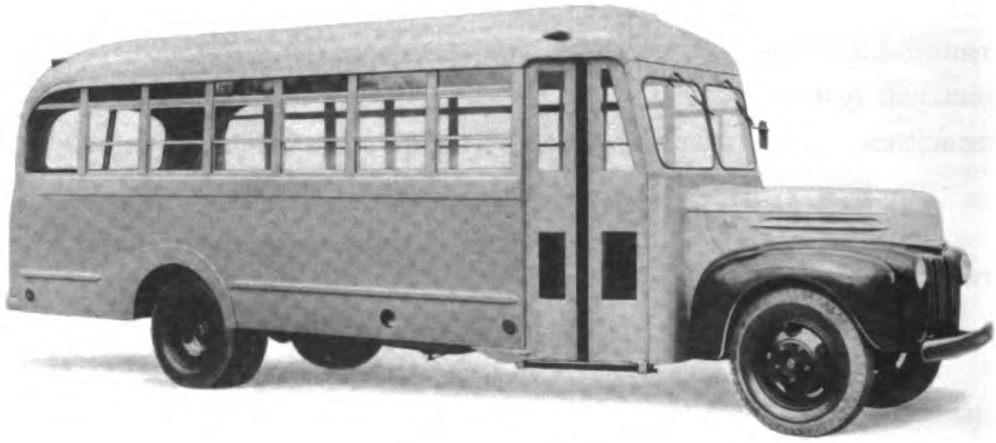
STANDARD MILITARY MOTOR VEHICLES

BUS, COMMERCIAL TYPE, 20-29 PASSENGER, 1½-TON, 4 x 2

Technical Manuals:

Parts List: SNL G-540

Manufacturers: Various

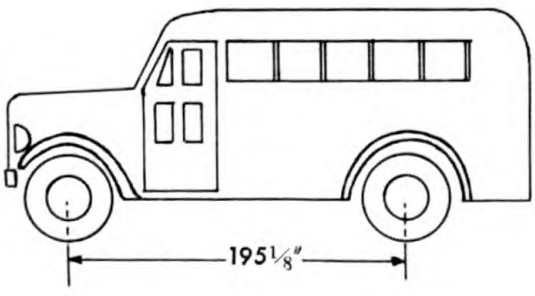


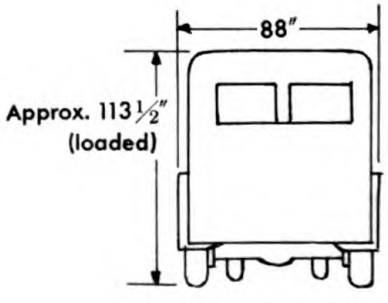
RA PD 308910

Vehicle illustrated above: Ford

Classification: Substitute standard

Purpose: To transport personnel.





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SECTION XII—BUSSES

BUS, COMMERCIAL TYPE, 20-29 PASSENGER, 1½-TON, 4 x 2

GENERAL DATA

Crew, operating	1	Passenger capacity, including crew	30
Weight		Net (lb)	8,250
		Payload (lb)	4,500
		Gross (lb)	12,750
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply . . . 8 or 10	Size . . . 7.50 x 20	
Tread, center to center (in.)	Front 58⅝	Rear 66	
Ground clearance (in.)			9¾
Electrical system (volts)			6
Capacities	Fuel, 68 octane gasoline (gal)		18
	Cooling system (qt)		14
	Crankcase (refill) (qt)		5
Brakes	4-wheel	Hydraulic	

PERFORMANCE

Turning radius (ft)	Right 28	Left 30	
Angle of approach (deg)			
Angle of departure (deg)			
Fuel consumption, average conditions (miles per gal)			9
Cruising range, average conditions (miles)			160
Maximum allowable speed (mph)			35
Number of speeds forward			4

ENGINE

Manufacturer	Various	Model—Will vary	
Type	Various	Number of cylinders	6 & 8
Displacement (cu in.)			232-239
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

All data given are approximate and will vary with different manufacturers.

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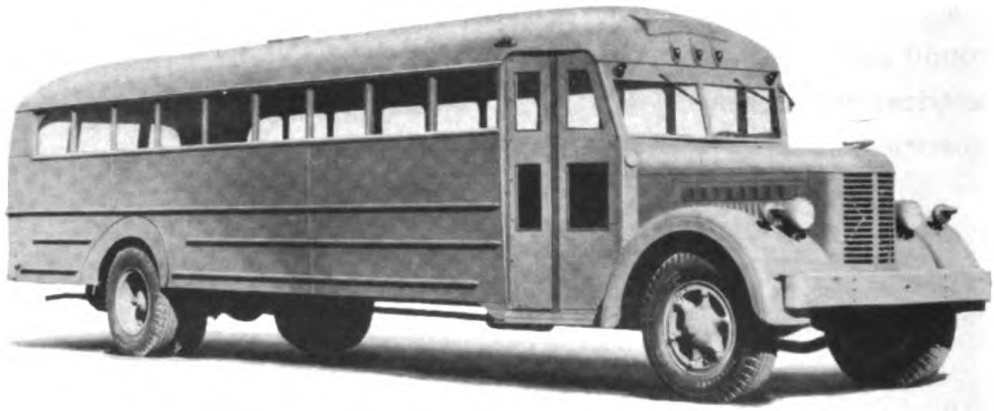
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STANDARD MILITARY MOTOR VEHICLES

BUS, 40-PASSENGER, 2½-TON, 4 x 2

Technical Manual: TM 10-1389. Parts List:

Manufacturers: Available Truck Co.; Diamond T Motor Car Co.; Federal Motor Truck Co.

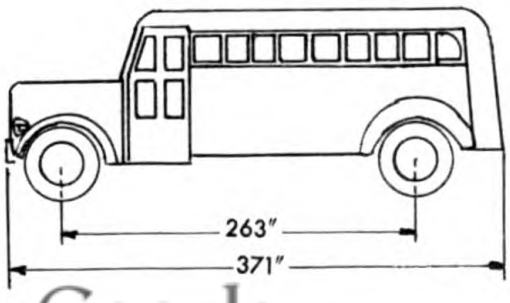


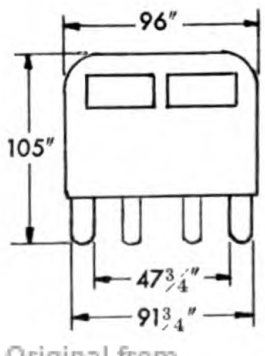
RA PD 308961

Vehicle illustrated above: Available Truck Co.

Classification: Limited standard

Purpose: To transport personnel.





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SECTION XII—BUSSES

BUS, 40-PASSENGER, 2½-TON, 4 x 2

GENERAL DATA

Crew, operating	1	Passenger capacity, including crew	41
Weight		Net (lb)	13,260
		Payload (lb)	6,000
		Gross (lb)	19,260
Shipping dimensions	(cu ft)	(sq ft)	
Tires	Ply 10	Size 9.00 x 20	
Tread, center to center (in.)	Front 69	Rear $69\frac{3}{4}$	
Ground clearance		(in.)	$10\frac{15}{16}$
Electrical system		(volts)	6
Capacities	Fuel, 68 octane gasoline	(gal)	34
	Cooling system	(qt)	24
	Crankcase (refill)	(qt)	8
Brakes	Timken-Westinghouse	Air	

PERFORMANCE

Turning radius (ft)	Right 40	Left 41	
Angle of approach		(deg)	
Angle of departure		(deg)	
Fuel consumption, average conditions		(miles per gal)	6
Cruising range, average conditions		(miles)	204
Maximum allowable speed		(mph)	35
Number of speeds forward			5

ENGINE

Manufacturer	Waukesha	Model 6-BZ	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	320
Governed speed		(rpm)	2,900
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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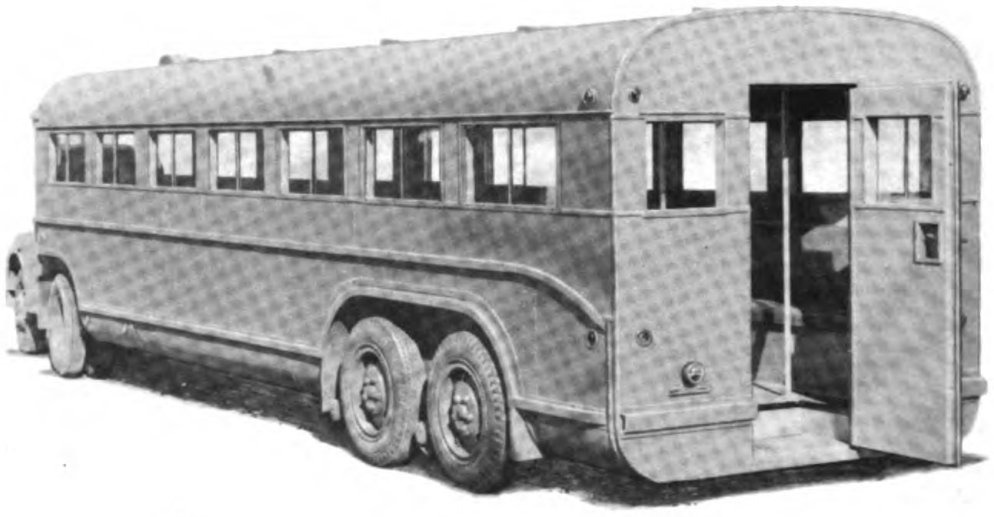
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STANDARD MILITARY MOTOR VEHICLES

BUS, SEMITRAILER, CONVERTED, 40-45 PASSENGER

Technical Manuals: Parts List:

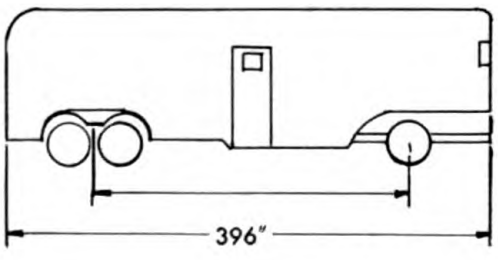
Manufacturers: Various

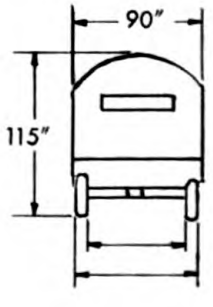


RA PD 308963

Classification: Substitute standard

Purpose: To transport personnel.





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SECTION XII—BUSSES

BUS, SEMITRAILER, CONVERTED, 40-45 PASSENGER

GENERAL DATA

Body type			Bus*
Trailer Weight	Net	Approx. (lb)	12,000
Payload capacity			45 passengers
Tread†			
Tires	Operating		4
	Size**		
Brakes			Air or vacuum
Towing tractor			Truck tractor, 1½-ton—2-ton commercial type
Ground clearance, under bed			Varies, unit is very low

ADDITIONAL DATA

*These units were purchased as used new-car haulaway trailers, reconditioned and converted by cutting away part of the original superstructure and building a bus body on the remaining chassis.

†Treads vary.

**Tires were those on the vehicles at the time of purchase and varied in size from 7.00 x 20 to 8.25 x 20. Approximately 25 different contractors made these bus conversions.

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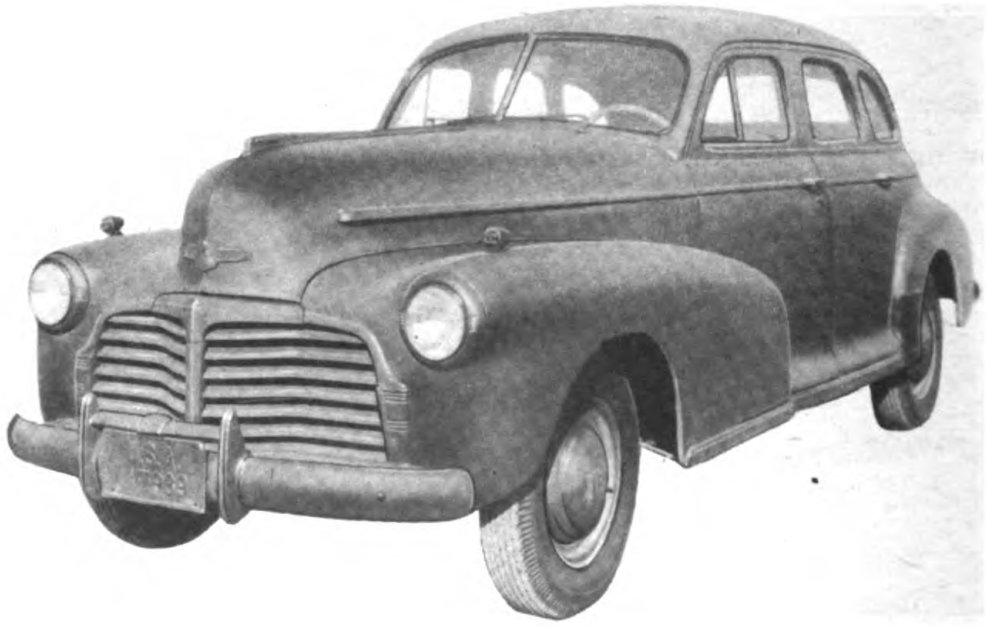
STANDARD MILITARY MOTOR VEHICLES

CAR, LIGHT SEDAN, 5-PASSENGER, 4 x 2

Technical Manuals: Chevrolet—
TM 10-1303, TM 10-1133.
Ford—TM 10-1375.
Plymouth—TM 10-1149, TM 10-1151.

Parts Lists:
SNL G-520 (Chev.)
SNL G-521 (Plym.)
SNL G-522 (Ford)

Manufacturers: Chevrolet Motor Division (General Motors Corp.); Ford Motor Co.; Plymouth Division, Chrysler Motor Corporation.

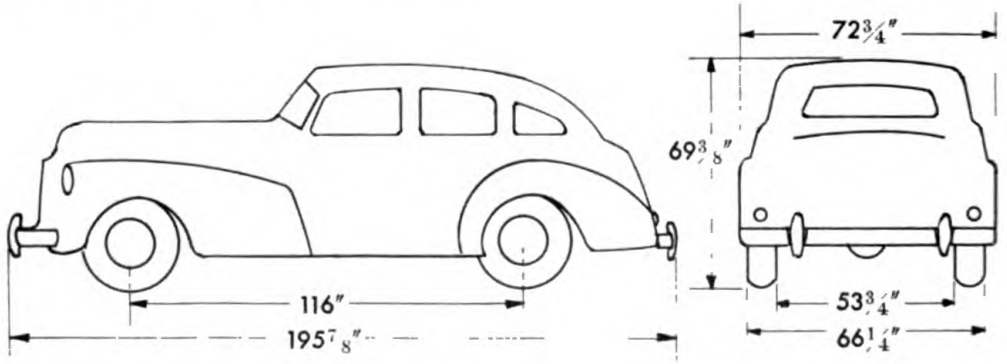


RA PD 66355

Vehicle illustrated above: Chevrolet

Classification: Standard

Purpose: To transport personnel.



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SECTION XIII—PASSENGER CARS

CAR, LIGHT SEDAN, 5-PASSENGER, 4 x 2

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew		5
Weight		Net	(lb)	3,275
		Payload	(lb)	800
		Gross	(lb)	4,075
Shipping dimensions	(cu ft) 575		(sq ft) 99	
Tires	Ply . . . 4	Size . . . 6.00 x 16		
Tread, center to center (in.)	Front $57\frac{21}{32}$		Rear 60	
Ground clearance			(in.)	$7\frac{5}{8}$
Electrical system			(volts)	6
Capacities	Fuel, 72 octane gasoline		(gal)	16
	Cooling system		(qt)	14
	Crankcase (refill)		(qt)	6
Brakes			Hydraulic	

PERFORMANCE

Maximum gradability	(percent)	38
Turning radius (ft)	Right $20\frac{1}{2}$	Left $19\frac{1}{2}$
Angle of approach	(deg)	25
Angle of departure	(deg)	15
Fuel consumption, average conditions	(miles per gal)	14
Cruising range, average conditions	(miles)	224
Maximum allowable speed	(mph)	
Number of speeds forward		3

ENGINE

Manufacturer	Chevrolet	Model 1942—BA-1001	
Type	In-line, 4 cycle	Number of cylinders	6
Displacement		(cu in.)	216.5
Governed speed		Not governed	
Brake horsepower			
Ignition type		Battery	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

CAR, MEDIUM SEDAN, 5-PASSENGER, 4 x 2

Technical Manuals: Parts List: SNL G-644

Manufacturers: Buick Motors Division (General Motors Corp.); Packard Motor Car Co.

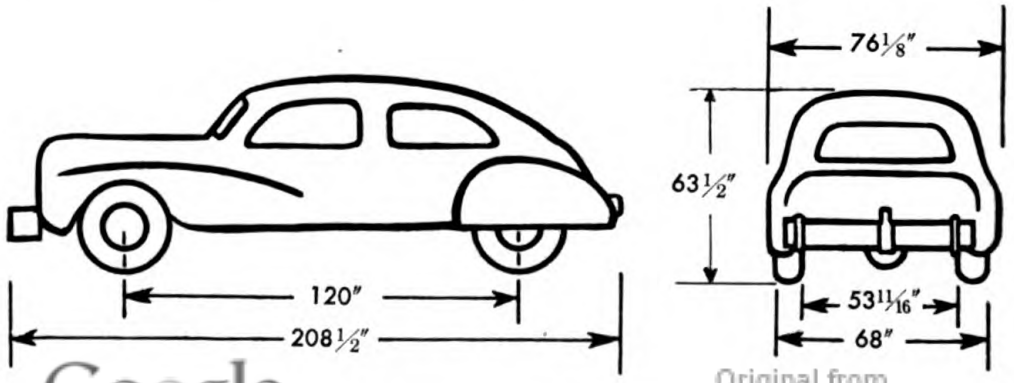


RA PD 66361

Vehicle illustrated above: Packard

Classification: Standard

Purpose: To provide transportation for staff officers.



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SECTION XIII—PASSENGER CARS

CAR, MEDIUM SEDAN, 5-PASSENGER, 4 x 2

GENERAL DATA

Crew, operating	2	Passenger capacity, including crew	5
Weight		Net (lb)	3,700
		Payload (lb)	700
		Gross (lb)	4,400
Shipping dimensions	(cu ft) 583	(sq ft) 110	
Tires	Ply . . . 4	Size . . . 6.50 x 15	
Tread, center to center (in.)	Front	Rear	
Ground clearance (in.)			$6\frac{11}{16}$
Electrical system (volts)			6
Capacities	Fuel, 70 octane gasoline (gal)		17
	Cooling system (qt)		17
	Crankcase (refill) (qt)		$5\frac{1}{2}$
Brakes			Hydraulic

PERFORMANCE

Maximum gradability (percent)	25
Turning radius (ft)	21
Fording depth (in.)	$18\frac{3}{4}$
Angle of approach (deg)	15
Angle of departure (deg)	16
Fuel consumption, average conditions, with overdrive (miles per gal)	20.9
Fuel consumption, average conditions, without overdrive (miles per gal)	18.4
Cruising range, average conditions, with overdrive (miles)	355
Cruising range, average conditions, without overdrive (miles)	312
Maximum allowable speed (mph)	90-95
Number of speeds forward	3

ENGINE

Manufacturer	Packard	Model 2001	
Type	In-line, 4 cycle	Number of cylinders	8
Displacement (cu in.)			282
Brake horsepower			
Ignition type			Battery

ADDITIONAL DATA

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MOTORCYCLE, SOLO

Technical Manuals: Harley-Davidson—
TM 10-1177, TM 10-1359, TM 10-1361,
TM 10-1175, TM 10-1331.
Indian—TM 10-1279.

Parts Lists:
SNL G-524 (Ind.)
SNL G-523 (H.-D.)

Manufacturers: Harley-Davidson Motor Co., Model WLA;
Indian Motocycle Co., Model 640-B

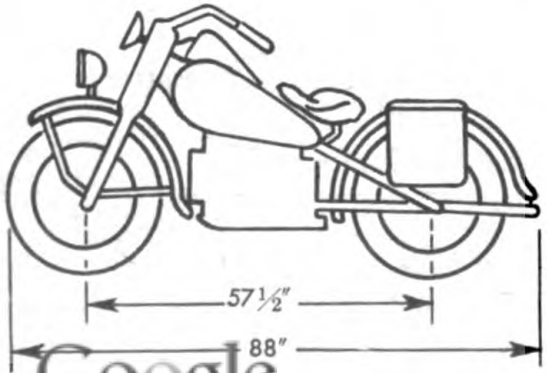


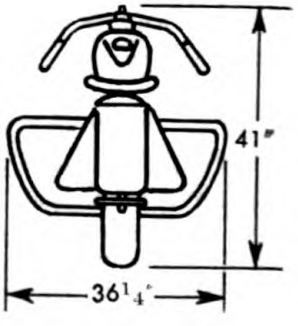
RA PD 66343

Vehicle shown above: Harley-Davidson, Model WLA

Classification: Standard

Purpose: To provide transportation for personnel engaged in reconnaissance, messenger service and police operations.





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SECTION XIV—MOTORCYCLES

MOTORCYCLE, SOLO

GENERAL DATA

			Indian 640B	H.-D. WLA
Weight	Net	(lb)	537	535
	Payload	(lb)	200	200
	Gross	(lb)	737	735
Shipping dimensions		(sq ft)	20	16
		(cu ft)	78	54
Tires	Size		4.00 x 18	4.00 x 18
	Ply		4	4
Ground clearance		(in.)	5	4
Electrical system		(volts)	6	6
Capacities	Fuel, 70 octane gasoline	(gal)	3½	3⅓
	Crankcase (refill)	(qt)	3	4½
	Transmission	(pt)	1	¾
	Cooling system	Air cooled		

PERFORMANCE

Maximum gradability	(percent)	60	60
Turning radius — Left	(ft)	7¼	7½
Right	(ft)	7¼	7¼
Fording depth	(in.)	11	18
Fuel consumption, average conditions	(miles per gal)	42	37
Cruising range, average conditions	(miles)	147	120
Maximum speed—not less than	(mph)	60	60
Number of speeds forward		3	3

ENGINE

Manufacturer	Indian	Model 640B	
	Harley-Davidson	Model WLA	
Type	42° "VEE", 4 cycle	No. of cylinders	2	2
Displacement		(cu in.)	45.44	45.12
Bore		(in.)	2⅞	2¾
Stroke		(in.)	3½	3 13/16
Ignition type			Battery	

ADDITIONAL DATA

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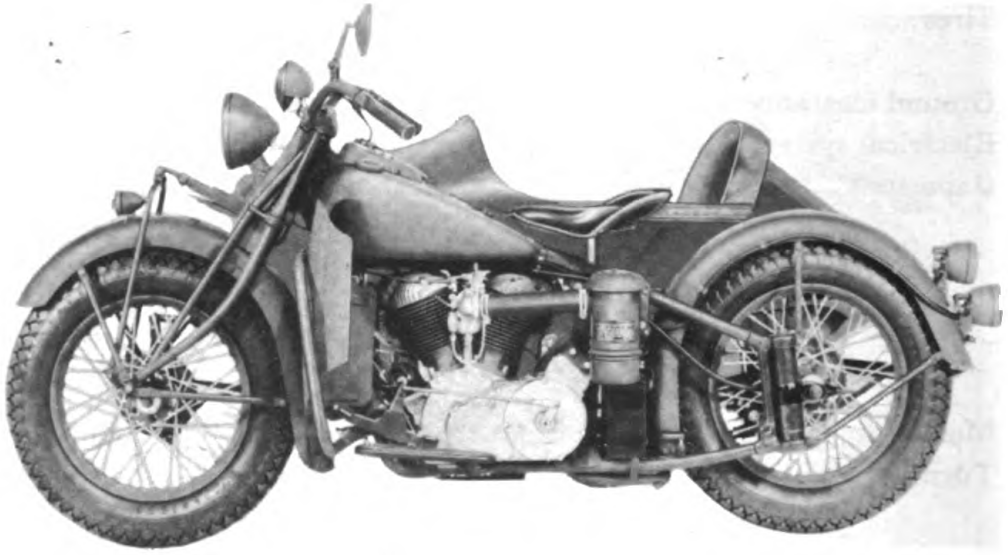
STANDARD MILITARY MOTOR VEHICLES

MOTORCYCLE, W/SIDE CAR

Technical Manuals: Harley-Davidson—
TM 10-1175, TM 10-1177, TM 10-1331,
TM 10-1359, TM 10-1361.
Indian—TM 10-1283.

Parts Lists:
SNL G-524 (Ind.)
SNL G-523 (H.-D.)

Manufacturers: Harley-Davidson Motor Co. Model ELA
Indian Motocycle Co. Model 340

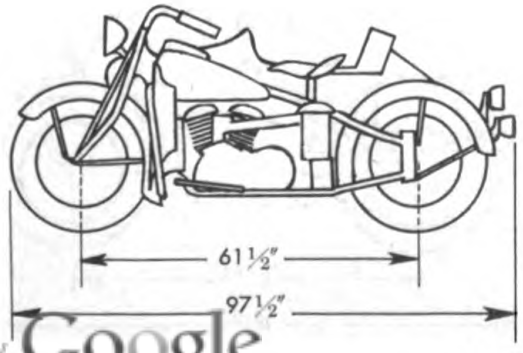


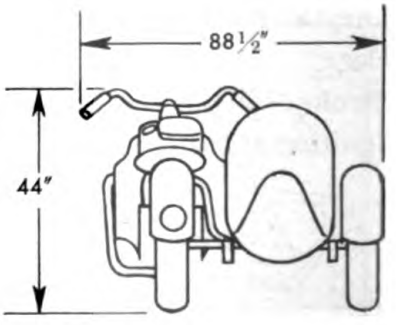
RA PD 66353

Vehicle illustrated above: Indian, Model 340.

Classification: Standard

Purpose: To provide transportation for personnel engaged in reconnaissance, messenger service and police operations.





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SECTION XIV—MOTORCYLES

MOTORCYCLE, W/SIDE CAR

GENERAL DATA

			Indian 340	H. D. ELA
Weight	Net	(lb)	845	850
	Payload	(lb)	400	400
	Gross	(lb)	1,245	1,250
Shipping dimensions		(sq ft)	60	45
		(cu ft)	219	157
Tires	Size		4.50 x 18	4.50 x 18
	Ply		4	4
Ground clearance		(in.)	5 1/4	4 1/8
Electrical system		(volts)	6	6
Capacities	Fuel, 70 octane gasoline	(gal)	3 1/2	4
	Crankcase (refill)	(qt)	3	4
	Transmission	(pt)	1	1 1/2
	Cooling system		Air cooled	

PERFORMANCE

Maximum gradability		(percent)	40	40
Turning radius	Left	(ft)	9	7 1/2
	Right	(ft)	9	7 1/2
Fording depth		(in.)	15	15
Cruising range, average conditions		(miles)	105	112
Maximum speed—not less than		(mph)	55	55
Number of speeds forward			3	3
Fuel consumption, average conditions		(miles per gal)	30	28

ENGINE

			Indian 340	H. D. ELA
Manufacturer	Indian	Model	340	
	Harley-Davidson	Model		ELA
Type	42° "VEE", 4 cycle	No. of cylinders	2	2
Displacement		(cu in.)	73.625	60.32
Bore		(in.)	3 1/4	3 5/16
Stroke		(in.)	4 7/16	3 1/2
Ignition type			Battery	

ADDITIONAL DATA

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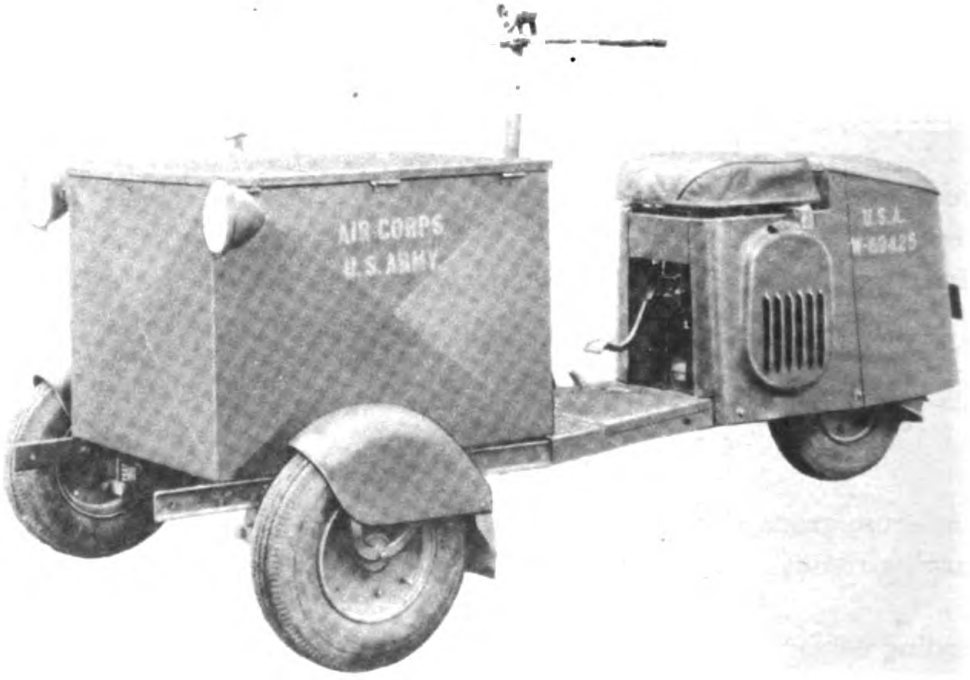
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STANDARD MILITARY MOTOR VEHICLES

SCOOTER, MOTOR, W/PACKAGE CARRIER

Technical Manuals: TM 10-1399, T.O. 19-1-70. Parts List: SNL G-551

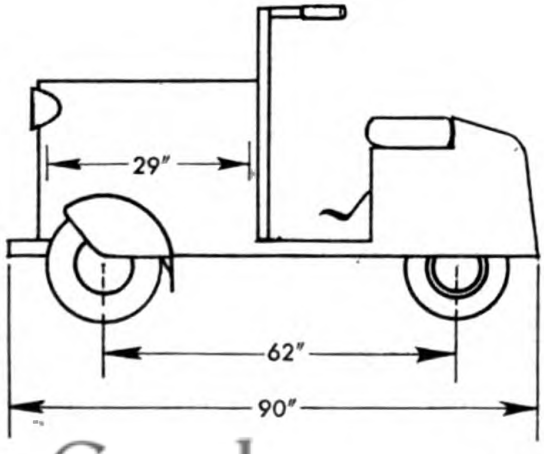
Manufacturer: Cushman Motor Co. (Model 39)

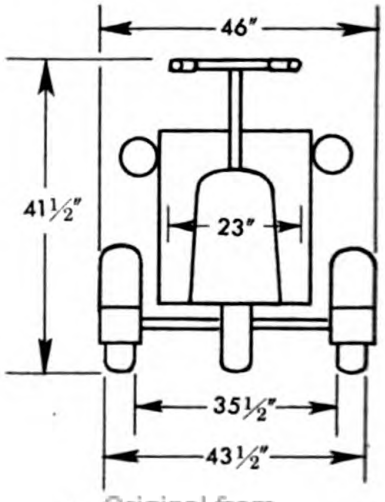


RA PD 66690

Classification: Standard

Purpose: To provide transportation for stock chasing, light delivery and messenger service.





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SECTION XIV—MOTORCYCLES

SCOOTER, MOTOR, W/PACKAGE CARRIER

GENERAL DATA

Crew			1
Weight	Net (not more than)	(lb)	420
	Payload (with driver)	(lb)	425
	Gross (not more than)	(lb)	845
Shipping dimensions	(cu ft) 102	(sq ft) 30	
Tires	Ply . . . 4	Size . . . 4.00 x 8	
Ground clearance		(in.)	4½
Electrical system		(volts)	6
Capacities	Fuel, 70 octane gasoline	(gal)	1⅛
	Cooling system	Air cooled	
	Crankcase (refill)	(qt)	1½
	Transmission	(pt)	1½
Brakes		Mechanical	

PERFORMANCE

Maximum gradability (with load)	(percent)	15
Turning radius	(ft)	17
Fuel consumption, average conditions, without load	(miles per gal)	60
Cruising range, average conditions	(miles)	60
Maximum speed	(mph)	25

ENGINE

Manufacturer	Cushman	Model 10M70	
Type	4 cycle	Number of cylinders	1
Displacement		(cu in.)	14.89
Bore		(in.)	2⅝
Stroke		(in.)	2¾
Brake horsepower			4

ADDITIONAL DATA

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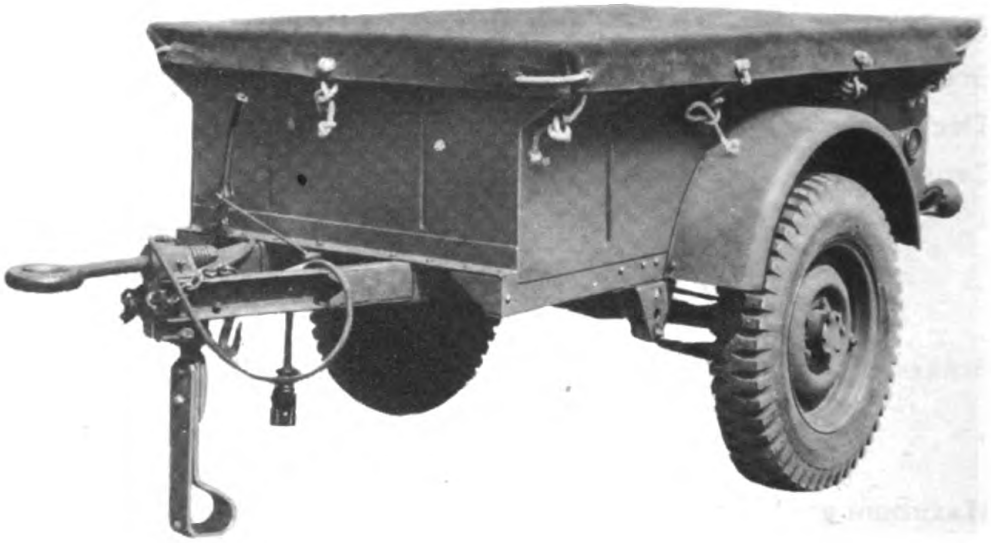
STANDARD MILITARY MOTOR VEHICLES

TRAILER, CARGO, AMPHIBIAN, ¼-TON

Technical Manuals: American Bantam, TM 10-1281. Willys-Overland, TM 10-1230.

Parts List: SNL G-605

Manufacturers: American Bantam Car Co.; Willys-Overland Motors, Inc.

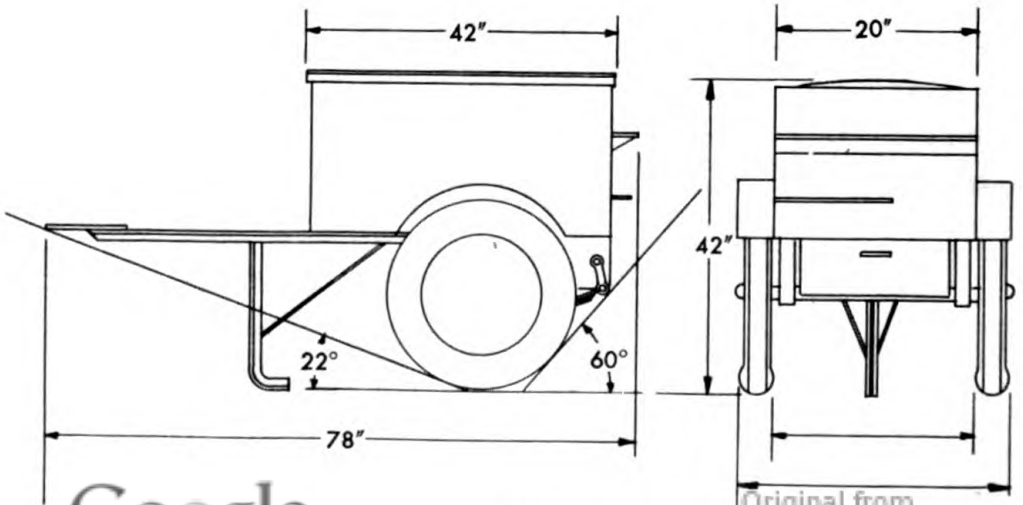


Vehicle illustrated above: Willys-Overland

RA PD 66501

Classification: Standard

Purpose: To transport general cargo on land or through water.



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SECTION XV—TRAILERS

TRAILER, CARGO, AMPHIBIAN, ¼-TON

GENERAL DATA

Body type			Cargo
Weight	Net	(lb)	550
	Payload	(lb)	500
	Gross	(lb)	1050
Loading height		(in.)	22
Ground clearance		(in.)	12½
Tread		(in.)	49
Tires	Operating		2
	Ply		6
	Size		6.00 x 16
Brakes			Hand parking only
Towing tractor			Truck, ¼-ton and ¾-ton, 4 x 4
Shipping dimensions	(cu ft) 141		(sq ft) 42

ADDITIONAL DATA

Trailer will float with 500 pound load, with 6 inches freeboard.

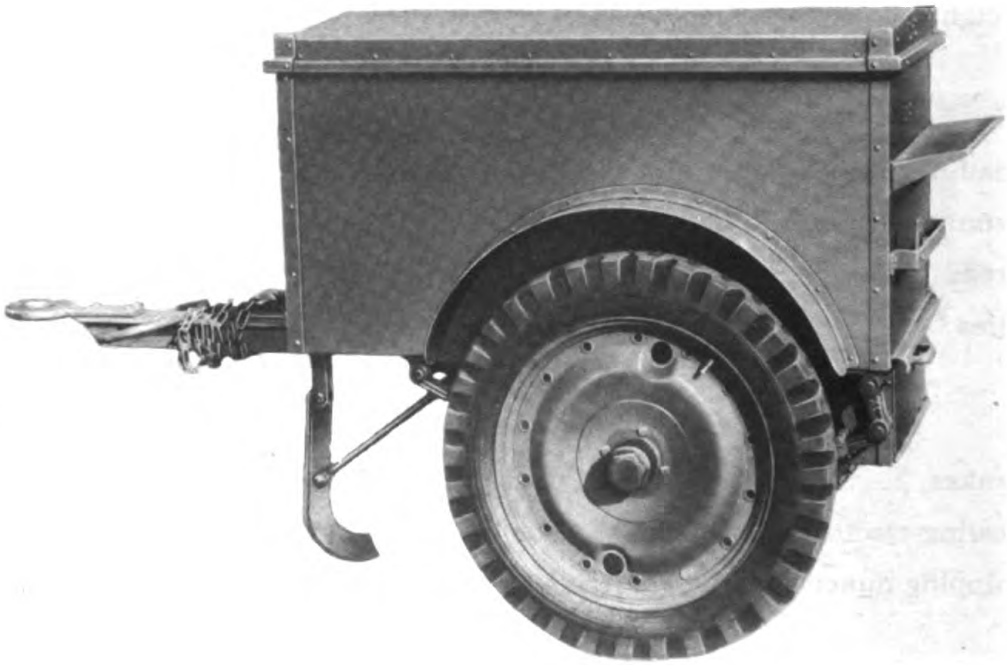
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, TELEPHONE CABLE SPLICER, ¼-TON, K38

Technical Manuals: Parts List:

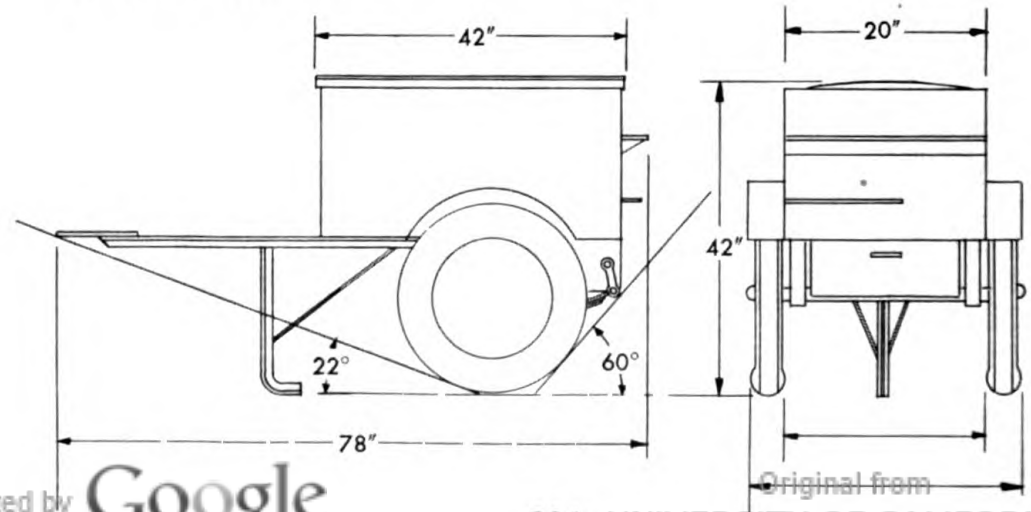
Manufacturer: York Hoover Body Corp.



RA PD 308941

Classification: Standard

Purpose: Used by Signal Corps to store and transport cable splicers tool equipment (TE-56).



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SECTION XV—TRAILERS

TRAILER, TELEPHONE CABLE SPLICER, ¼-TON, K38

GENERAL DATA

Body type			
Weight	Net	(lb)	410
	Payload	(lb)	500
	Gross	(lb)	910
Loading height		(in.)	
Ground clearance		(in.)	13
Tread		(in.)	33
Tires	Operating		2
	Ply		4
	Size		4.00 x 18
Brakes			
Towing tractor			
Shipping dimensions	(cu ft) 68	(sq ft) 21	

ADDITIONAL DATA

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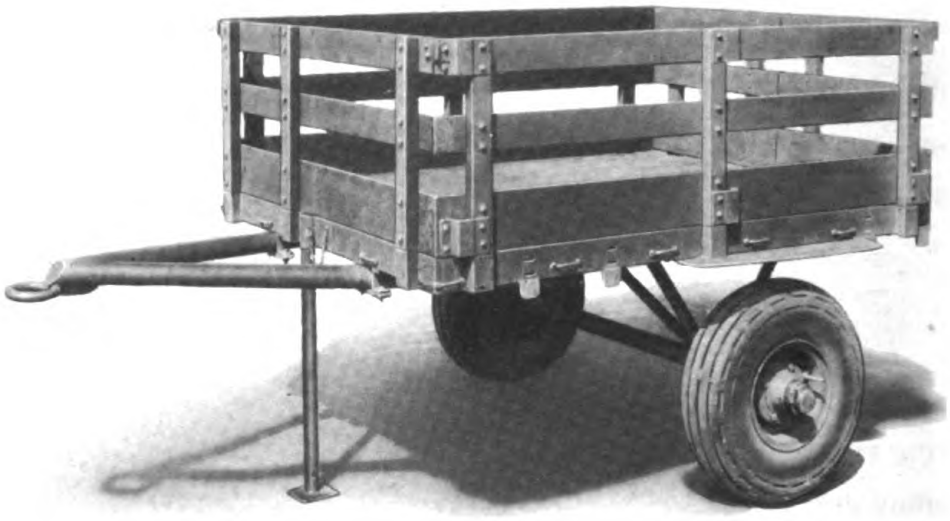
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, AIRDROME UTILITY, ½-TON, TYPE F-1

Technical Manuals: Parts List:

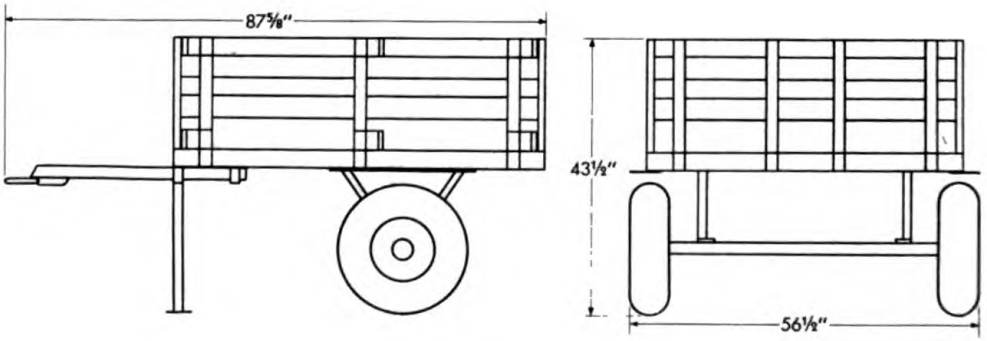
Manufacturer: Ohio Tubular Products Co.



RA PD 309057

Classification: Standard

Purpose: Used by Army Air Forces for general utility purposes.



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SECTION XV—TRAILERS

TRAILER, AIRDROME UTILITY, 2½-TON, TYPE F-2

GENERAL DATA

Body type			Cargo
Weight	Net	(lb)	1,000
	Payload	(lb)	5,000
	Gross	(lb)	6,000
Loading height		(in.)	26
Ground clearance			
Tread			
Tires	Operating		4
	Ply		8
	Size		6.00 x 9
Brakes			None
Towing tractor	Airdrome tractors and truck, 6-ton, 4 x 4		
Shipping dimensions	(cu ft) 80	(sq ft)	
Weight, packed for export		(lb)	1,500

ADDITIONAL DATA

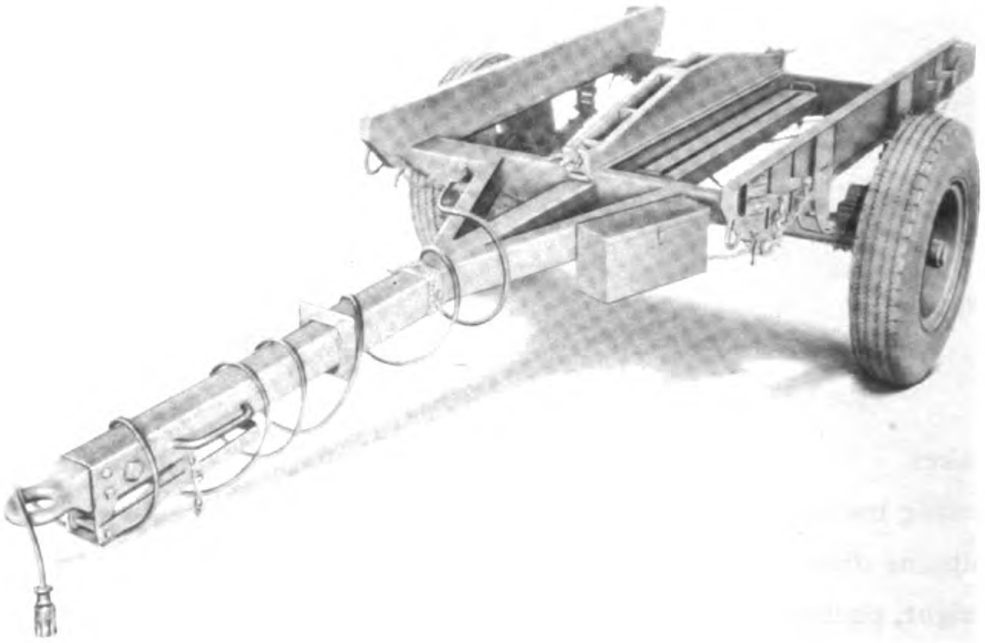
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, UTILITY, POLE TYPE, 2½-TON

Technical Manual: TM 5-9074. Parts List:

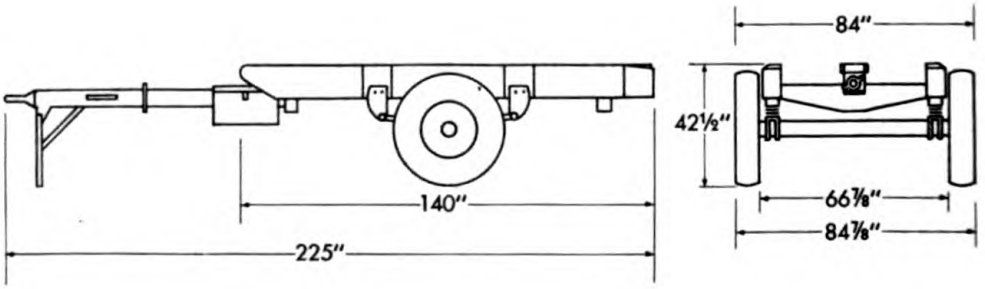
Manufacturer: Deere & Company (Dain Mfg. Div.)



RA PD 309014

Classification: Standard

Purpose: Used by Corps of Engineers to transport special equipment as shown in additional data.



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SECTION XV—TRAILERS

TRAILER, UTILITY, POLE TYPE, 2½-TON

GENERAL DATA

Body type	*Basic trailer; includes load binding beams and chains		
Weight	Net	(lb)	2,460
	Payload	(lb)	5,000
	Gross	(lb)	7,460
Loading height		(in.)	42½
Ground clearance		(in.)	
Tread		(in.)	
Tires	Operating		2
	Ply		10
	Size		9.00 x 20
Brakes			None
Towing tractor	Truck, 2½-ton, 6 x 6 or 4-ton, 6 x 6		
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

*The same basic vehicle, outfitted with different equipment, is used as the following vehicles: Type 1—Infantry support raft equipment or pneumatic bridge equipment trailer; Type 2—trestle bat load, 10-ton ponton bridge trailer (basic trailer plus extra load brackets); Type 3—triangulation tower trailer (basic trailer plus extra body); Type 4—utility power boat trailer (basic trailer plus extra bolsters); Type 5—storm boat trailer (basic trailer plus extra bolsters).

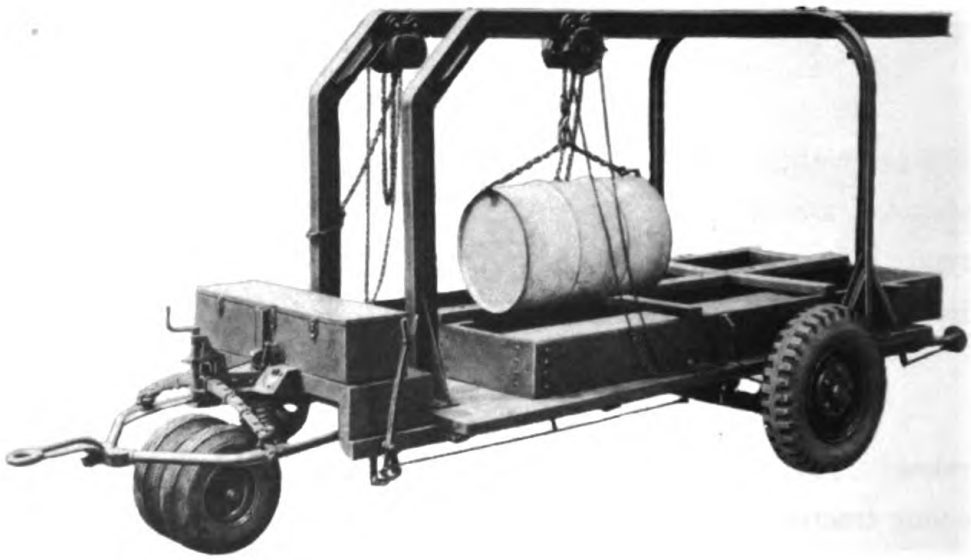
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, CHEMICAL SERVICE, 4-TON, M1
TRAILER, CHEMICAL HANDLING, 4-TON, M2

Technical Manuals: Parts List:

Manufacturer: Saginaw Stamping & Tool Co.

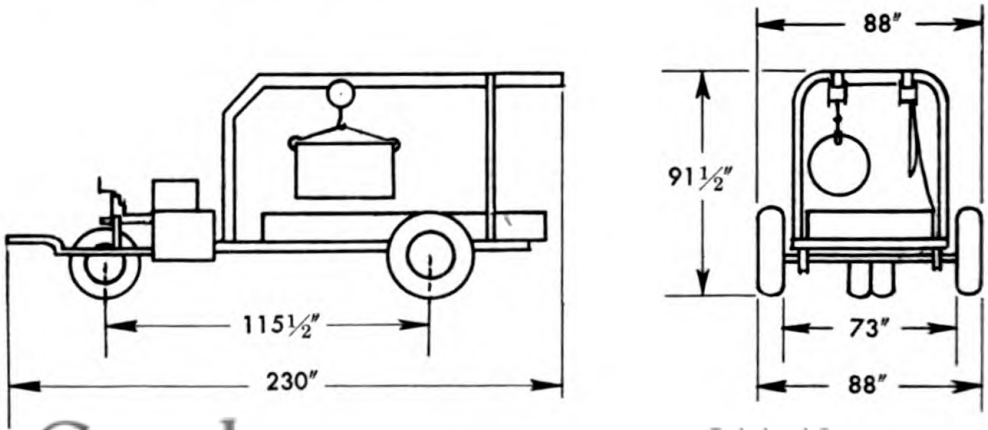


RA PD 66519

Vehicle illustrated above: Chemical service trailer M1.

Classification: Standard

Purpose: Used by Chemical Warfare Service to transport chemical containers and handling equipment.



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SECTION XV—TRAILERS

TRAILER, CHEMICAL SERVICE, 4-TON, M1
TRAILER, CHEMICAL HANDLING, 4-TON, M2

GENERAL DATA

Body type			
Weight	Net	(lb)	2,755
	Payload	(lb)	5,000
	Gross	(lb)	7,755
Loading height			
Ground clearance			
Tread	Front	Rear	
Tires	Operating		4
	Ply, Front 6	Rear 8	
	Size	Front 6.50 x 10	
		Rear 7.50 x 18	
Brakes			Electric
Towing tractor			
Shipping dimensions	(cu ft) 1,064	(sq ft)	133

ADDITIONAL DATA

The basic trailer (bomb trailer M5), is used without superstructure as chemical handling trailer M2.

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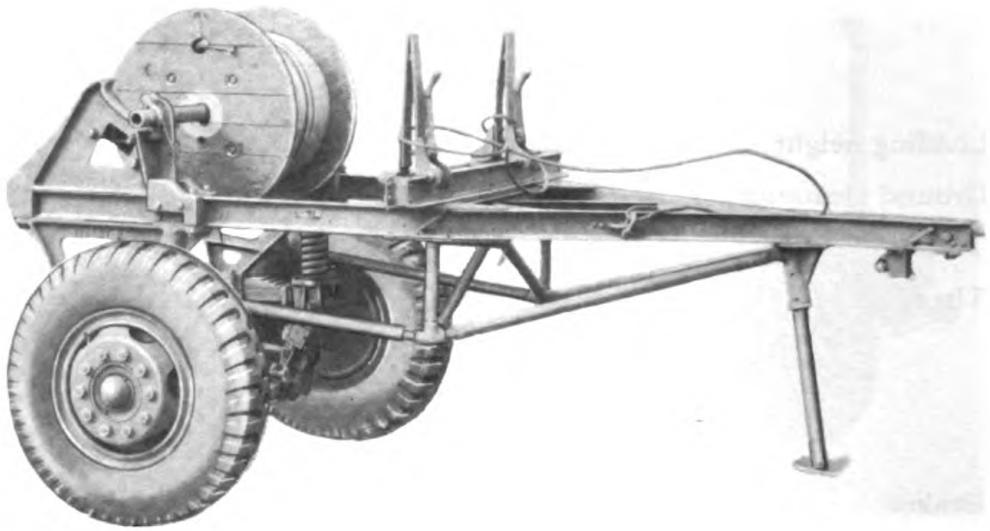
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, TELEPHONE CONSTRUCTION AND COMBINATION CABLE HAULER, 5-TON, K-37

Technical Manuals: Parts List:

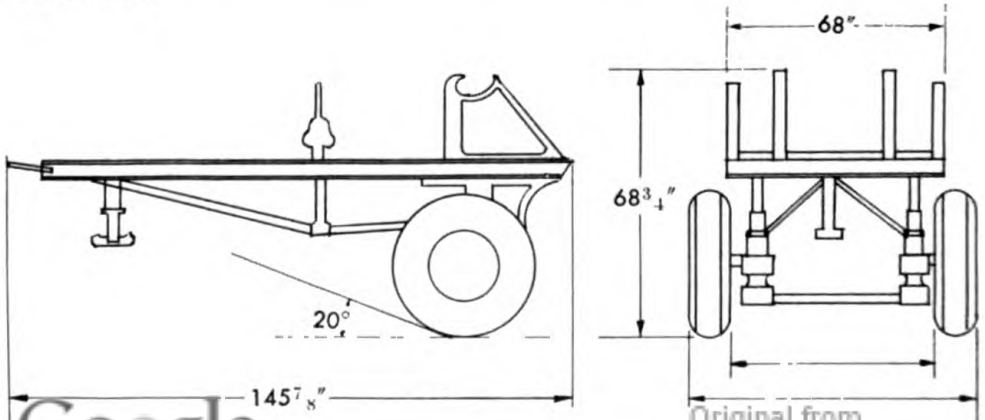
Manufacturer: Highway Trailer Co.



RA PD 66523

Classification: Standard

Purpose: To transport cable reel and to haul poles for Signal Corps operations.



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SECTION XV—TRAILERS

TRAILER, TELEPHONE CONSTRUCTION AND COMBINATION CABLE HAULER, 5-TON, K-37

GENERAL DATA

Body type			
Weight	Net	(lb)	2,900
	Payload	(lb)	10,000
	Gross	(lb)	12,900
Loading height		(in.)	
Ground clearance		(in.)	9
Tread		(in.)	74
Tires	Operating		2
	Ply		10
	Size		9.00 x 20
Brakes			Electric
Towing tractor			
Shipping dimensions	(cu ft) 472		(sq ft) 82

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

TRAILER, ANTENNA MOUNT, 10-TON GROSS, K-75

Technical Manuals: Parts List:

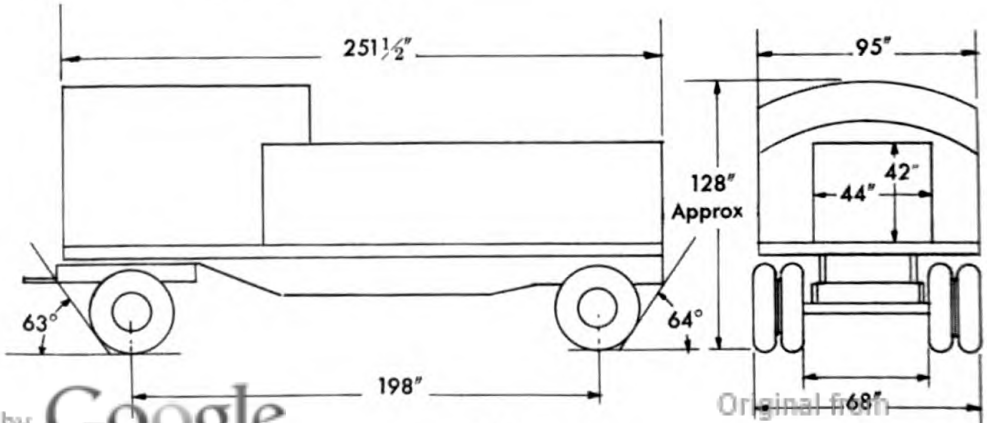
Manufacturers: Kingham Trailer Co., Body by: The Heil Co.



RA PD 308974

Classification: Standard

Purpose: Used by Signal Corps.



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SECTION XV—TRAILERS

TRAILER, ANTENNA MOUNT, 10-TON GROSS, K-75

GENERAL DATA

Body type		Special steel compartments	
Weight	Net	(lb)	
	Payload	(lb)	
	Gross	(lb)	26,000
Loading height		(in.)	
Ground clearance		(in.)	17½
Tread		(in.)	60
Tires	Operating		8
	Spare		1
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			
Shipping dimensions	(cu ft) 1,904	(sq ft)	
Weight, packed for export	(Loaded)	(lb)	28,600

ADDITIONAL DATA

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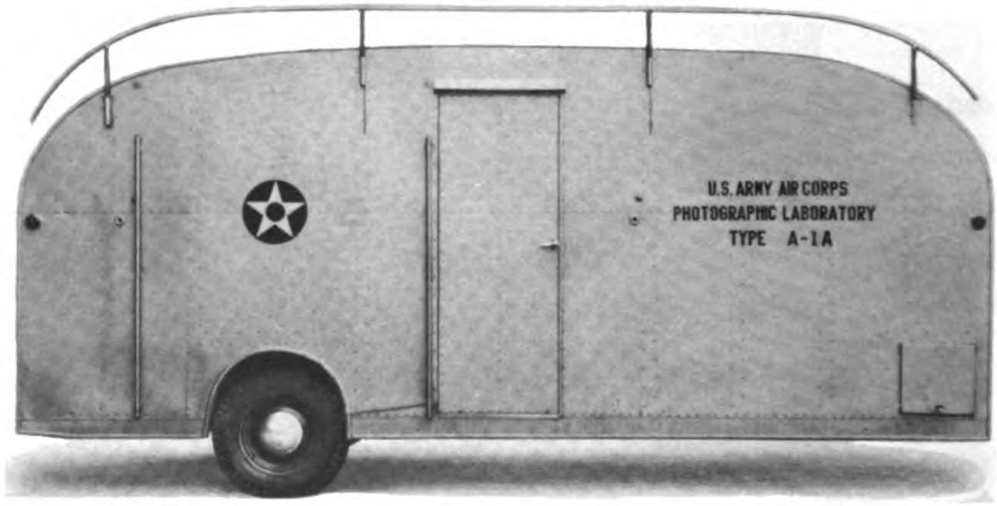
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, LABORATORY, PHOTOGRAPHIC, TYPE A-1A

Technical Manuals: Parts List:

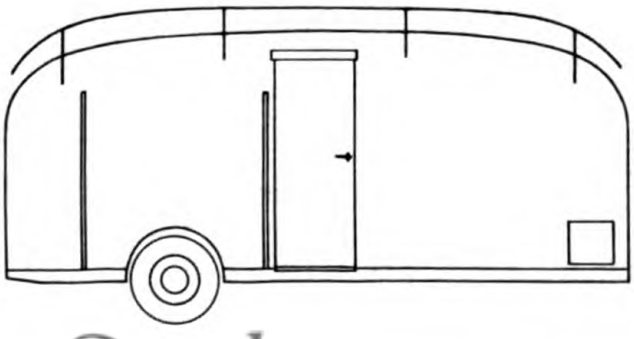
Manufacturer:

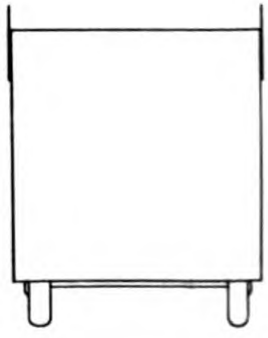


RA PD 309071

Classification: Limited standard

Purpose: Used by Army Air Forces for processing negatives and prints in the field.





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SECTION XV—TRAILERS

TRAILER, LABORATORY, PHOTOGRAPHIC, TYPE A-1A

GENERAL DATA

Body type			Van
Weight	Net	(lb)	6,300
	Payload	(lb)	1,500
	Gross	(lb)	7,800
Loading height		(in.)	21
Ground clearance		(in.)	
Tread		(in.)	
Tires	Operating		2
	Ply		10
	Size		8.25 x 18
Brakes			(6-volt dry cell) Electric
Towing tractor			Truck, 2½-ton, 6 x 6
Shipping dimensions	(cu ft)		(sq ft)
Weight, packed for export		(lb)	6,300

ADDITIONAL DATA

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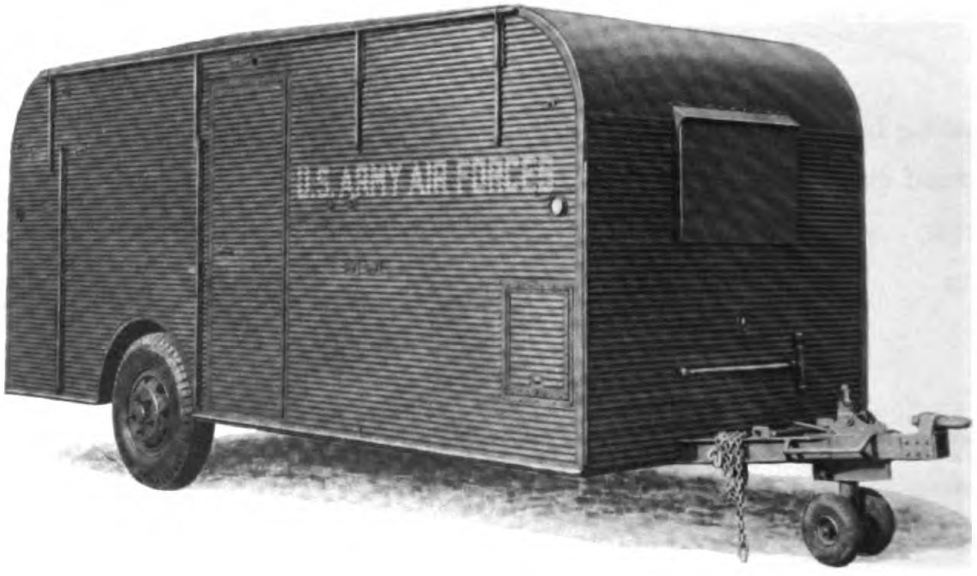
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, LABORATORY, PHOTOGRAPHIC, TYPE A-2

Technical Manuals: Parts List:

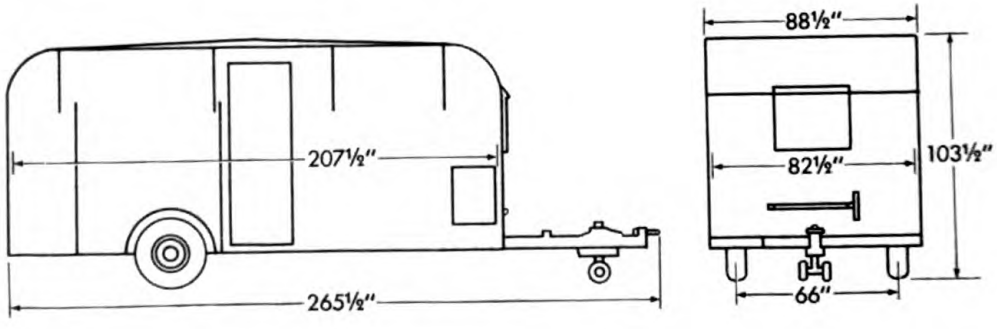
Manufacturer: Oneida Ltd.



RA PD 309069

Classification: Limited standard

Purpose: Used by Army Air Forces for the processing of negatives and prints in the field.



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SECTION XV—TRAILERS

TRAILER, LABORATORY, PHOTOGRAPHIC, TYPE A-2

GENERAL DATA

Body type			Van
Weight	Net	(lb)	5,205
	Payload	(lb)	1,450
	Gross	(lb)	6,475
Loading height		(in.)	21
Ground clearance		(in.)	14
Tread		(in.)	
Tires	Operating		2
	Ply		10
	Size		8.25 x 18
Brakes			Electric
Towing tractor			Truck, 2½-ton, 6 x 6
Shipping dimensions	(cu ft) 1,419		(sq ft) 164
Weight, packed for export		(lb)	6,475

ADDITIONAL DATA

Van trailer, aluminum body with steel platform, draw bar and lunette ring. Rear wheels are independently suspended type. Front wheels are of the stabilizing type, mounted on a retractable, telescoping jack.

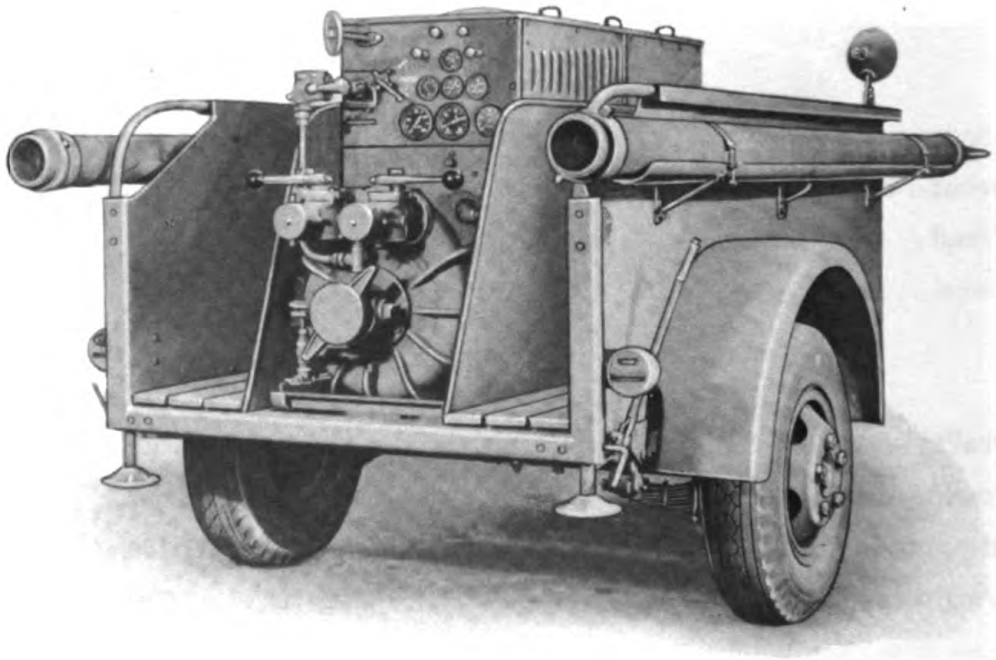
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, FIRE PUMPER, 500 G.P.M., CLASS 1000

Technical Manuals: Parts List:

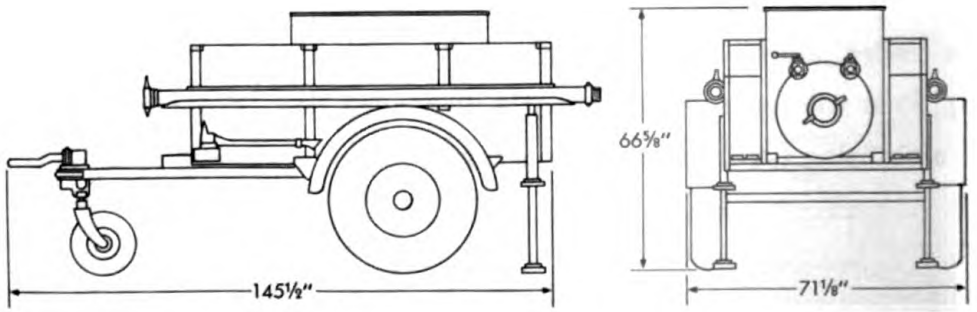
Manufacturer: Hale



RA PD 309008

Classification: Standard

Purpose: Used by Corps of Engineers to transport fire-fighting and pumping equipment.



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SECTION XV—TRAILERS

TRAILER, FIRE PUMPER, 500 G.P.M., CLASS 1000

GENERAL DATA

Body type		
Weight	Net (lb)	2,000
	Payload (lb)	2,000
	Gross (lb)	4,000
Loading height (in.)		
Ground clearance (in.)		9
Tread (in.)		58
Tires	Operating	2
	Ply	8
	Size	6.50 x 16
Brakes		Mechanical
Towing tractor		
Shipping dimensions	(cu ft) 240	(sq ft) 50

ADDITIONAL DATA

Pump driven by a 6-cylinder, 4-cycle engine, 236.6 cubic inch displacement, brake horsepower—104.

Fuel tank capacity of 18 gallons.

Crew—5.

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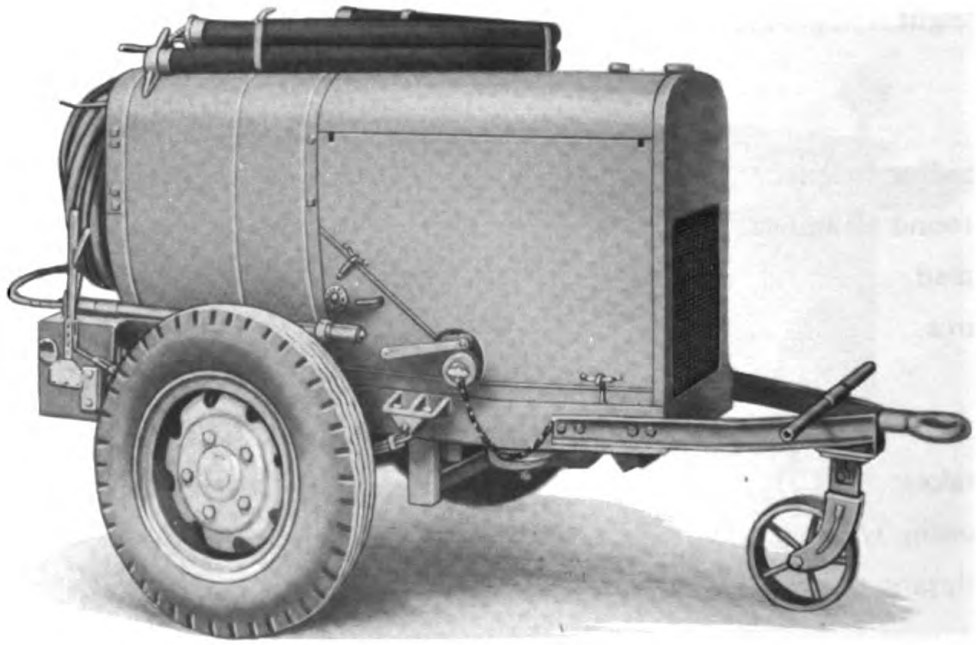
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, FIRE CRASH, HIGH PRESSURE, CLASS 1010

Technical Manuals: Parts List:

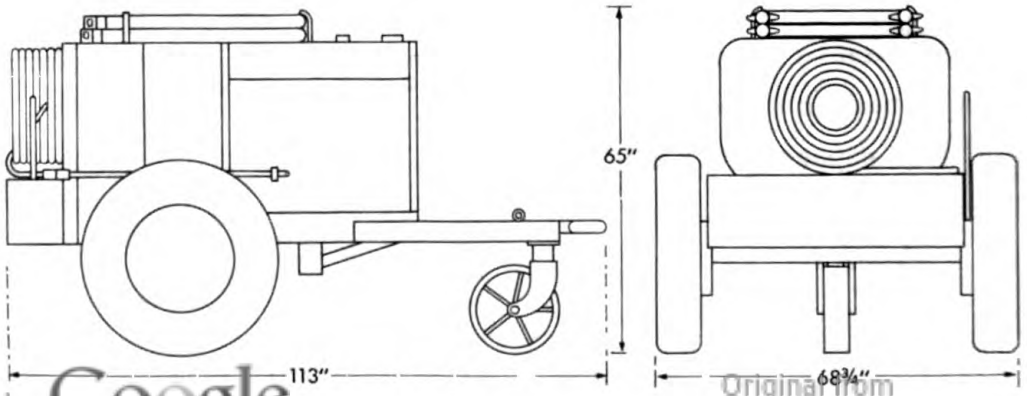
Manufacturer: John Bean



RA PD 309006

Classification: Standard

Purpose: Used by Corps of Engineers to transport fire-fighting and crash equipment at air fields.



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SECTION XV—TRAILERS

TRAILER, FIRE CRASH, HIGH PRESSURE, CLASS 1010

GENERAL DATA

Body type			
Weight	Net	(lb)	2,835
	Payload	(lb)	1,535
	Gross	(lb)	4,370
Ground clearance		(in.)	8½
Tread		(in.)	62
Tires	Operating		2
	Ply		8
	Size		7.50 x 20
Brakes			Mechanical
Towing tractor			
Shipping dimensions	(cu ft) 292		(sq ft) 54

ADDITIONAL DATA

Crew			6
Engine	4 cylinder		4 cycle
Displacement		(cu in.)	124
Brake horsepower			31

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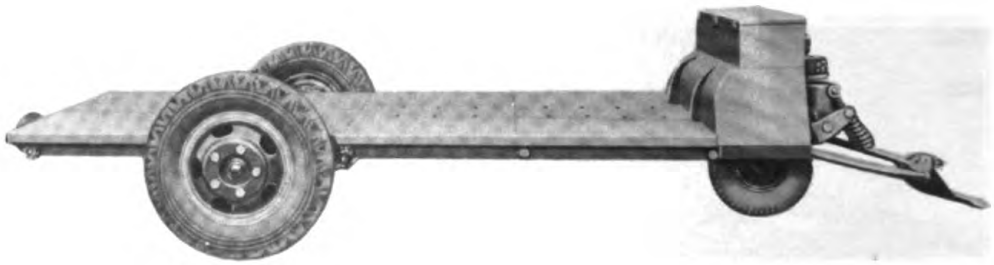
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, BOMB, M5

Technical Manual: TM 9-760. Parts List: SNL G-74

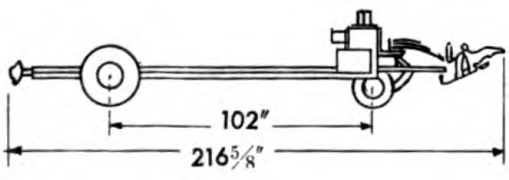
Manufacturers: American Seating Co., Saginaw Stamping and Tool Co., Oneida Ltd., Trailer Company of America.

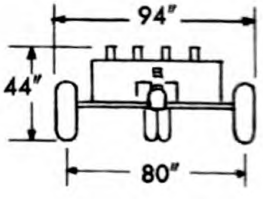


RA PD 309124

Classification: Standard

Purpose: Used by Army Air Forces to transport bombs with low loading and ease of handling.





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SECTION XV—TRAILER

TRAILER, BOMB, M5

GENERAL DATA

Body type			Platform
Weight	Net	(lb)	2,200
	Payload	(lb)	5,000
	Gross	(lb)	7,200
Loading height, loaded		(in.)	21½
Ground clearance		(in.)	9½
Tread		(in.)	
Tires	Operating		4
	Ply (front) 6	(rear)	8
	Size (front)		6.50 x 10
	(rear)		7.50 x 18
Brakes			Electric
Towing tractor			Bomb service truck M6
Shipping dimensions	(cu ft)	(sq ft)	

ADDITIONAL DATA

Front of hitch yoke has reversible lunette to attach to rear pintle of another trailer, or to a prime mover, so that it can be towed in trains at speeds up to 45 miles per hour on highways.

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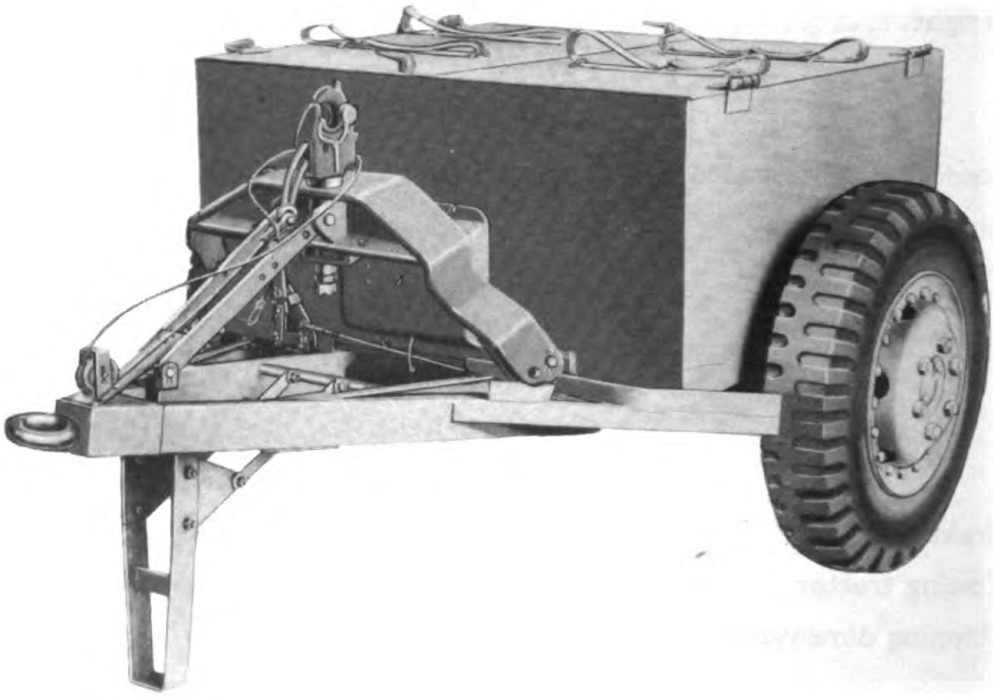
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, ARMORED, M-8

Technical Manual: TM 9-791. Parts List: SNL G-157

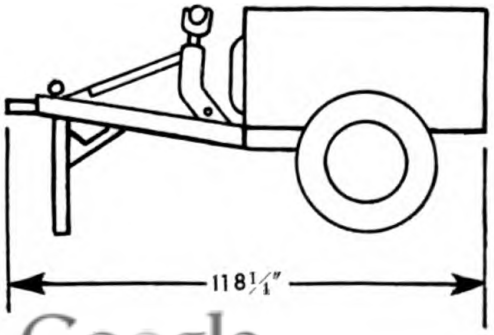
Manufacturer: John Deere Plow Works

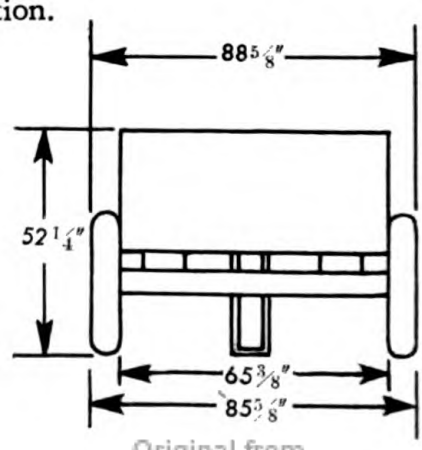


RA PD 66507

Classification: Standard

Purpose: To transport fuel and ammunition.





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SECTION XV—TRAILERS

TRAILER, ARMORED, M-8

GENERAL DATA

Body type			Armored cargo
Weight	Net	(lb)	2,640
	Payload	(lb)	2,200
	Gross (w/o pintle)	(lb)	4,840
	Gross (w/ pintle)	(lb)	5,058
Loading height		(in.)	
Ground clearance		(in.)	16½
Tread		(in.)	75
Tires	Operating		2
	Ply		10
	Size		9.00 x 20
Brakes			Hand parking only
Towing tractor			Tanks
Electrical system		(volts)	6
Shipping dimensions	(cu ft) 316	(sq ft) 73	

ADDITIONAL DATA

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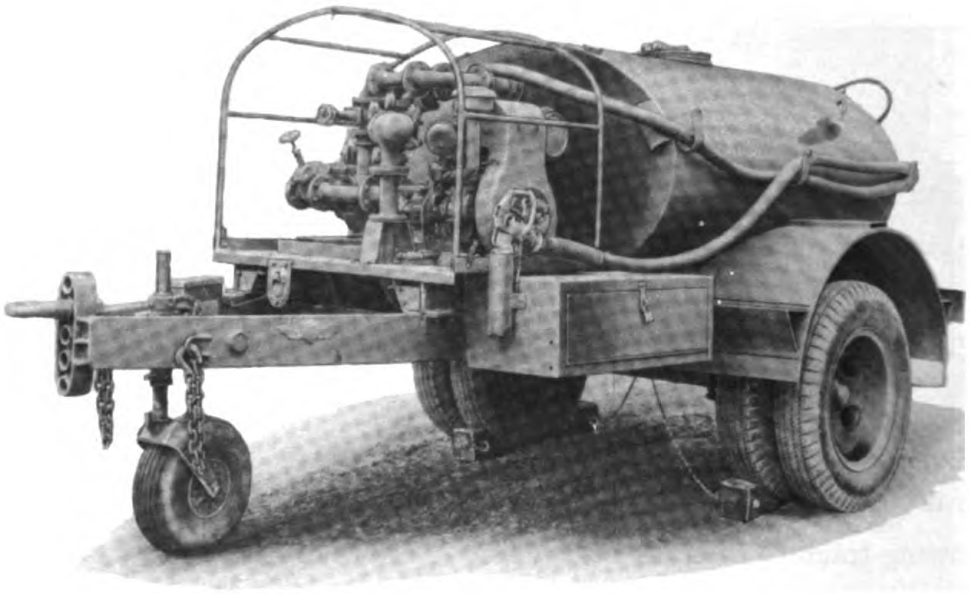
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, FUEL SERVICING, 600-GAL., TYPE A-1

Technical Order: TO 19-25-38. Parts List:

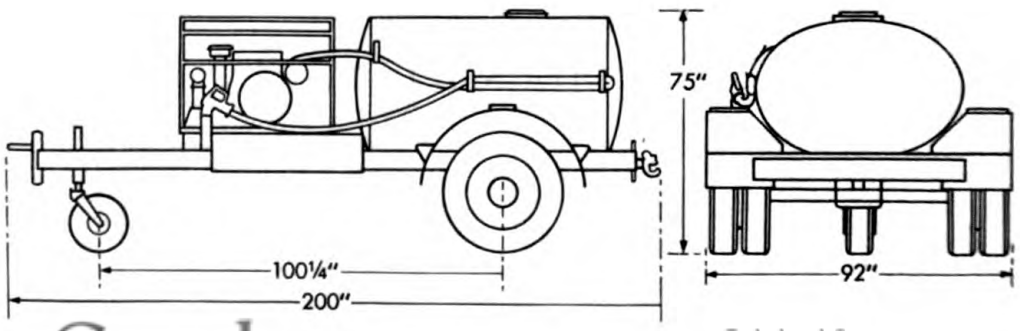
Manufacturer: Standard Steel Works



RA PD 309036

Classification: Standard

Purpose: Used by Army Air Forces to transport aircraft engine fuel and to service aircraft.



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SECTION XV—TRAILERS

TRAILER, FUEL SERVICING, 600-GAL., TYPE A-1

GENERAL DATA

Body type			Tank
Weight	Net	(lb)	3,700
	Payload	(lb)	3,600
	Gross	(lb)	7,300
Loading height		(in.)	75
Ground clearance			
Tires	Operating		4
	Ply		10
	Size		7.50 x 20
Brakes			Electric
Shipping dimensions	(cu ft) 622		(sq ft)

ADDITIONAL DATA

Towed by type L-2 oil servicing truck or type F-3 fuel servicing truck. Under favorable conditions as many as four of these trailers can be towed in train formation by one prime mover. Any standard Army truck of 1½-ton or greater capacity can be used. May also be towed by M-2 medium tractor (track-laying). Equipped with power pump.

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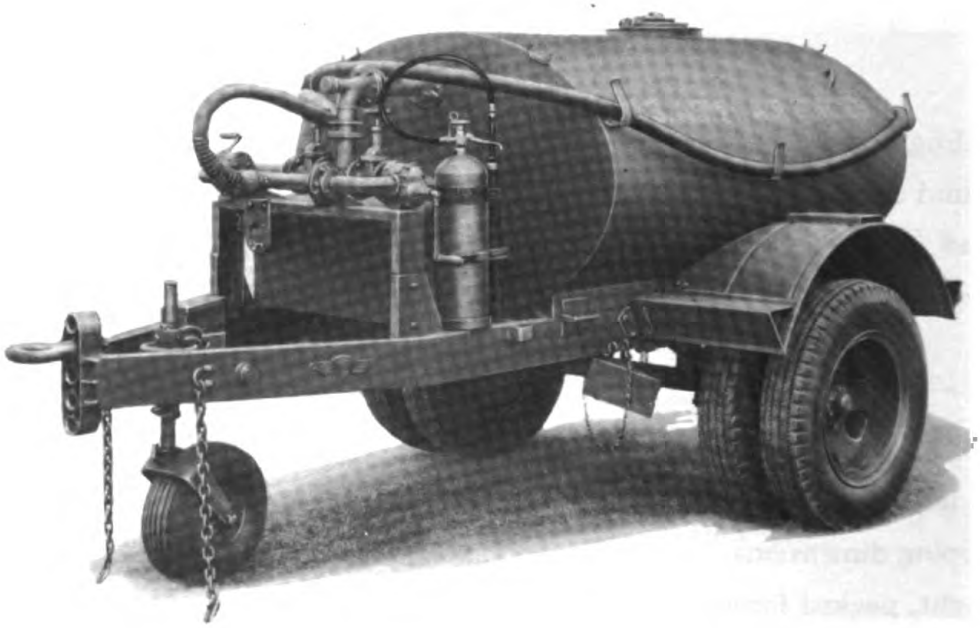
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STANDARD MILITARY MOTOR VEHICLES

TRAILER, FUEL SERVICING, 600-GAL., TYPE A-3

Technical Orders: Parts List:

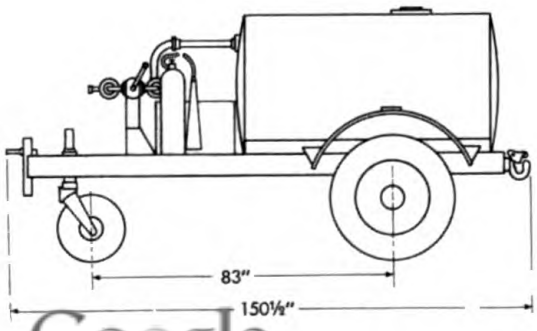
Manufacturer: Standard Steel Works

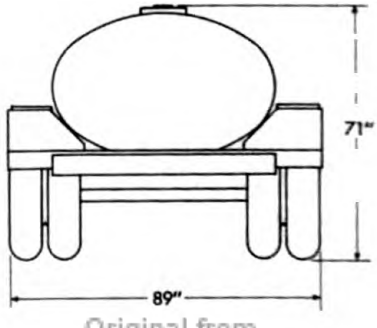


RA PD 309038

Classification: Standard

Purpose: Used by Army Air Forces to transport and pump fuel for aircraft refueling.





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SECTION XV—TRAILERS

TRAILER, FUEL SERVICING, 600-GAL., TYPE A-3

GENERAL DATA

Body type			Tank
Weight	Net	(lb)	3,000
	Payload	(lb)	4,000
	Gross	(lb)	7,000
Loading height		(in.)	76
Ground clearance			
Tread		(in.)	
Tires	Operating		4
	Ply		
	Size		7.50 x 20
Brakes			Electric
Towing tractor			
Shipping dimensions	(cu ft) 622	(sq ft)	

ADDITIONAL DATA

Equipped with hand pump.

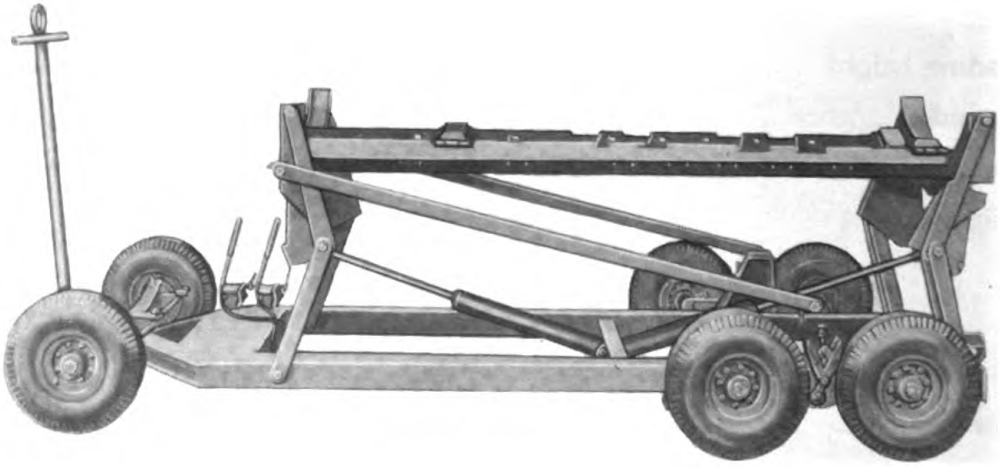
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STANDARD MILITARY MOTOR VEHICLES

LIFT TRUCK, M 22

Technical Manual: TM 9-762 Parts List: SNL G-161

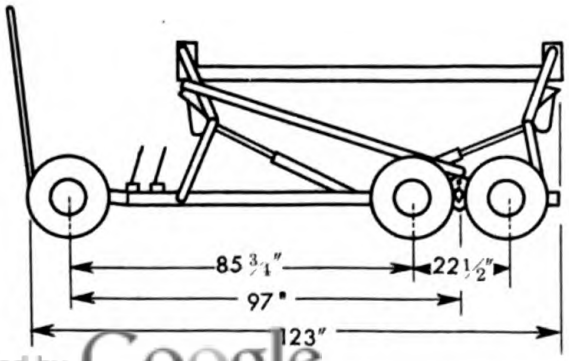
Manufacturer: Weaver Mfg. Co.

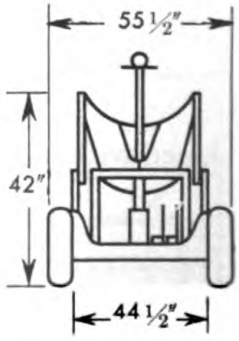


RA PD 66702

Classification: Standard

Purpose: To lift and transport aerial bombs and torpedoes weighing up to 4,000 pounds.





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SECTION XV—TRAILERS

LIFT TRUCK, M22

GENERAL DATA

Body type			
Weight	Net	(lb)	1,453
	Payload	(lb)	4,188
	Gross	(lb)	5,641
Loading height		(in.)	
Ground clearance		(in.)	4
Tread		(in.)	
Tires	Operating		
	Ply		6
	Size		18 x 5.50
Brakes			Parking only
Towing tractor			
Shipping dimensions	(cu ft) 71		(sq ft) 47

ADDITIONAL DATA

Capacity of hydraulic lift, 14 quarts. This trailer may be towed by a truck, or used as a hand-truck.

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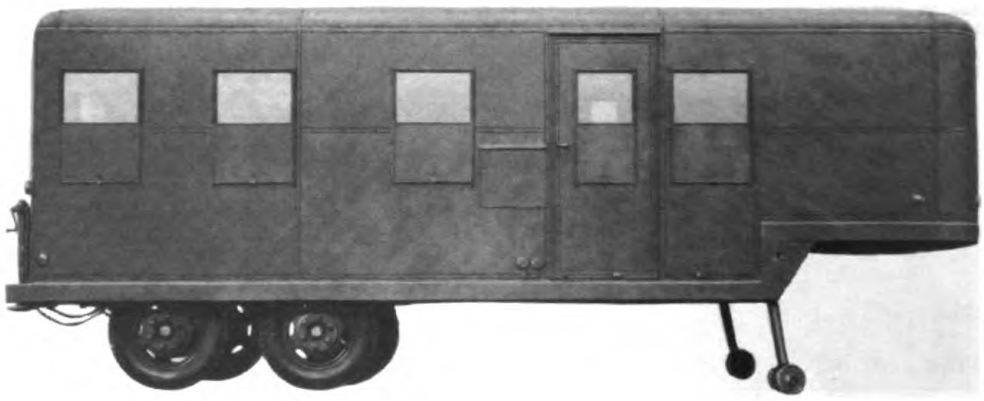
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, VAN, 1½-TON, K-55

Technical Manuals: Parts List:

Manufacturers: A. J. Miller (Auto Cruiser Trailer Co.), Oneonta Linn Corp.

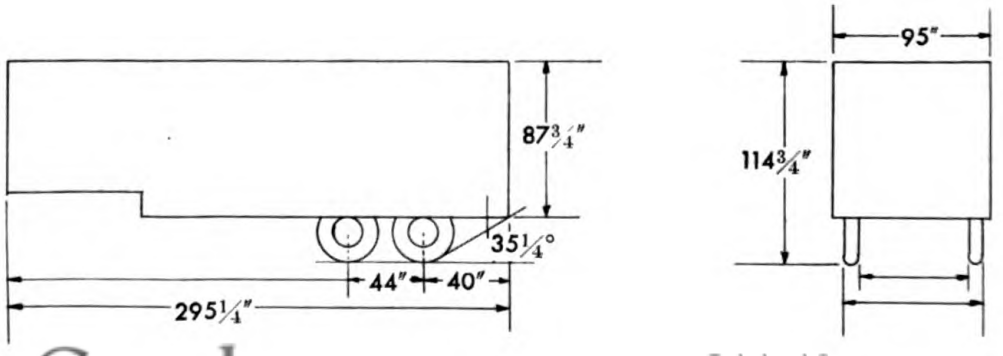


RA PD 66391

Vehicle illustrated above: Miller

Classification: Substitute standard

Purpose: Used by Signal Corps to transport Signal Corps equipment.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, VAN, 1½-TON, K-55

GENERAL DATA

Body type			Van
Weight	Net	(lb)	8,200
	Payload	(lb)	4,500
	Gross	(lb)	12,700
Loading height		(in.)	35
Ground clearance		(in.)	15½
Tread		(in.)	75
Tires	Operating		4
	Ply		8
	Size		7.50 x 20
Brakes			Electric
Towing tractor			
Shipping dimensions	(cu ft) 1,885	(sq ft) 202	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILERS, MAP REPRODUCTION EQUIPMENT, VAN, 2½-TON

Technical Manuals: Parts List:

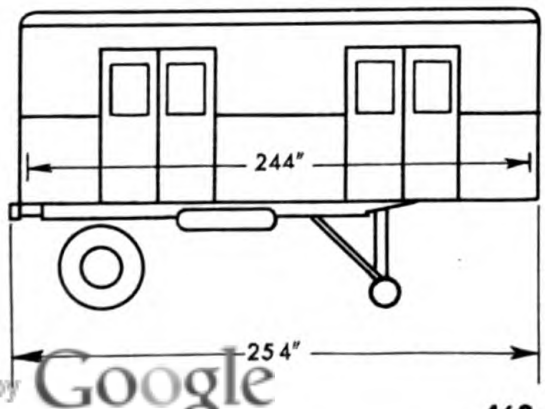
Manufacturers:

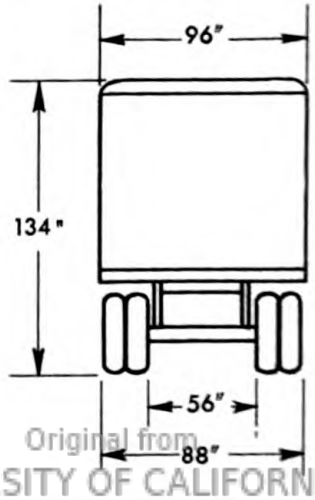


RA PD 66393

Classification: Limited standard

Purpose: Used by Corps of Engineers to transport map reproducing equipment.





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SECTION XVI—SEMITRAILERS

SEMITRAILERS, MAP REPRODUCTION EQUIPMENT, VAN, 2½-TON

GENERAL DATA

Body type			Van
Weight	Gross	(lb)	13,500 to 14,500
Ground clearance		(in.)	12
Fording depth		(in.)	30
Tread		(in.)	
Tires	Operating		
	Ply		
	Size		
Brakes			
Towing tractor			
Shipping dimensions		(cu ft) 2000	(sq ft) 176

ADDITIONAL DATA

The same basic vehicle outfitted with different equipment is used as: camera section, 24- x 24-inch, and press section, 17- x 19-inch.

Gross weight on outfitted vehicles varies from 13,500 to 14,500 pounds, because of different loads.

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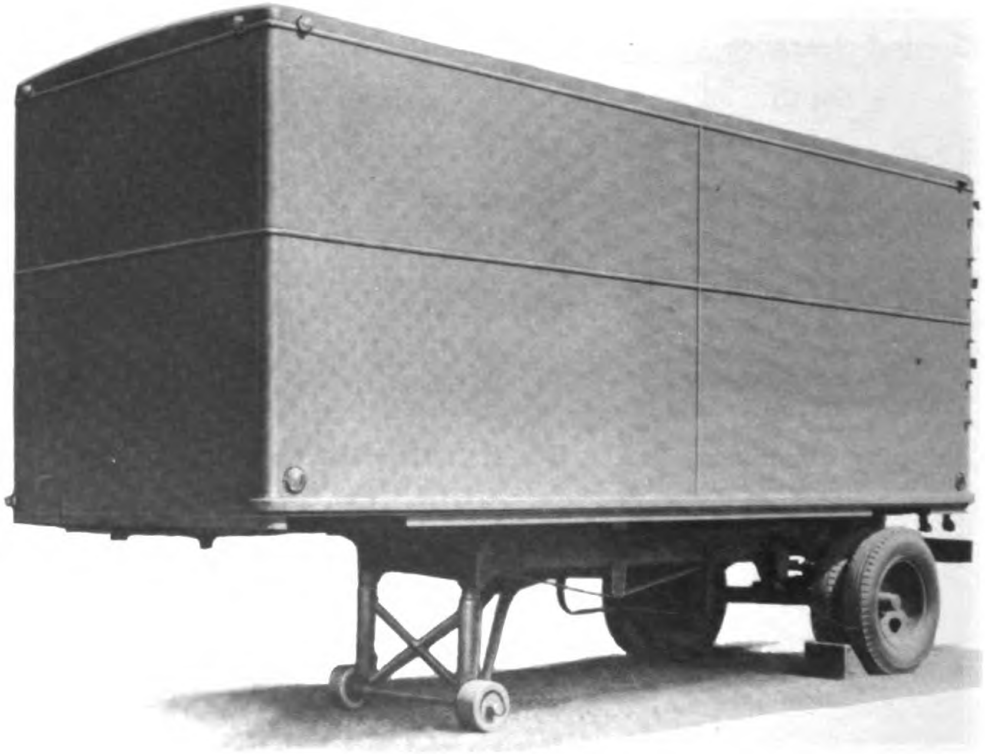
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, VAN, 3-TON (6-TON GROSS)

Technical Manuals: Carolina, TM 10-1302; Parts List:
Highway, TM 10-1363;
Kingham, TM 10-1252;
Steel Products, TM 10-1688;
Strick, TM 10-1360;
Truck Eng., TM 10-1675.

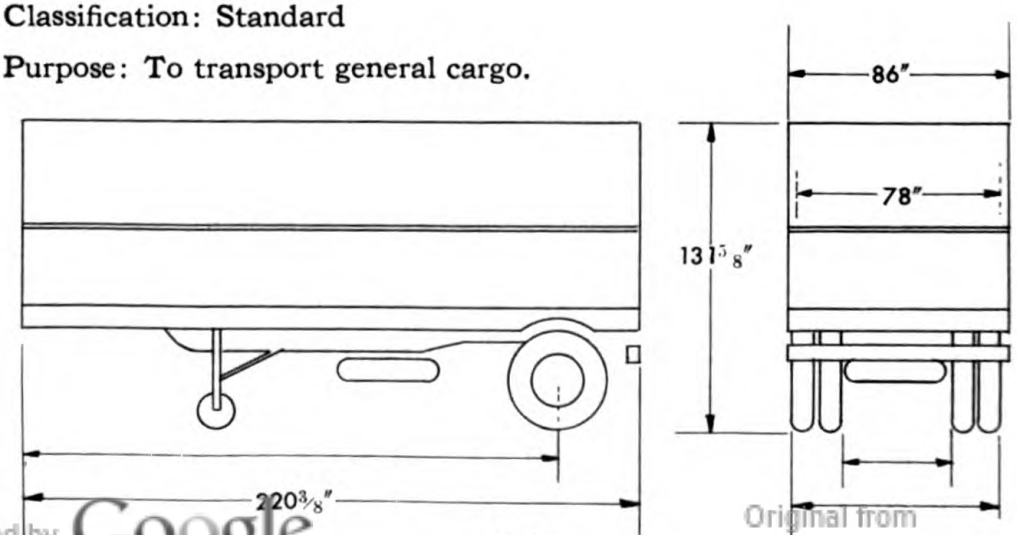
Manufacturers: Various



RA PD 308968

Classification: Standard

Purpose: To transport general cargo.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, VAN, 3-TON (6-TON GROSS)

GENERAL DATA

Body type			Van—wood or steel
Weight	Net, wood	(lb)	5,750
	Net, steel	(lb)	5,800
	Payload	(lb)	6,000
	Gross, wood	(lb)	11,750
	Gross, steel	(lb)	11,800
Loading height		(in.)	49
Ground clearance		(in.)	15½
Tread		(in.)	66
Tires	Operating		4
	Spares		1
	Ply		8
	Size		7.50 x 20
Brakes			Electric
Towing tractor			Truck tractor, 1½-ton, 4 x 2
			Truck tractor, 1½ ton, 4 x 4
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

Similar vehicles manufactured by: Black Diamond Trailer Co.; Carolina Trailer Co.; Checker Cab Mfg. Co.; Highway Trailer Co.; Kingham Trailer Co.; A. J. Miller (Auto Cruiser Trailer Co.); Steel Products Co., Inc.; Strick Co.; Truck Engineering Corp.

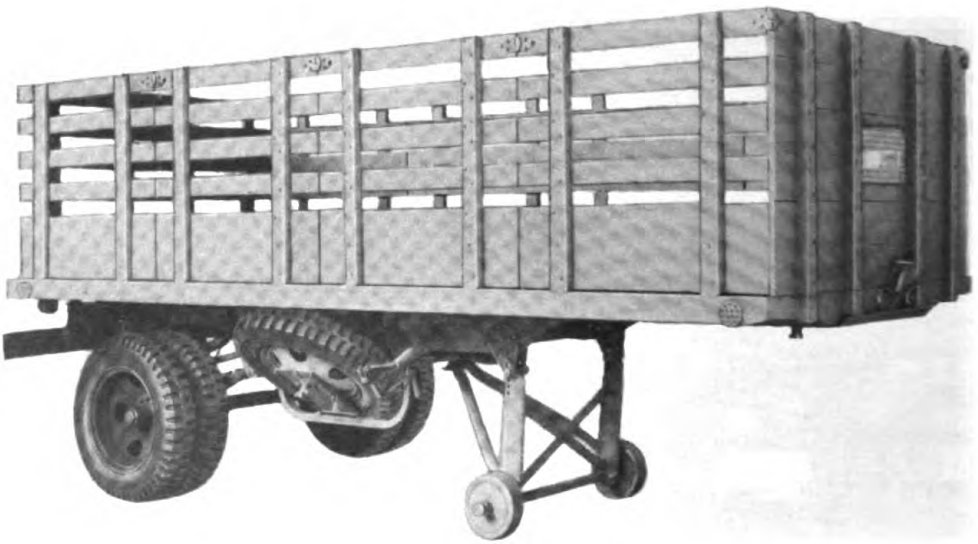
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, STAKE AND PLATFORM 3½-TON (6-TON GROSS)

Technical Manuals: Black Diamond, TM 9-886A; Dorsey, TM 10-1343; Highway, TM 10-1363; Hobbs, TM 10-1353; Kingham, TM 10-1252; Strick, TM 10-1360; Utility, TM 10-1300; Truck Eng., TM 10-1675; Winter-Weiss, TM 10-1170. Parts List:

Manufacturers: Various

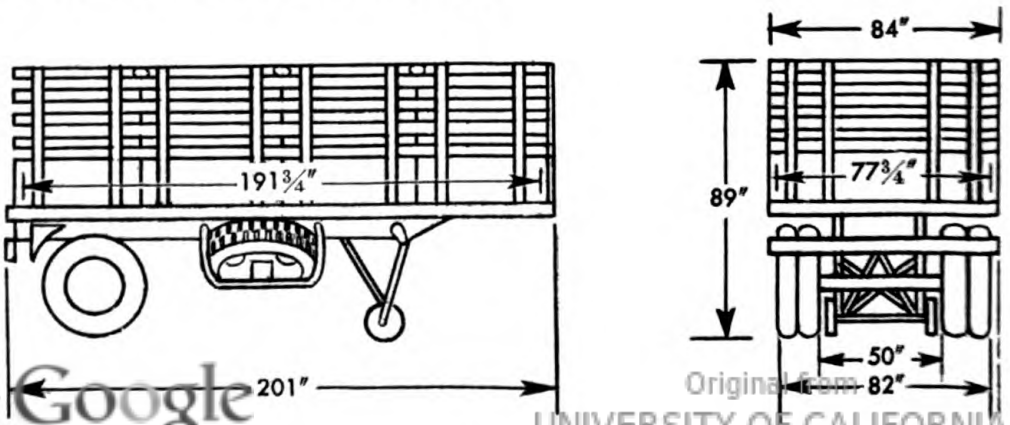


RA PD 66395

Vehicle illustrated above: Checker Cab Mfg. Co., Model CC-4.

Classification: Standard

Purpose: To transport general cargo.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, STAKE AND PLATFORM 3½-TON (6-TON GROSS)

GENERAL DATA

Body type	Combination stake and platform		
Weight	Net	(lb)	4,582
	Payload	(lb)	7,000
	Gross	(lb)	11,582
Loading height		(in.)	49¼
Ground clearance		(in.)	15½
Tread		(in.)	66
Tires	Operating		4
	Spares		1
	Ply		8
	Size		7.50 x 20
Brakes	Electric		
Towing tractor	Truck tractor, 1½-ton, 4x2		
	Truck tractor, 1½-ton, 4x4		
Shipping dimensions	(cu ft) 459	(sq ft) 117	

ADDITIONAL DATA

Similar vehicles manufactured by: Black Diamond Trailer Co., Dorsey Bros., Highway Trailer Co., Hobbs Mfg. Co., Kingham Trailer Co., Strick Co., Utility Trailer Mfg. Co., Truck Engineering Corp., Winter-Weiss Co.

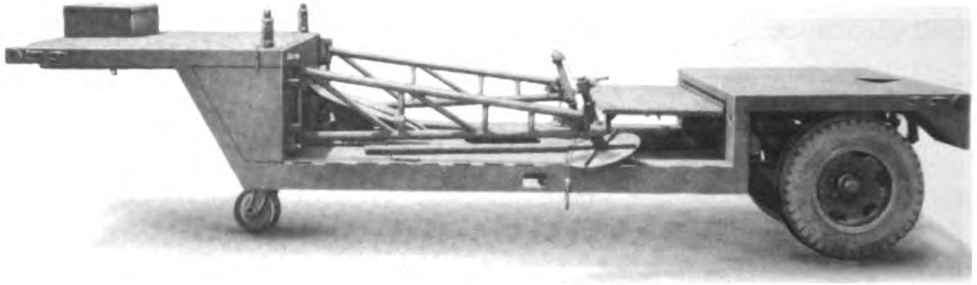
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, 6-TON GROSS, K-67

Technical Manuals: Parts List:

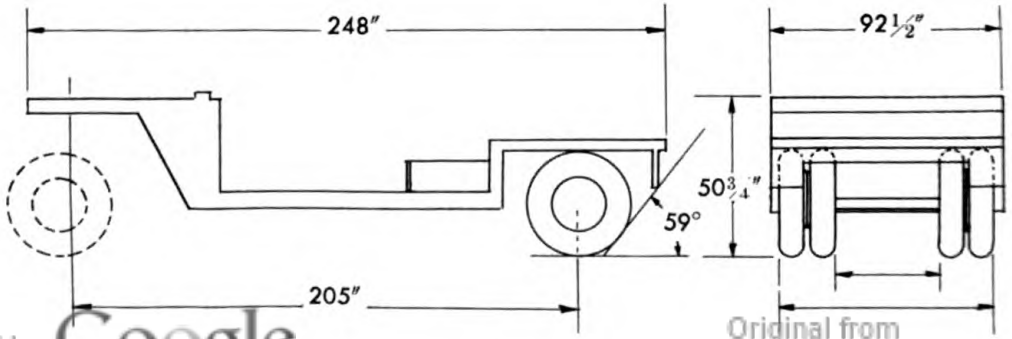
Manufacturer: Fruehauf Trailer Co.



RA PD 308939

Classification: Standard

Purpose: To transport radio equipment for Signal Corps.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, 6-TON GROSS, K-67

GENERAL DATA

Body type			Platform only
Weight	Net	(approx.) (lb)	6,500
	Payload	(lb)	6,000
	Gross	(approx.) (lb)	12,500
Loading height		(in.)	
Ground clearance		(in.)	
Tread		(in.)	
Tires	Operating		4
	Ply		8
	Size		7.50 x 20
Brakes			Electric
Towing tractor			Truck, 1½-ton, 4x4
Shipping dimensions	(cu ft) 1740		(sq ft)
Weight packed for export	(Loaded)	(lb)	13,158

ADDITIONAL DATA

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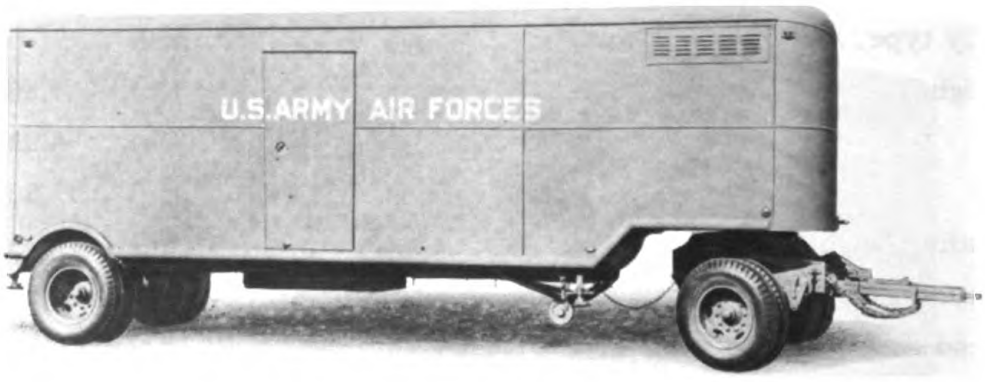
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILERS, INSTRUMENT SHOP, 8-TON GROSS

Technical Order: TO 19-25-27. Parts List:

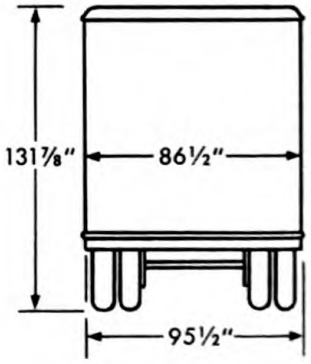
Manufacturer: Keystone, Model AC-105.

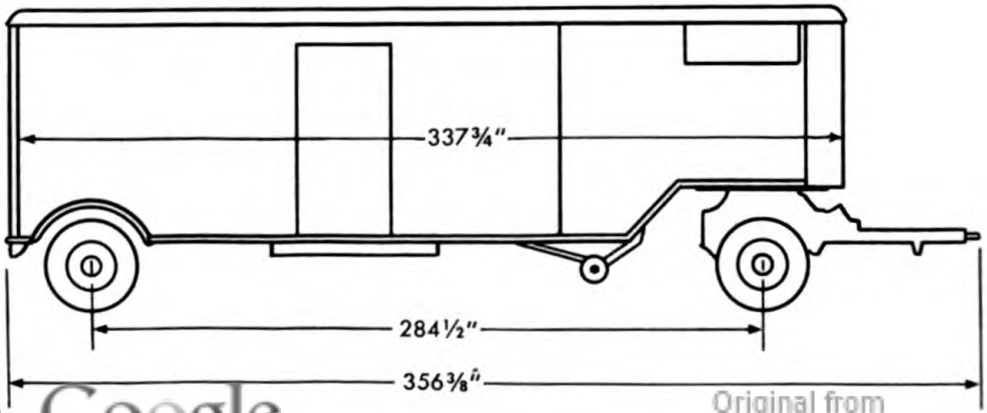


RA PD 309089

Classification: Standard

Purpose: Used by Army Air Forces for repair, calibration and maintenance of aircraft instruments.





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SECTION XVI—SEMITRAILERS

SEMITRAILERS, INSTRUMENT SHOP, 8-TON GROSS

GENERAL DATA

Body type			
Weight	Net	(lb)	12,670
	Payload (test equipment)	(lb)	4,214
	Gross	(lb)	16,884
Loading height		(in.)	35
Ground clearance		(in.)	13
Tires	Operating		4
	Ply		12
	Size		9.00 x 20
Kingpin to center of axle		(in.)	284½
Brakes			Air
Towing tractor			
Shipping dimensions	(cu ft) 2,607	(sq ft) 237	

ADDITIONAL DATA

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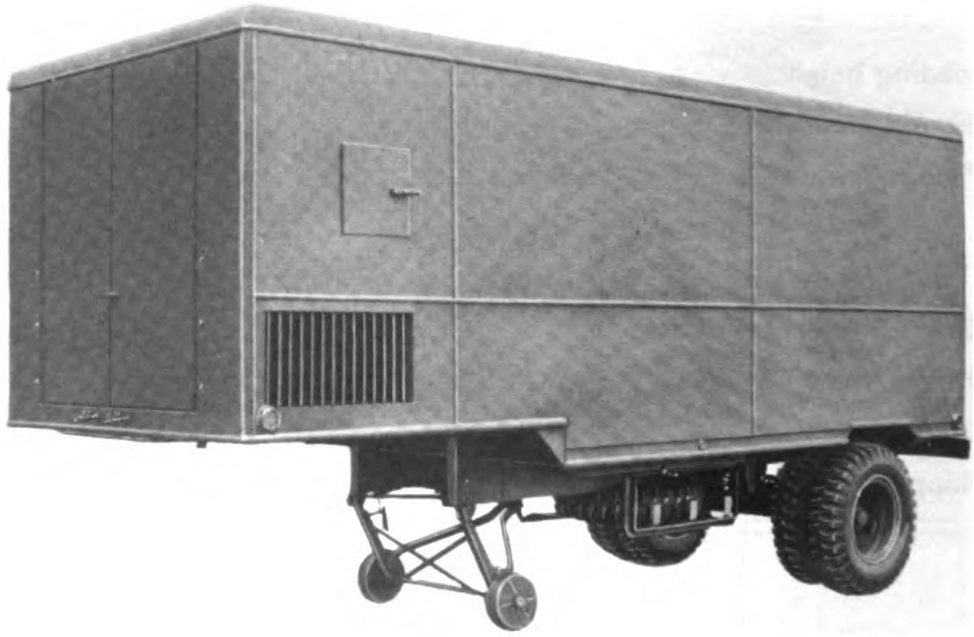
STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, REFRIGERATOR, 5-TON (10-TON GROSS)

Technical Manuals:
American Body, TM 10-1311;
Hyde, TM 10-1313;
Watson, TM 10-1307.

Parts List:

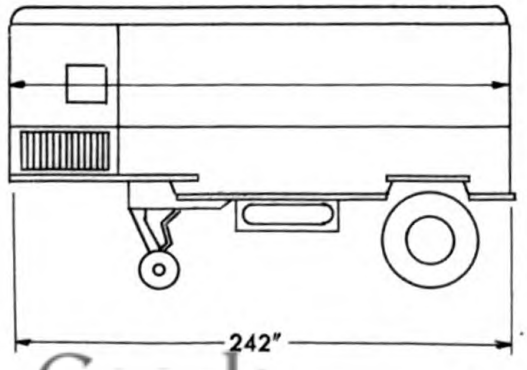
Manufacturers: American Body and Trailer; Hyde; A. J. Miller; Robbins and Burke Inc.; U. S. Thermo Control Co.; Watson.

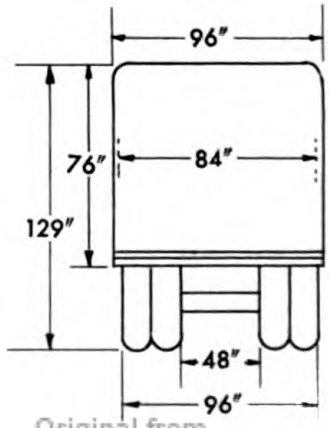


RA PD 66398

Classification: Standard

Purpose: Used by Quartermaster Corps to transport perishable food.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, REFRIGERATOR, 5-TON (10-TON GROSS)

GENERAL DATA

Body type			Refrigeration
Weight	Net	(lb)	12,150
	Payload	(lb)	10,000
	Gross	(lb)	22,150
Loading height		(in.)	
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Ground clearance		(in.)	14
Brakes			Air
Towing tractor			
Shipping dimensions	(cu ft) 1,763	(sq ft) 164	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILERS, MAP REPRODUCTION EQUIPMENT VAN, 10-TON GROSS

Technical Manuals: Parts List:

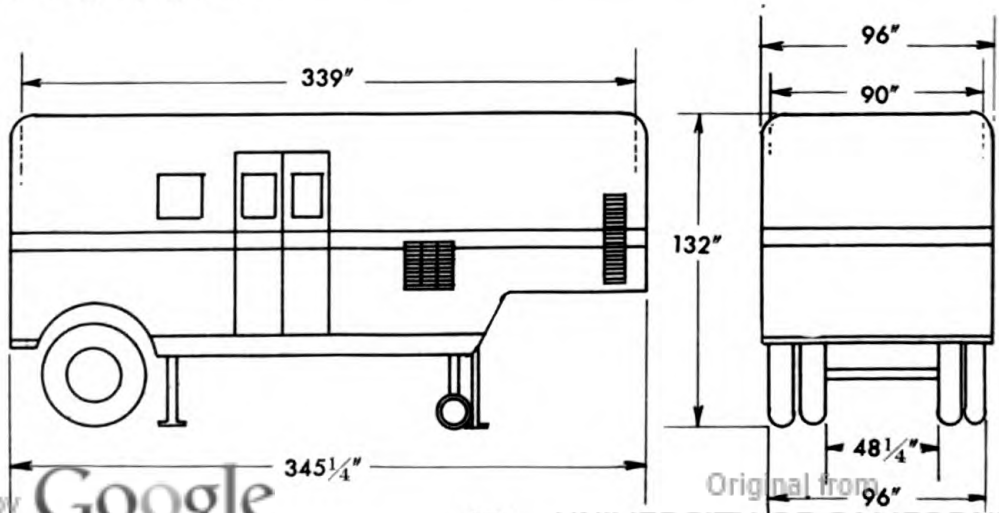
Manufacturer: Fruehauf Trailer Co.



RA PD 309010

Classification: Limited standard

Purpose: Used by Corps of Engineers to transport camera and reproducing equipment.



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SECTION XVI—SEMITRAILERS

SEMITRAILERS, MAP REPRODUCTION EQUIPMENT VAN, 10-TON GROSS

GENERAL DATA

Body type			Van
Weight	Gross (with loads)	(lb)	18,000 to 23,500
Ground clearance		(in.)	12
Fording depth		(in.)	30
Tread, center to center		(in.)	70 3/8
Tires	Operating		4
	Spares		1
	Ply		14
	Size		12.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-ton, 4 x 4
Shipping dimensions	(cu ft) 2,534	(sq ft) 230	

ADDITIONAL DATA

The same basic vehicle outfitted with different equipment is used as: Camera section, 24- x 30-inch; Camera section, 24- x 24-inch; Combination "A"; Combination "B"; Photographic section; Laboratory section; Plate grainer section; Plate process section; Press section, 22- x 29-inch; Press section 20- x 22 1/2-inch.

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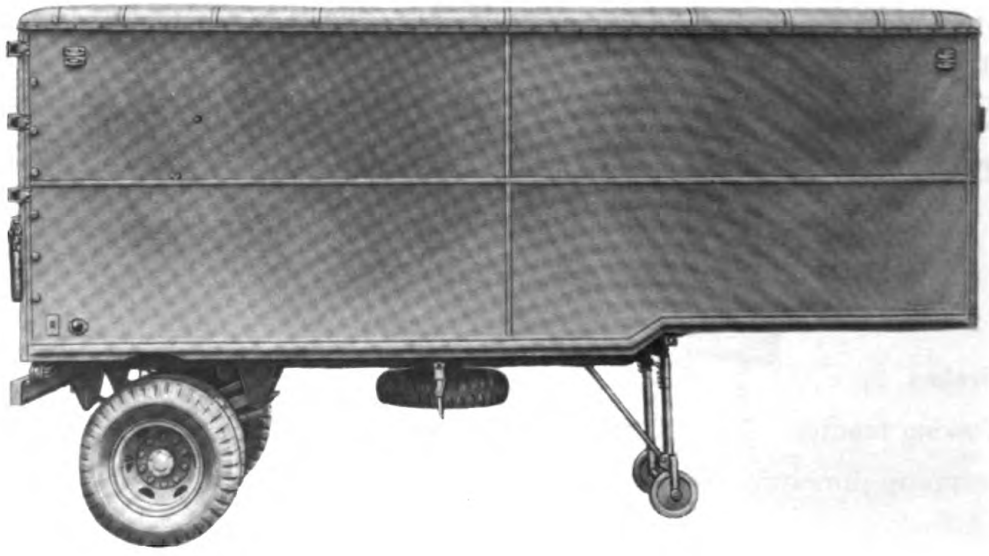
STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, VAN, 6-TON (10-TON GROSS)

Technical Manuals: American, Dorsey, Kentucky, Strick, Timpte, Utility, Olson, and Carter, TM 9-888; Gramm, TM 10-1217; Highway, TM 10-1381; Trailer Co. of Am., TM 10-1351; Gerstenslager, 10-1315.

Parts List:

Manufacturers: Various.

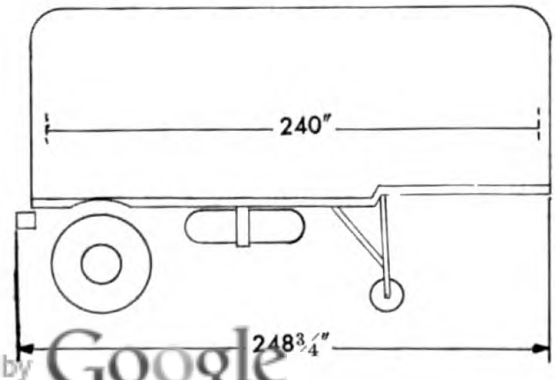


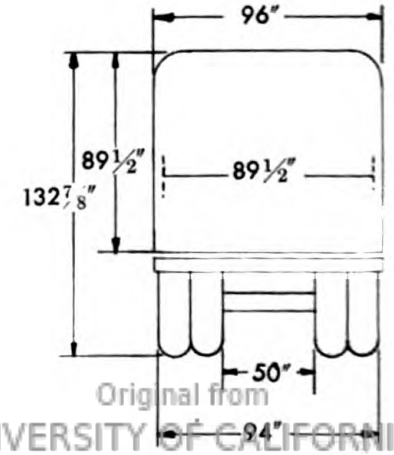
RA PD 66411

Vehicle illustrated above: Gerstenslager Co.

Classification: Standard

Purpose: To transport general cargo.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, VAN, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van—wood or steel
Weight	Net (steel)	(lb)	7,450
	Net (wood)	(lb)	7,200
	Payload	(lb)	12,000
	Gross (steel)	(lb)	19,450
	Gross (wood)	(lb)	19,200
Loading height		(in.)	50
Ground clearance		(in.)	16½
Tread		(in.)	72
Tires	Operating		4
	Spare		1
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 1,836	(sq ft)	165

ADDITIONAL DATA

Similar vehicles manufactured by: American Body and Trailer Co., Dorsey Brothers, Gramm Truck and Trailer Corp., Highway Trailer Co., Kentucky Mfg. Co., Olson Mfg. Co., Strick Co., Timpte Brothers, Trailer Company of America, Carter Mfg. Co., and Utility Trailer Mfg. Co.

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, CLOTHING REPAIR, 6-TON (10-TON GROSS)

Technical Manual: Timpte, TM 10-1309. Parts List: SNL G-591

Manufacturers: Rivers Body Factory, Timpte Bros.

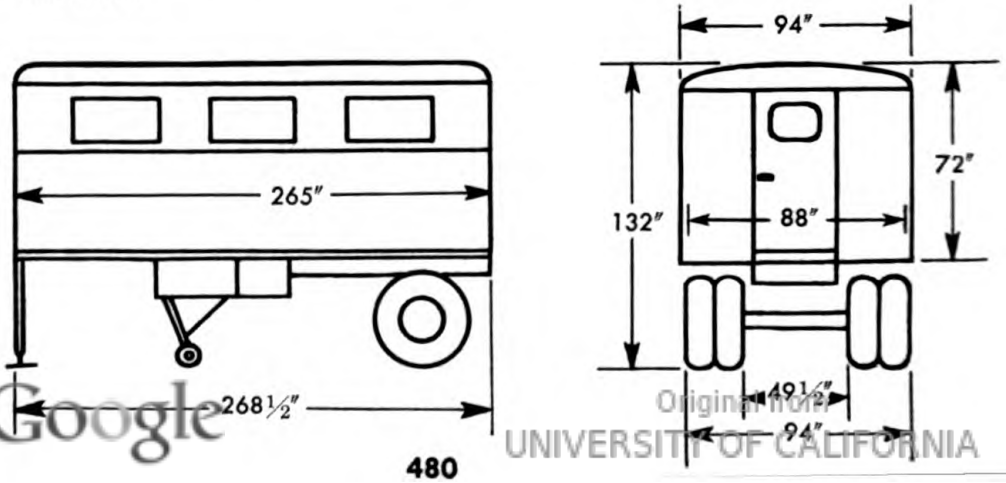


RA PD 66401

Vehicle illustrated above: Rivers Body Factory

Classification: Standard

Purpose: Used by Quartermaster Corps to provide mobile clothing repair facilities.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, CLOTHING REPAIR, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van
Weight	Net	(lb)	8,000
	Payload	(lb)	12,000
	Gross	(lb)	20,000
Loading height		(in.)	50
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Ground clearance		(in.)	14
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, COMBINATION ANIMAL AND CARGO, 6-TON (10-TON GROSS)

Technical Manuals: Gramm, TM 10-1380; Highway, TM 10-1372. Parts List: SNL G-580

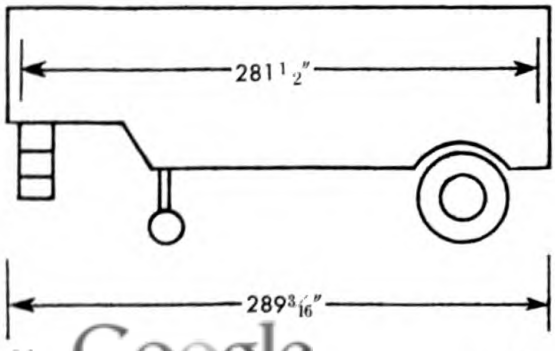
Manufacturers: Gramm Motor Truck and Trailer Corp., Highway Trailer Co.

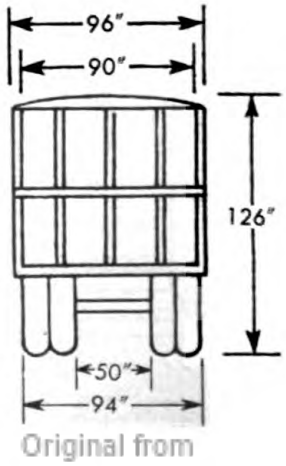


RA PD 66399

Classification: Standard

Purpose: To transport eight men and eight horses with equipment for both, including rifle and saddle racks.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, COMBINATION ANIMAL AND CARGO, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Open-top van
Weight	Net	(lb)	8,820
	Payload	(lb)	12,000
	Gross	(lb)	20,820
Loading height		(in.)	38
Tires	Operating		4
	Spare		1
	Ply		10
	Size		9.00 x 20
Ground clearance		(in.)	14
Brakes			Air
Towing tractor			Truck tractor, 4-5-ton, 4 x 4
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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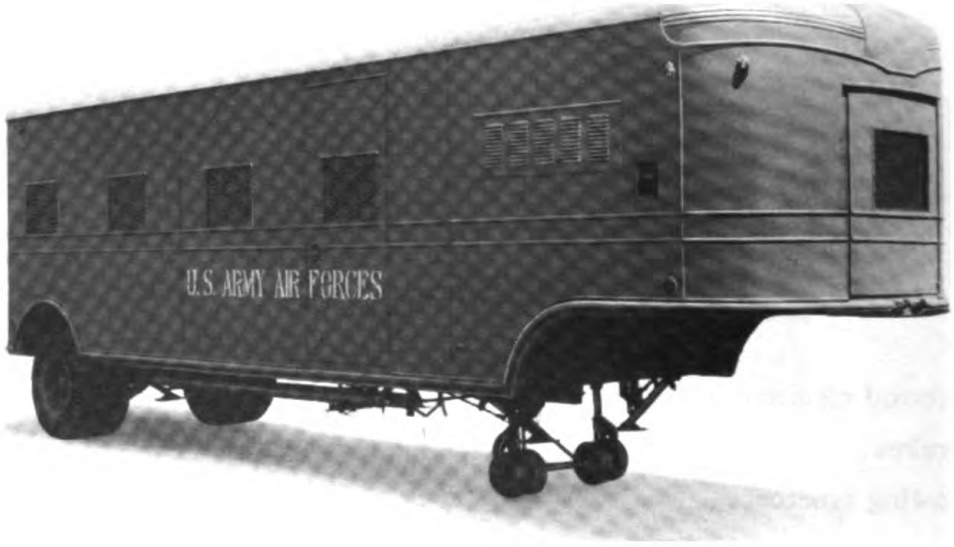
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, FIELD SHOP REPAIR, 10-TON GROSS, TYPE A-3A

Technical Orders: Parts List:

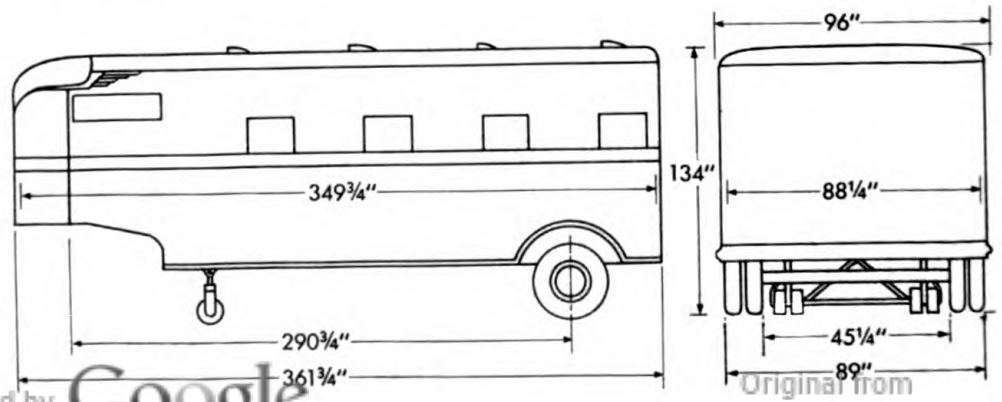
Manufacturer: Fruehauf Trailer Co.



RA PD 309067

Classification: Standard

Purpose: Used by Army Air Forces to provide mobile machine shop facilities.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, FIELD SHOP REPAIR, 10-TON GROSS, TYPE A-3A

GENERAL DATA

Body type			Van
Weight	Net	(lb)	9,000
	Payload (equipment)	(lb)	8,550
	Gross	(lb)	17,550
	Gross (allowable)	(lb)	29,000
Loading height		(in.)	33
Ground clearance		(in.)	17½
Kingpin to center of axle		(in.)	290¾
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 2,692	(sq ft)	241
	(cu ft) (disassembled) 2,258		
Weight packed for export		(lb)	29,000

ADDITIONAL DATA

Equipment includes 4,000 pound derrick (on tractor); 110-volt generating plant; 15,000 pound capacity winch (on tractor); die making machine; 10-inch grinder; 1-inch collet lathe; arbor press; 14-inch drill press; 2 vises; work bench; air compressor; gasoline heater. A full complement of hand tools and utility parts are provided by the using organization.

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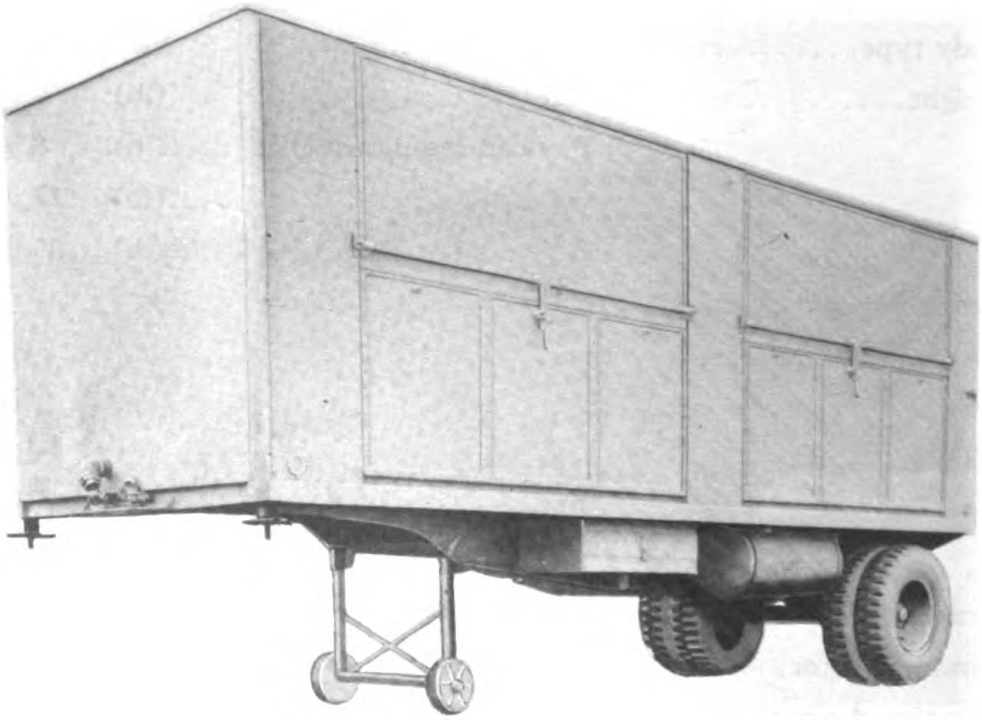
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, LAUNDRY, 6-TON (10-TON GROSS)

Technical Manual: TM 10-1217. Parts List: SNL G-584

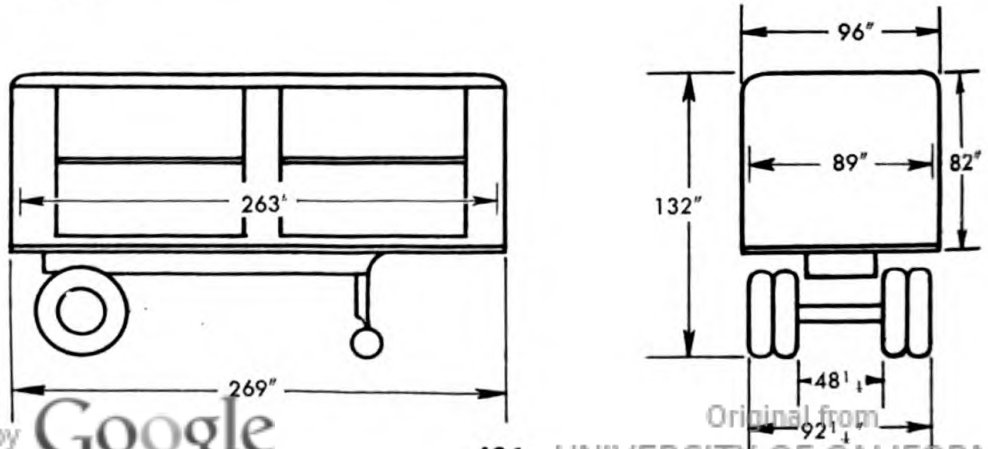
Manufacturer: Gramm Motor Truck & Trailer Corp.



RA PD 66403

Classification: Standard

Purpose: To provide mobile laundry facilities for use by Quartermaster Corps.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, LAUNDRY, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van laundry
Weight	Net	(lb)	8,000
	Payload	(lb)	12,000
	Gross	(lb)	20,000
Loading height		(in.)	
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Ground clearance		(in.)	
Brakes			Air
Towing tractor			
Shipping dimensions	(cu ft)	(sq ft)	

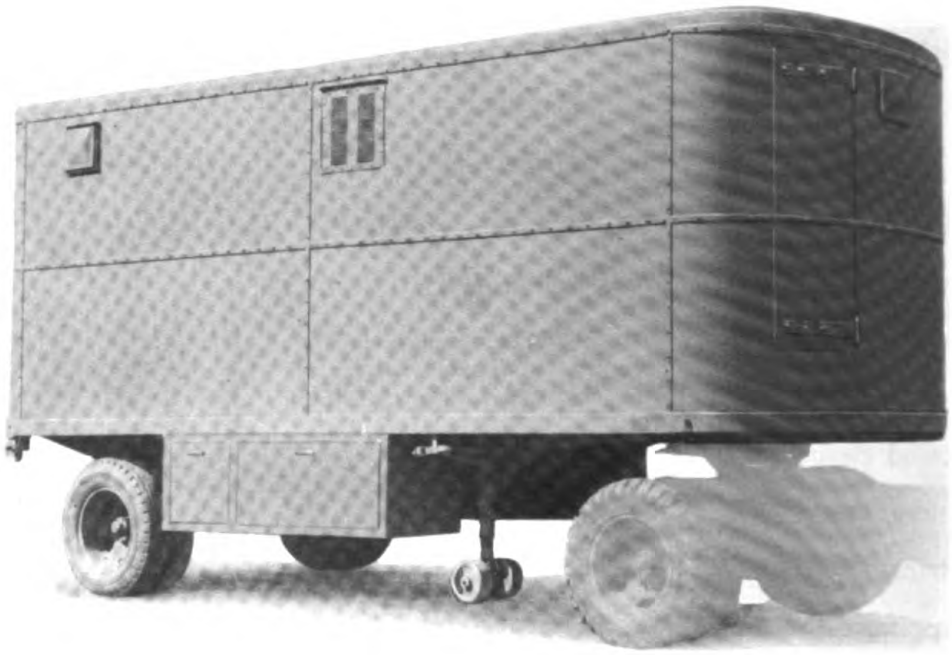
ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES
SEMITRAILER, MOBILE RECORDS, 6-TON (10-TON GROSS)

Technical Manuals: Parts List: SNL G-592

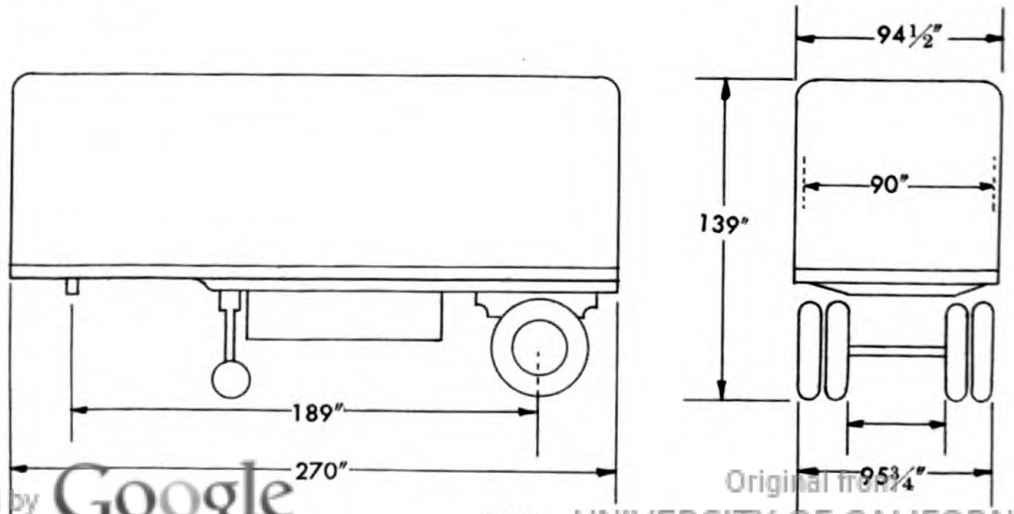
Manufacturer: Watson Automotive Equipment Co.



RA PD 308967

Classification: Standard

Purpose: To provide mobility for electric accounting machines used in the field.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, MOBILE RECORDS, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van
Weight	Net	(lb)	9,000
	Payload	(lb)	12,000
	Gross	(lb)	21,000
Loading height		(in.)	49
Ground clearance		(in.)	16½
Tread		(in.)	69
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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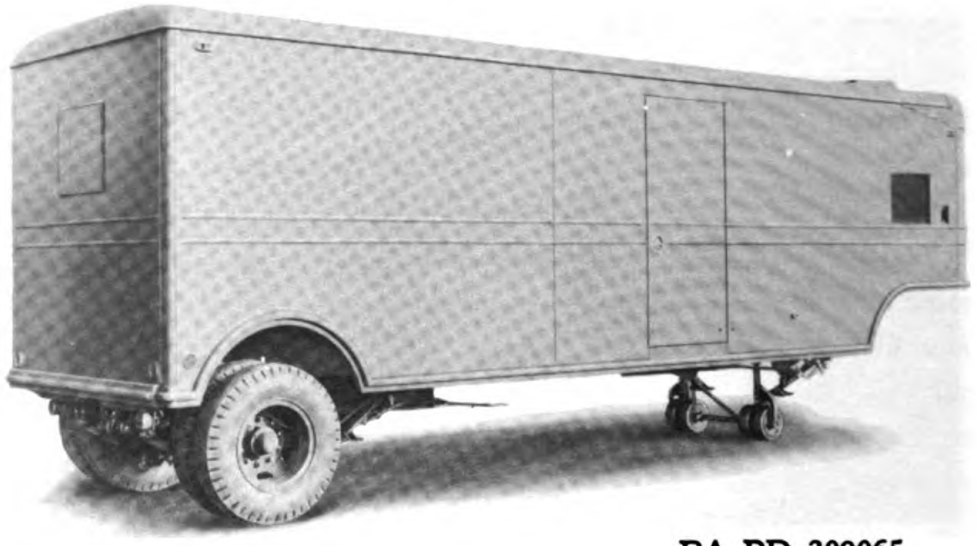
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, LABORATORY, PHOTOGRAPHIC 10-TON GROSS, TYPE N-I, N-2, N-3

Technical Orders: Parts List:

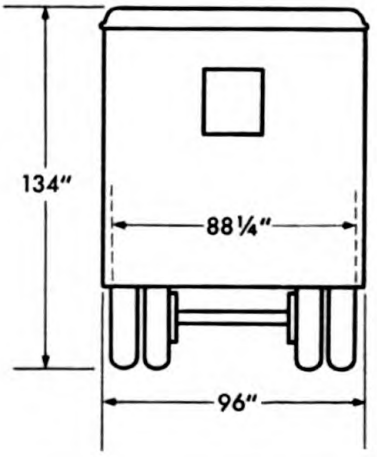
Manufacturer: Fruehauf Trailer Co.

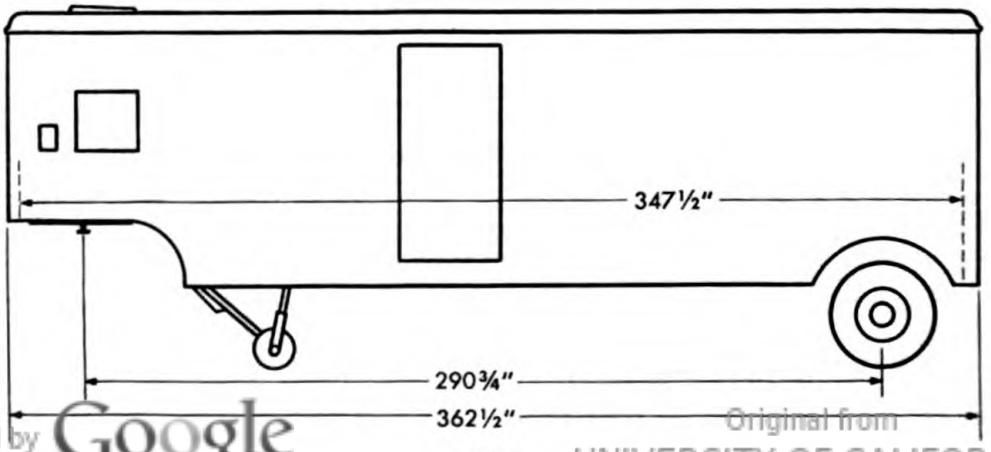


RA PD 309065

Classification: Standard

Purpose: Used by Army Air Forces to process photographic negatives and print photographs.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, LABORATORY, PHOTOGRAPHIC 10-TON GROSS, TYPE N-I, N-2, N-3

GENERAL DATA

Body type			Van
Weight	*Net (with equipment)	(lb)	10,730
	Payload	(lb)	18,270
	Gross	(lb)	29,000
Loading height		(in.)	33
Ground clearance		(in.)	17½
King pin to center of axle		(in.)	290¾
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 2,699	(sq ft)	241

ADDITIONAL DATA

Contains complete equipment necessary to develop and print photographs, air conditioner, gasoline heater, 110-volt generator driven by a 4-cylinder, air-cooled engine.

*Equipment installed in vehicle weighs approximately 1,730 pounds.

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, SHOE REPAIR, 6-TON (10-TON GROSS)

Technical Manual: Gerstenslager, TM 10-1315. Parts List: SNL G-569

Manufacturers: The Gerstenslager Co.; Trailmobile Co.

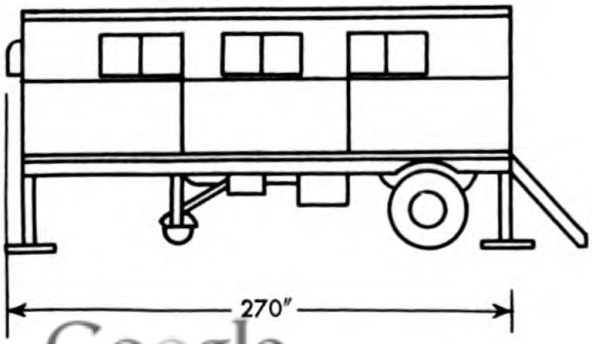


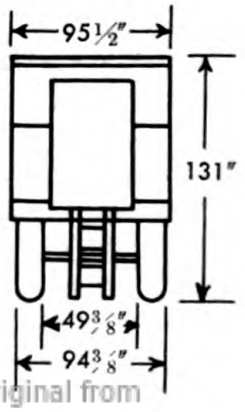
RA PD 66405

Vehicle illustrated above: The Gerstenslager Co., Model W-8120.

Classification: Standard

Purpose: Used by Quartermaster Corps to provide mobile shoe repair facilities.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, SHOE REPAIR, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van
Weight	Net	(lb)	8,400
	Payload	(lb)	12,000
	Gross	(lb)	20,400
Loading height		(in.)	50
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Ground clearance		(in.)	14
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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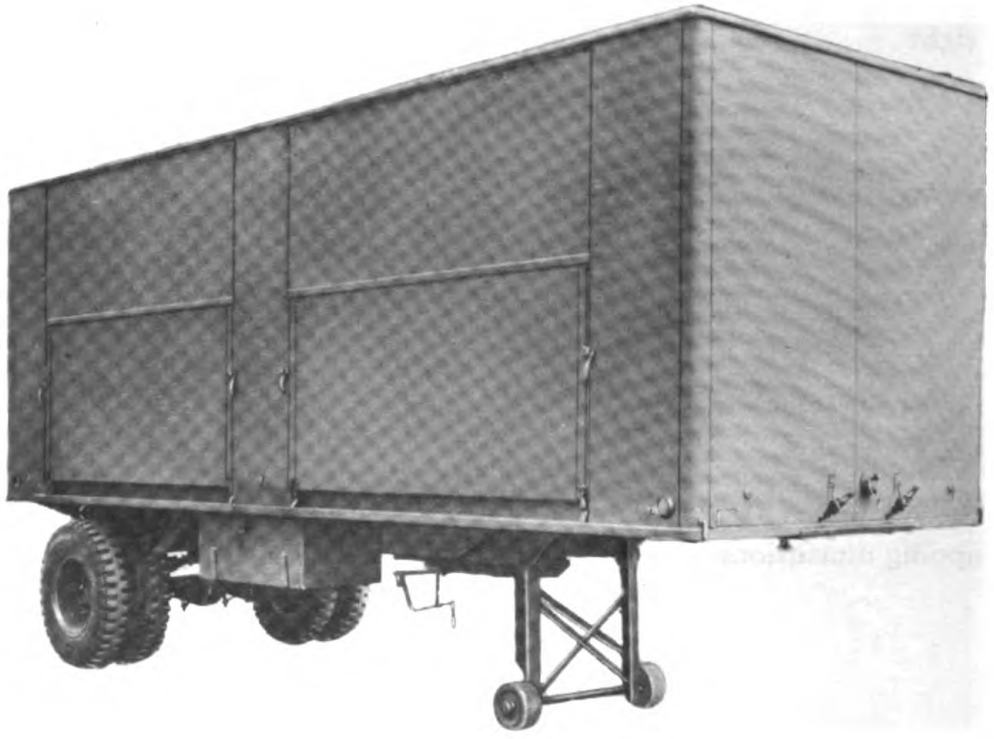
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, STERILIZER AND BATH, 6-TON (10-TON GROSS)

Technical Manuals: Strick, TM 10-1397; Hyde, TM 10-1295. Parts List:

Manufacturers: Gramm Truck and Trailer Corp.; Hyde Corp.; Lufkin Foundry and Machine Co.; Strick Co.; Trailmobile.

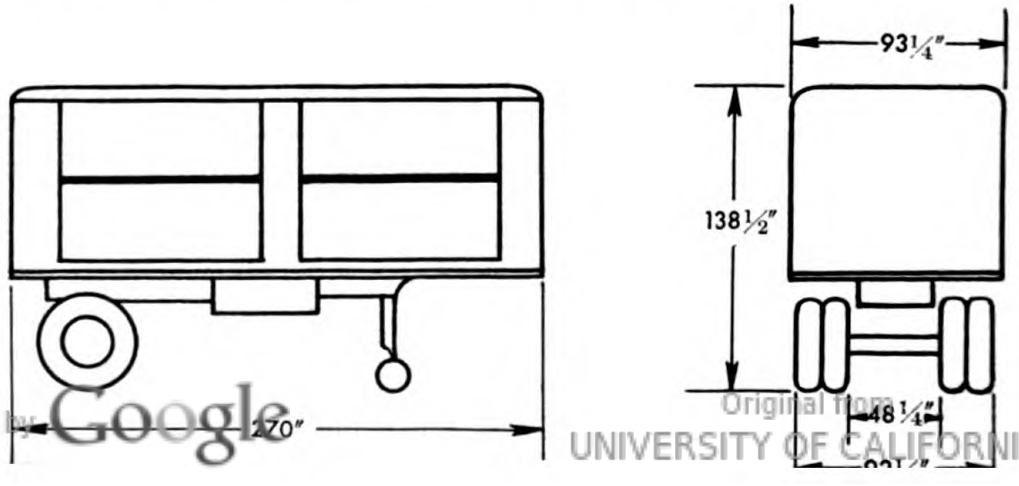


RA PD 66407

Vehicle illustrated above: Strick.

Classification: Standard

Purpose: To provide mobile facilities for sterilization and bath.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, STERILIZER AND BATH, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van
Weight	Net	(lb)	9,500
	Payload	(lb)	12,000
	Gross	(lb)	21,500
Loading height		(in.)	49
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Ground clearance		(in.)	16½
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, TECHNICAL SUPPLY, 10-TON GROSS

Technical Orders: Parts List:

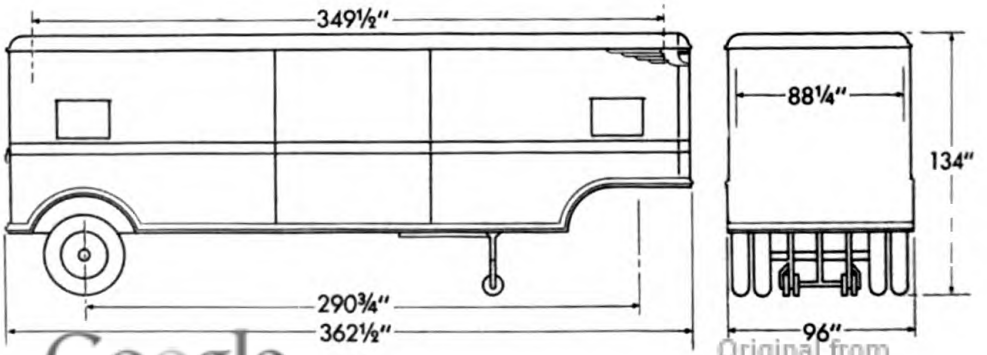
Manufacturer: Fruehauf Trailer Co.



RA PD 309063

Classification: Standard

Purpose: Used by Army Air Forces for storage, issue and transportation of aircraft spare parts and accessories.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, TECHNICAL SUPPLY, 10-TON GROSS

GENERAL DATA

Body type			Van
Weight	Net	(lb)	9,000
	Payload (racks and shelving)	(lb)	4,250
	Gross	(lb)	13,250
	Gross (maximum allowable)	(lb)	29,000
Loading height		(in.)	30
Ground clearance		(in.)	17½
Tread		(in.)	
Kingpin to center of axle		(in.)	290¾
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 2,697	(sq ft)	241
	(cu ft) (disassembled)		1,954
Weight packed for export		(lb)	29,000

ADDITIONAL DATA

Equipment includes a 110-volt generator driven by a one-cylinder air-cooled engine, storage bins and heating and ventilating equipment. Winch capacity 15,000 lb., located back of cab on tractor.

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, TEXTILE REPAIR, 6-TON (10-TON GROSS)

Technical Manuals: Carter, TM 10-1213; Utility, TM 10-1317.

Parts List: SNL G-588 (Utility) SNL G-534 (Carter)

Manufacturers: Carter Mfg. Co.; Utility Trailer Mfg. Co.

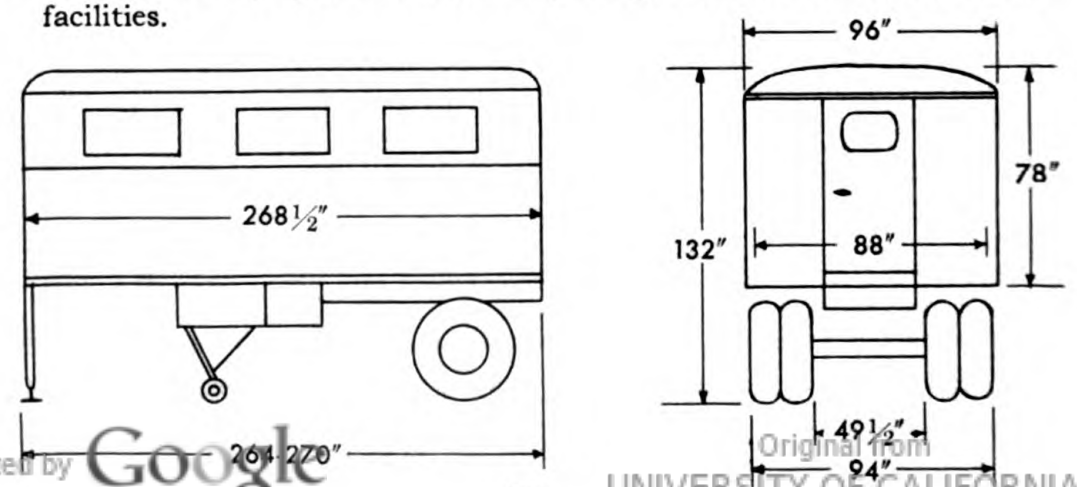


RA PD 66409

Vehicle illustrated above: Carter

Classification: Standard

Purpose: Used by Quartermaster Corps to provide mobile textile repair facilities.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, TEXTILE REPAIR, 6-TON (10-TON GROSS)

GENERAL DATA

Body type			Van
Weight	Net	(lb)	8,500
	Payload	(lb)	12,000
	Gross	(lb)	20,500
Loading height		(in.)	50
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Ground clearance		(minimum) (in.)	14
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft)	(sq ft)	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, CARGO, 7-TON (10-TON GROSS)

Technical Manual: TM-9-882. Parts List: SNL G-596

Manufacturers: Various

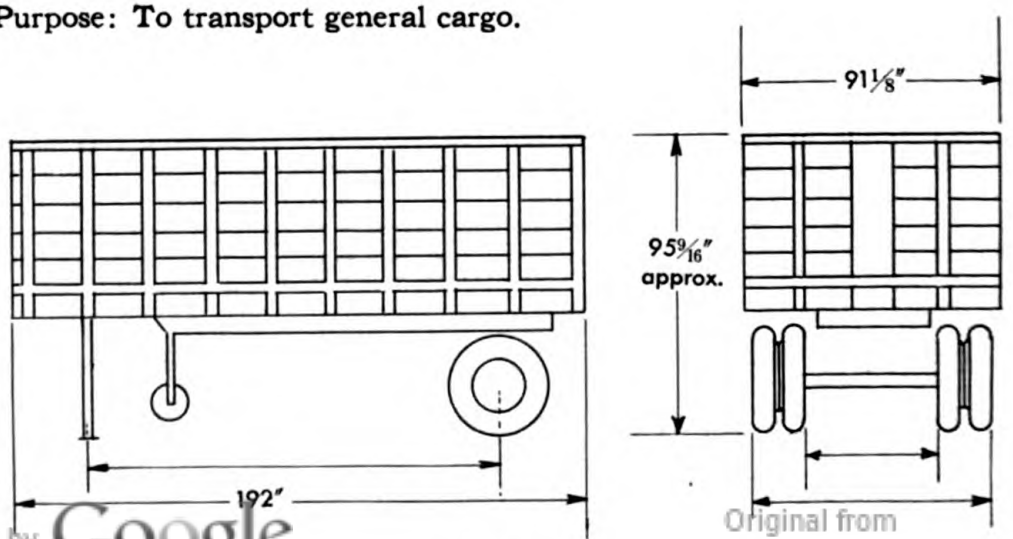


RA PD 308969

Vehicle illustrated above: Highway Trailer Co.

Classification: Substitute standard

Purpose: To transport general cargo.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, CARGO, 7-TON (10-TON GROSS)

GENERAL DATA

Body type			Cargo—wood or steel
Weight	Net, wood	(lb)	5,100
	Net, steel	(lb)	5,500
	Payload	(lb)	14,000
	Gross, wood	(lb)	19,100
	Gross, steel	(lb)	19,500
Loading height		(in.)	48½
Ground clearance		(in.)	15½
Tread		(in.)	67
Tires	Operating		4
	Spare		1
	Ply		10
	Size		7.50 x 20
Brakes			Vacuum
Towing tractor			Truck, 2½-ton, 6 x 6
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

Similar vehicle manufactured by: Carter Mfg. Co.; Edwards Iron Works; Gramm Motor Truck & Trailer Corp.; Hyde Corp.; Kentucky Mfg. Corp.; Lufkin Foundry & Machine Co.; W. C. Nabors Co.; Pointer Willamette Co, and Whitehead & Kales Co.

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, LOW PLATFORM, 7½-TON (12-TON GROSS)

Technical Manual: TM 10-1228 Parts List: SNL G-600

Manufacturers: American Body and Trailer Co.; Hobbs Mfg. Co.; Lufkin Foundry & Machine Co.; Steel Products Co.; Truck Engineering Corp.

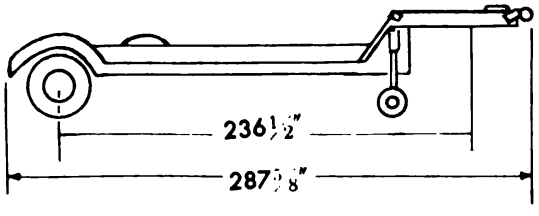


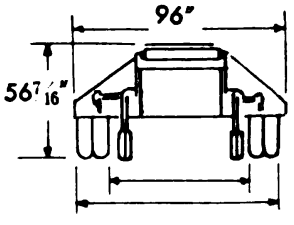
RA PD 308978

Vehicle illustrated above: Truck Engineering Corp.

Classification: Standard

Purpose:





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SECTION XVI—SEMITRAILERS

SEMITRAILER, LOW PLATFORM, 7½-TON (12-TON GROSS)

GENERAL DATA

Body type			Platform
Weight	Net	(lb)	7,000
	Payload	(lb)	15,000
	Gross	(lb)	22,000
Ground clearance		(in.)	12
Tread		(in.)	
Tires	Operating		4
	Spare		1
	Ply		12
	Size		9.00 x 15
Brakes			Vacuum
Towing tractor			Truck tractor, 2½-ton, 4 x 2
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

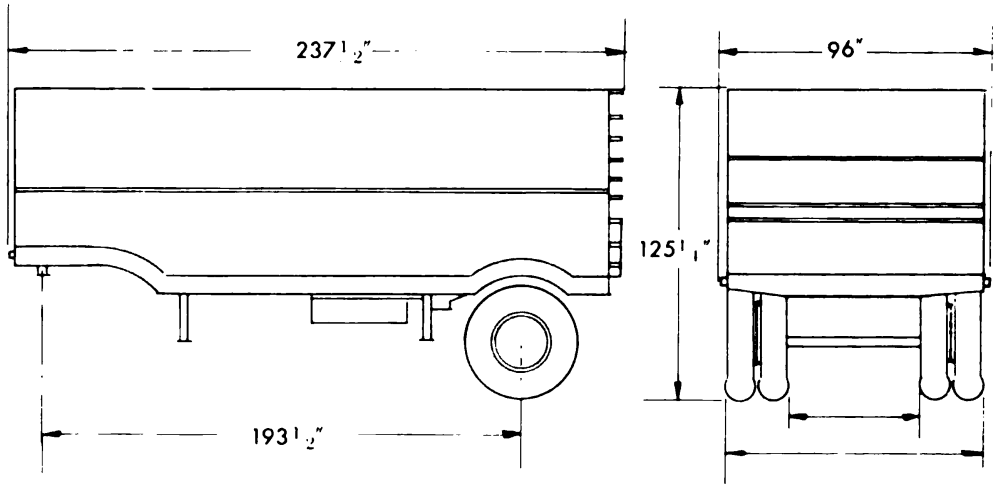
SEMITRAILER, 13-TON GROSS, K-78

Technical Manuals: Parts List:

Manufacturer: Fruehauf Trailer Co.

Classification: Standard

Purpose: Used by Signal Corps.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, 13-TON GROSS, K-78

GENERAL DATA

Body type			Van
Weight	Net	(lb)	9,500
	Payload	(lb)	10,000
	Gross	(lb)	19,500
Loading height		(in.)	
Ground clearance		(in.)	17½
Tread		(in.)	
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 5-ton, 4 x 4
Shipping dimensions	(cu ft) 1,556	(sq ft)	
Weight packed for export	(loaded)	(lb)	20,000

ADDITIONAL DATA

No photo available at date of publication.

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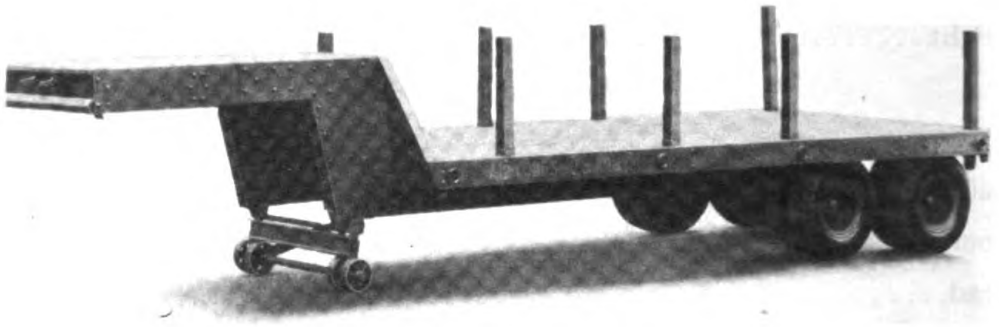
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, CARRYALL, 15-TON

Technical Orders: Parts List:

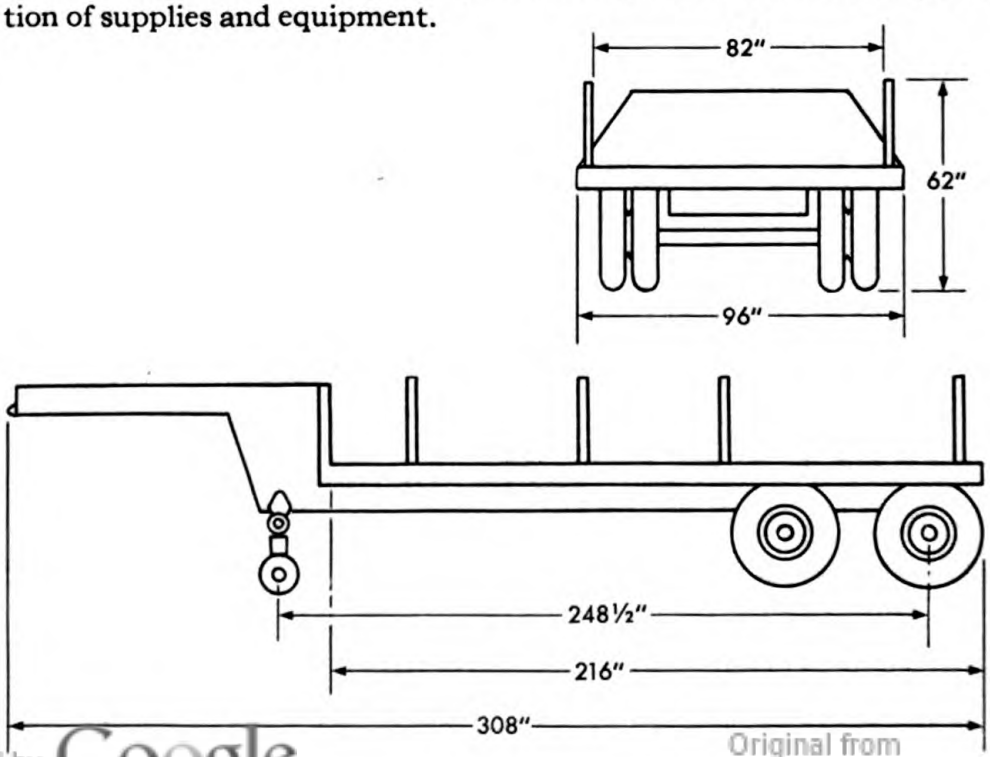
Manufacturer: Trailer Company of America.



RA PD 309050

Classification: Standard

Purpose: Used by Army Air Forces for transporting heavy maintenance vehicles such as mowers, graders, trenchers, rollers and for transportation of supplies and equipment.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, CARRYALL, 15-TON

GENERAL DATA

Body type			Platform
Weight	Net	(lb)	9,210
	Payload	(lb)	30,000
	Gross	(lb)	39,210
Loading height		(in.)	35
Ground clearance		(in.)	8
Tread		(in.)	
Kingpin to center of bogie		(in.)	248½
Tires	Operating		8
	Ply		10
	Size		7.50 x 15
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 528	(sq ft)	174
	(cu ft) (disassembled)		500

ADDITIONAL DATA

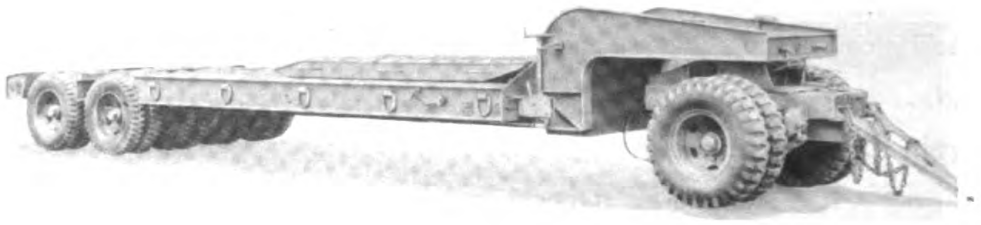
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, FLAT BED, 20-TON, WITH DOLLY

Technical Manuals: See additional data Parts List:

Manufacturers: Fruehauf Trailer Co., LaCrosse Trailer & Equipment Co., Rogers Bros. Co., Timpte Bros.

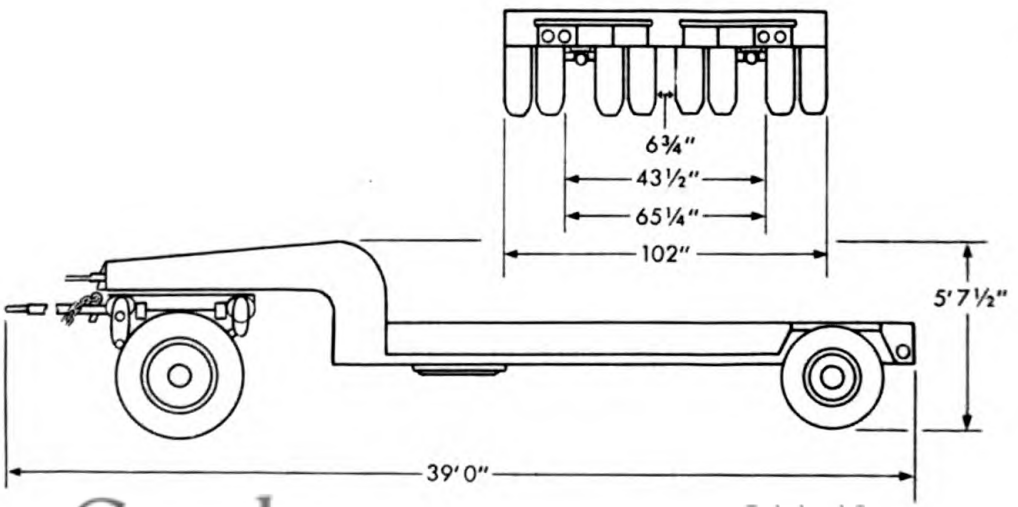


RA PD 309000

Vehicle illustrated above: Fruehauf

Classification: Standard

Purpose: Used by Corps of Engineers to transport heavy equipment.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, FLAT BED, 20-TON, WITH DOLLY

GENERAL DATA

			Minimum	Maximum
Body type			Full flat bed	
Weight	Net (lb)		12,790	16,700
	Payload (lb)		40,000	40,000
	Gross (lb)		52,790	56,700
Loading height, empty		(in.)	36	40½
Ground clearance		(in.)	10	
Tread		(in.)		
Tires	Operating		20	
	Spares	7.50 x 20, 9.00 x 20	1	
	Ply	Front 14 . . . Rear 8		
	Size:			
	Front	12.00 x 20, 9.00 x 20		
	Rear	7.50 x 20		
Brakes			Air and hand parking	
Towing tractors			Truck tractor, 5-6 ton, 4 x 4 6-ton, 6 x 6	
Shipping dimensions		(cu ft) 1,885 . . . . (sq ft) 330		

ADDITIONAL DATA

Trailers supplied by various manufacturers vary in weight. The figures given are the maximum and minimum values.

Fruehauf Trailer Co., Model CPT-20, TM 5-9034.

LaCrosse Trailer and Equipment Co., Model DF 6.

Rogers Bros. Company, Model LKS-620.

Rogers Bros. Company, Model H-20-L-S-14.

Timpte Bros.

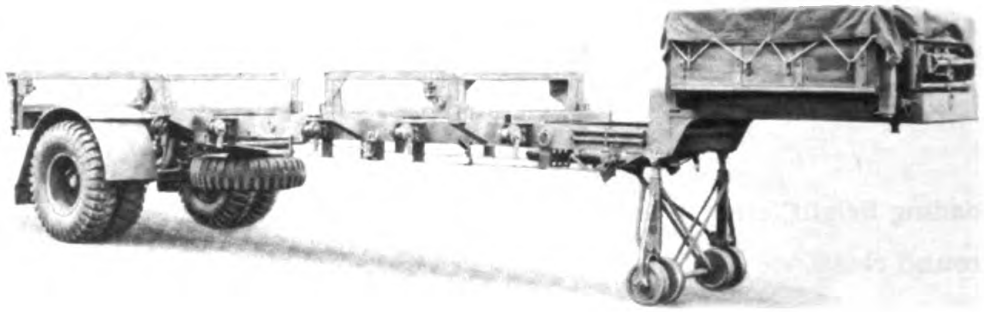
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, 10-TON PONTON

Technical Manual: TM 5-9006 Parts List:

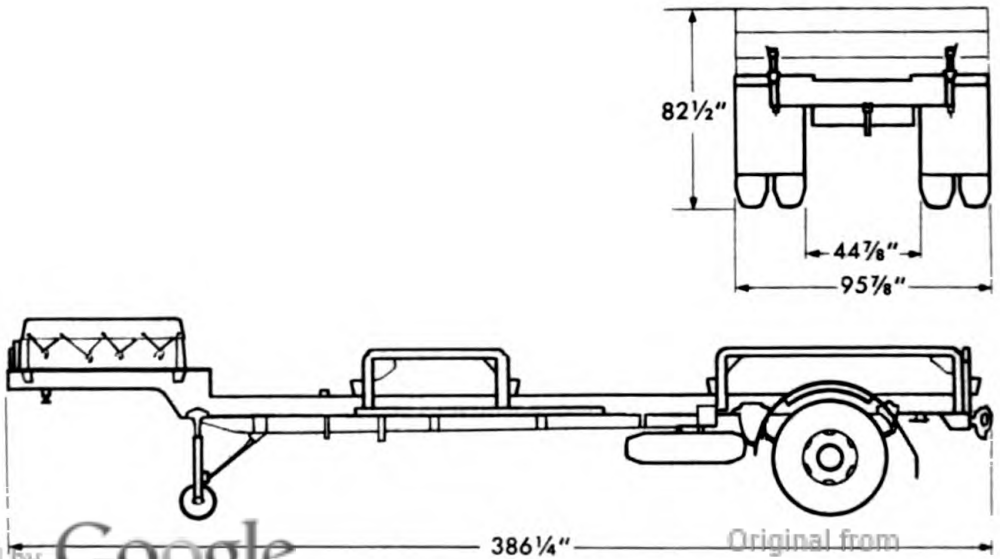
Manufacturer: Fruehauf Trailer Co.



RA PD 309022

Classification: Standard

Purpose: Used by Corps of Engineers to transport ponton bridge equipment.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, 10-TON PONTON

GENERAL DATA

Body type			Drop frame
Weight	Net	(lb)	7,200
	Payload	(lb)	18,000
	Gross	(lb)	25,200
Loading height		(in.)	
Ground clearance		(in.)	16
Ground pressure		(lbs per sq in.)	45
Tread		(in.)	
Tires	Operating		4
	Spare		1
	Ply		14
	Size		12.00 x 20
Brakes			Air
Towing tractor			
Shipping dimensions	(cu ft) 1,785	(sq ft) 257	

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, 25-TON PONTON

Technical Manuals: TM 5-9012, TM 5-9014 Parts List:

Manufacturers: Electric Wheel Co.; Fruehauf Trailer Co.; Trailer Company of America.

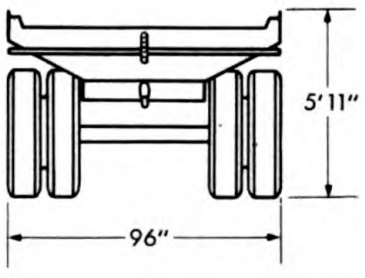


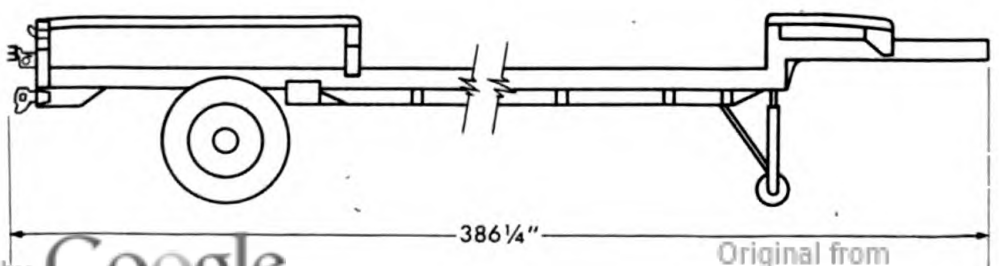
RA PD 309034

Vehicle illustrated above: Fruehauf Trailer Co.

Classification: Standard

Purpose: Used by Corps of Engineers to transport ponton bridge equipment.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, 25-TON PONTON

GENERAL DATA

			Minimum	Maximum
Body type			Drop frame	
Weight	Net (lb)		7,200	7,660
	Payload (lb)		10,148	18,000
	Gross (lb)		17,808	25,200
Loading height		(in.)		55½
Ground clearance		(in.)		16
Ground pressure		(lbs per sq in.)		45
Tread		(in.)		
Tires	Operating			4
	Spares			1
	Ply			14
	Size			12.00 x 20
Brakes			Air	
Towing tractor			Truck tractor, 5-6 ton, 4 x 4	
Shipping dimensions	(cu ft) 1,536	(sq ft) 257		

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, WRECKING, 25-FOOT, TYPE C-2

Technical Orders: Parts List:

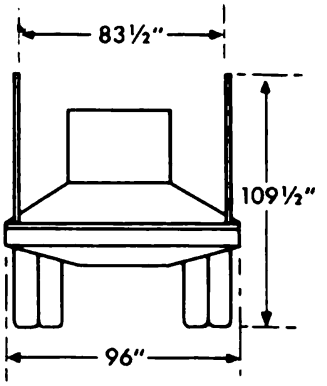
Manufacturer: Trailer Co. of America.

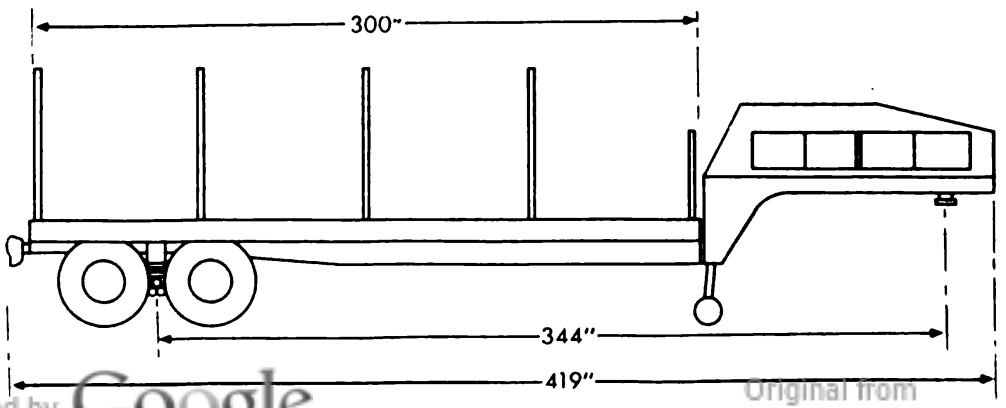


RA PD 309046

Classification: Standard

Purpose: Used by Army Air Forces for transporting salvaged and new aircraft; also for general purpose hauling.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, WRECKING, 25-FOOT, TYPE C-2

GENERAL DATA

Body type			Flat bed
Weight	Net	(lb)	10,850
	Payload	(lb)	25,000
	Gross	(lb)	35,850
Loading height		(in.)	48
Ground clearance		(in.)	10
Tread		(in.)	
Tires	Operating		8
	Ply		
	Size		10.00 x 15
Brakes			Air
*Towing tractor			
Shipping dimensions	(cu ft) 1,150	(sq ft)	236
	(cu ft) (disassembled)		950
Weight packed for export		(lb)	10,850

ADDITIONAL DATA

*Towed by the type C-2 wrecking truck tractor. May also be towed by the standard Army 4-5 ton, 4 x 4 truck tractor (Autocar or Federal) which is used for towing the AAF type F-2 and type F-2A fuel servicing semitrailers.

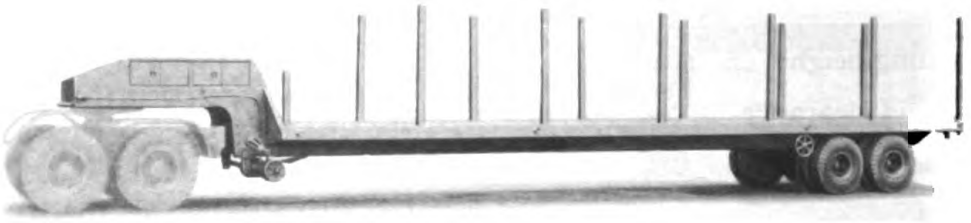
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, WRECKING, 40-FOOT, 12½-TON, TYPE C-2

Technical Orders: Parts List:

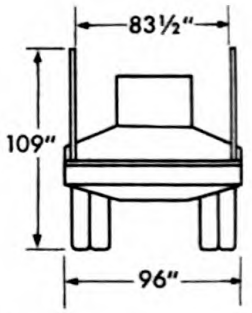
Manufacturer: Trailer Co. of America.

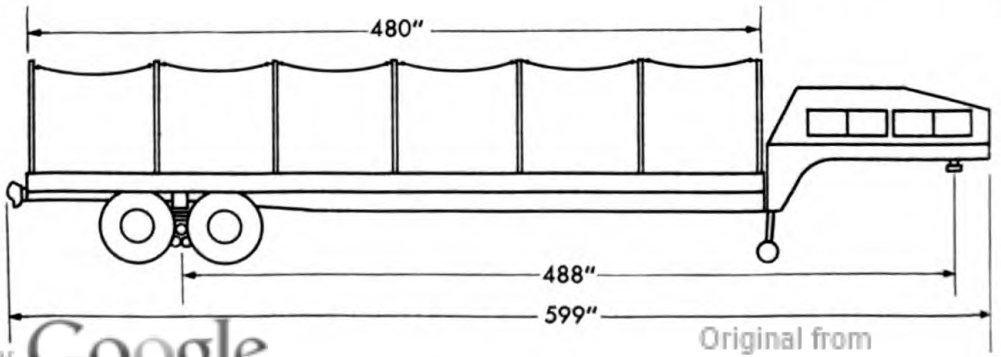


RA PD 309048

Classification: Standard

Purpose: Used by Army Air Forces for transporting salvaged and new aircraft; also for general purpose hauling.





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SECTION XVI—SEMITRAILERS

SEMITRAILER, WRECKING, 40-FOOT, 12½-TON, TYPE C-2

GENERAL DATA

Body type			Flat bed
Weight	Net	(lb)	13,790
	Payload	(lb)	25,000
	Gross	(lb)	38,790
Loading height		(in.)	48
Ground clearance		(in.)	10
Kingpin to center of bogie		(in.)	488
Tires	Operating		8
	Ply		
	Size		10.00 x 15
Brakes			Air
*Towing tractor			
Shipping dimensions	(cu ft) 1,727	(sq ft)	361
	(cu ft) (disassembled)		1,500
Weight packed for export		(lb)	13,790

ADDITIONAL DATA

*Towed by the type C-2 wrecking truck tractor. May also be towed by the standard Army 4-5-ton, 4 x 4 truck tractor (Autocar or Federal), which is used for towing the AAF type F-2 and type F-2A fuel servicing semitrailers.

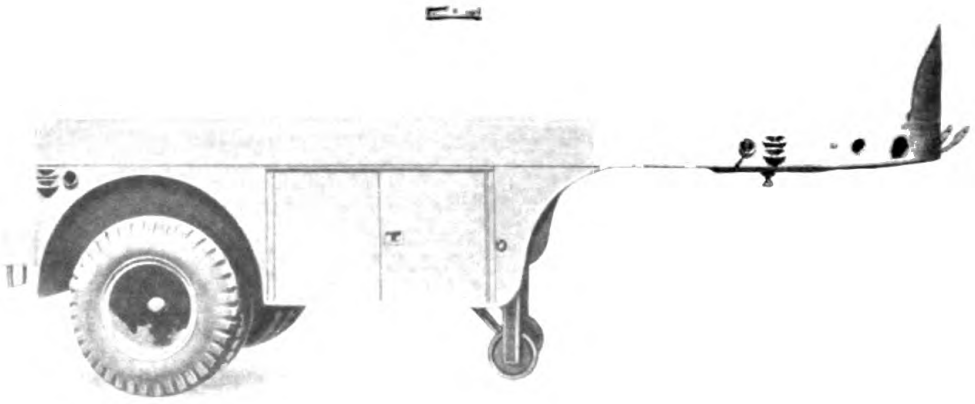
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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, TANK, WATER, 1,500-GAL.

Technical Manual: TM 5-5000. Parts List:

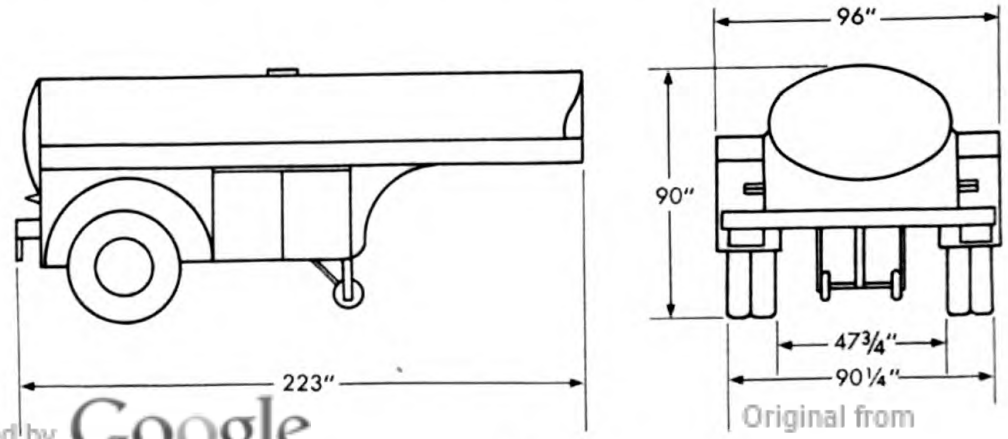
Manufacturer: Columbian Steel Tank Co.



RA PD 309012

Classification: Standard

Purpose: Used by Corps of Engineers to transport and dispense water.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, TANK, WATER, 1,500-GAL.

GENERAL DATA

Body type	Frameless, water tank	(gal)	1,500
Weight	Net	(lb)	7,500
	Payload	(lb)	12,450
	Gross	(lb)	19,450
Loading height		(in.)	
Ground clearance		(in.)	16
Tread		(in.)	
Tires	Operating		4
	Spare		1
	Ply		10
	Size		9.00 x 20
Brakes	(Bendix-Westinghouse)		Air
Towing tractor	Truck tractor, 5-6 ton, 4 x 4		
Shipping dimensions	(cu ft) 1,115	(sq ft)	
Weight packed for export		(lb)	7,650

ADDITIONAL DATA

Wheelbase (tractor to trailer)	(in.)	136

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STANDARD MILITARY MOTOR VEHICLES

SEMITRAILER, FUEL SERVICING, 2,000 GAL., TYPE F-2

Technical Orders: T. O. 19-25-24. Parts List:

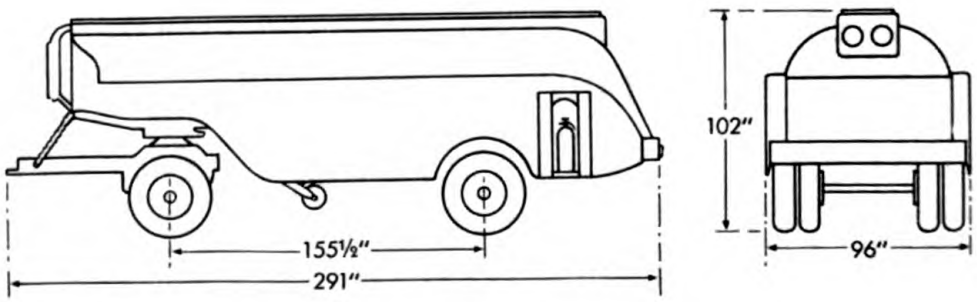
Manufacturer: The Heil Co.



RA PD 309044

Classification: Standard

Purpose: Used by Army Air Forces to transport aircraft engine fuel from distributing points to flying fields, and to service aircraft.



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SECTION XVI—SEMITRAILERS

SEMITRAILER, FUEL SERVICING, 2,000 GAL., TYPE F-2A

GENERAL DATA

Body type			Tank
Weight	Net	(lb)	8,600
	Payload	(lb)	12,000
	Gross	(lb)	20,600
Loading height		(in.)	
Ground clearance		(in.)	
Tread		(in.)	
Kingpin to center of axle		(in.)	155½
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck tractor, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 1,632		(sq ft) 204

ADDITIONAL DATA

This vehicle is the same as the type F-2 fuel servicing semitrailer, except that the side compartment hose reels have been eliminated.

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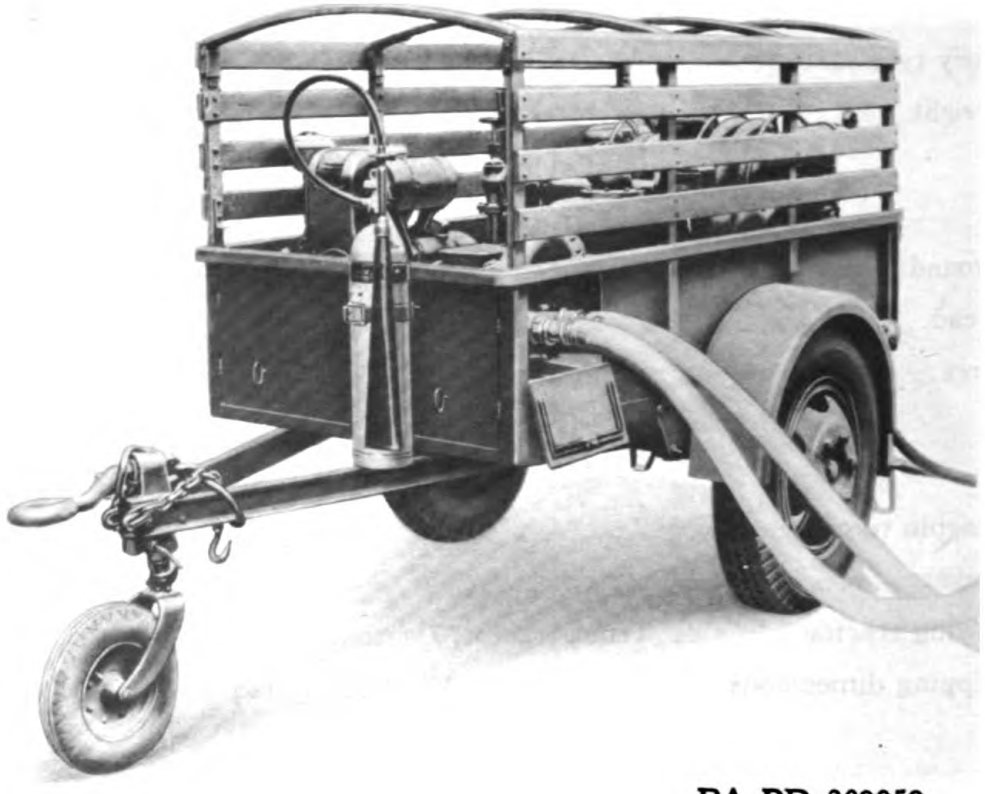
STANDARD MILITARY MOTOR VEHICLES

DOLLY, FUEL SERVICING, 1-TON, TYPE D-2

Technical Manuals: Parts List:

Manufacturers: Equipment: The Heil Co.

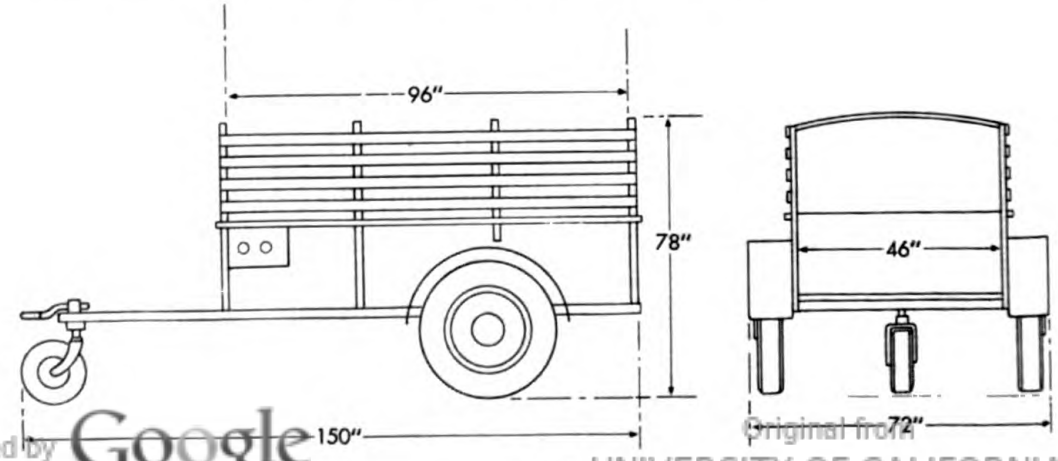
Trailer: Standard Cargo, 1 Ton.



RA PD 309059

Classification: Standard

Purpose: Used by Army Air Forces to convert commercial gasoline transports to aircraft servicing vehicles as a stand-by unit for refueling pits and for pumping from portable bulk storage.



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SECTION XVII—DOLLIES

DOLLY, FUEL SERVICING, 1-TON, TYPE D-2

GENERAL DATA

Body type			Cargo
Weight	Net	(lb)	1,360
	Payload (equipment)	(lb)	1,990
	Gross	(lb)	3,350
Loading height		(in.)	28
Ground clearance			
Tread			
Tires	Operating		2
	Ply		10
	Size		7.50 x 20
Brakes			
Towing tractor			
Shipping dimensions	(cu ft) 488		(sq ft) 75

ADDITIONAL DATA

Equipment consists of a fluid segregator, 80 GPM fuel transfer pump, two hose reels with hose and nozzles. Pump is driven by an air-cooled gasoline engine. Basic vehicle is standard 1-ton cargo trailer.

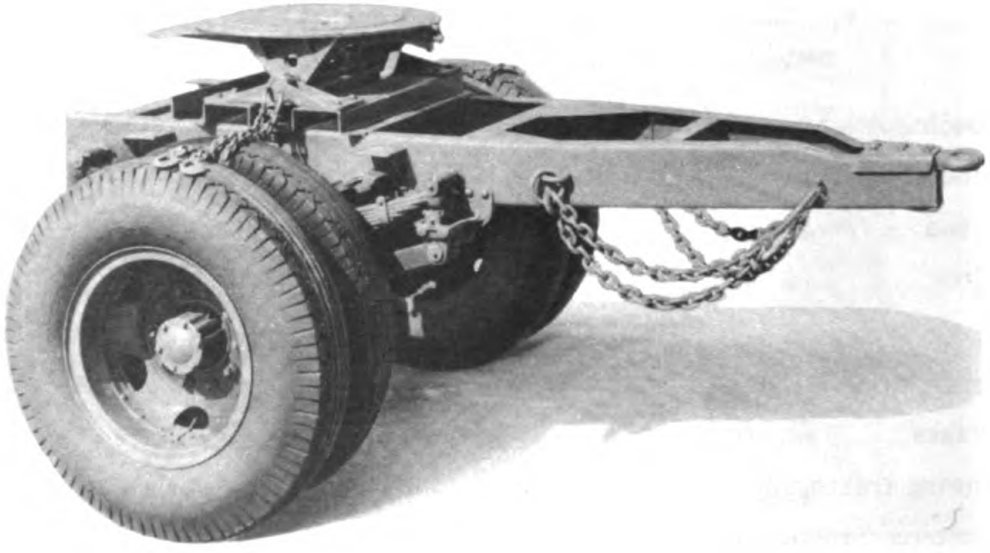
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STANDARD MILITARY MOTOR VEHICLES

DOLLY, TRAILER CONVERTER, FUEL SERVICING, TYPE F-1 OR F-1A

Technical Manuals: Parts List:

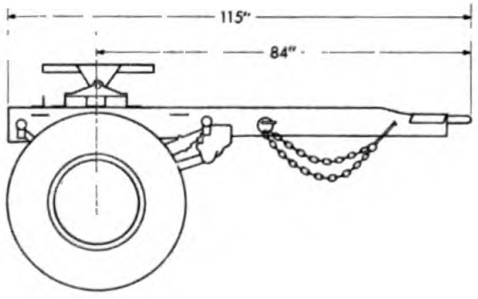
Manufacturer: Standard Steel Works.

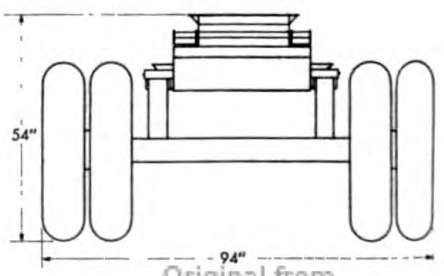


RA PD 309087

Classification: Standard

Purpose: Used by the Army Air Forces to convert F-1 and F-1A fuel servicing semitrailer to full trailer so it can be towed by any Army prime mover.





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SECTION XVII—DOLLIES

DOLLY, TRAILER CONVERTER, FUEL SERVICING, TYPE F-1 OR F-1A

GENERAL DATA

Body type			
Weight	Net	(lb)	2,300
	Payload	(lb)	
	Gross	(lb)	
Loading height		(in.)	53½
Ground clearance		(in.)	
Tires	Operating		4
	Ply		12
	Size		10.00 x 22
Brakes			
Towing tractor	Truck tractor, 7½-ton		6 x 6
Shipping dimensions	(cu ft) 250	(sq ft)	

ADDITIONAL DATA

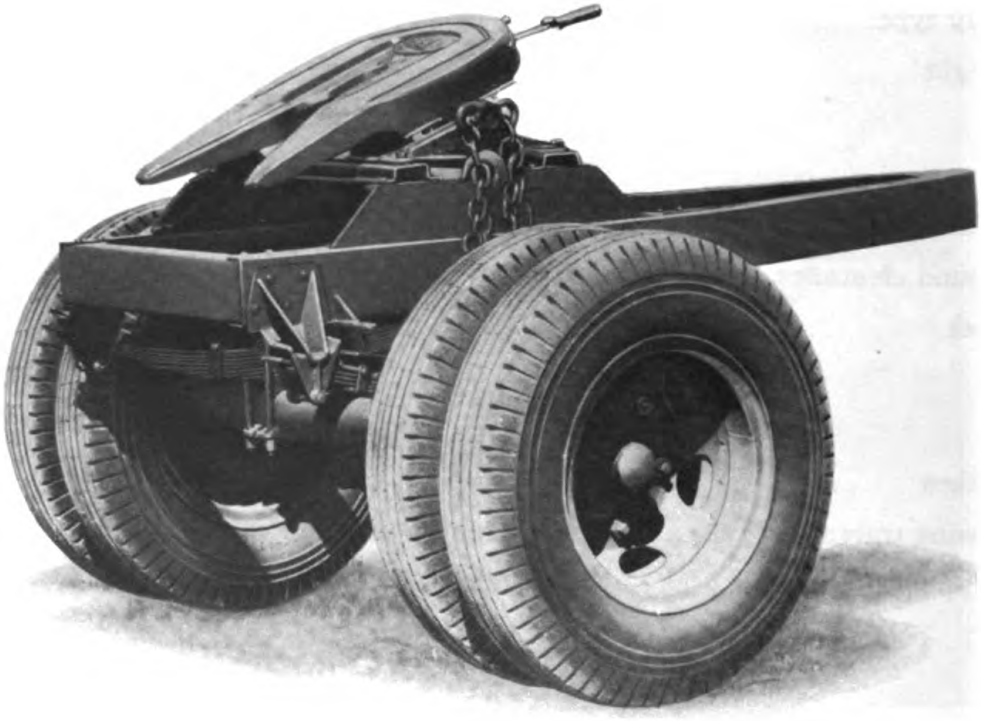
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STANDARD MILITARY MOTOR VEHICLES

DOLLY, TRAILER CONVERTER, FUEL SERVICING, TYPE F 2 OR F 2A

Technical Manuals: Parts List:

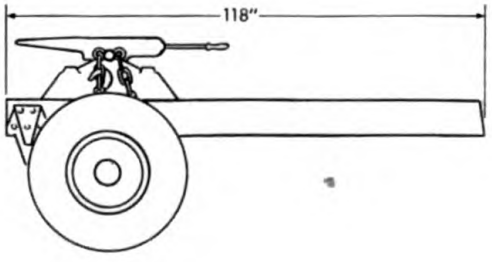
Manufacturers:

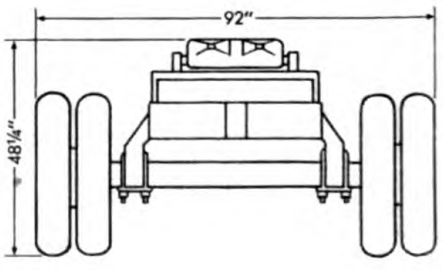


RA PD 309085

Classification: Standard

Purpose: Used by the Army Air Forces to convert instrument semitrailer to full trailer so that it can be towed by any Army prime mover.





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SECTION XVII—DOLLIES

DOLLY, TRAILER CONVERTER, FUEL SERVICING, TYPE F 2 OR F 2A

GENERAL DATA

Body type			
Weight	Net	(lb)	2,550
	Payload	(lb)	15,000
	Gross	(lb)	17,550
Loading height		(in.)	48 1/2
Ground clearance		(in.)	
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			
Towing tractor			
Shipping dimensions	(cu ft)		(sq ft)

ADDITIONAL DATA

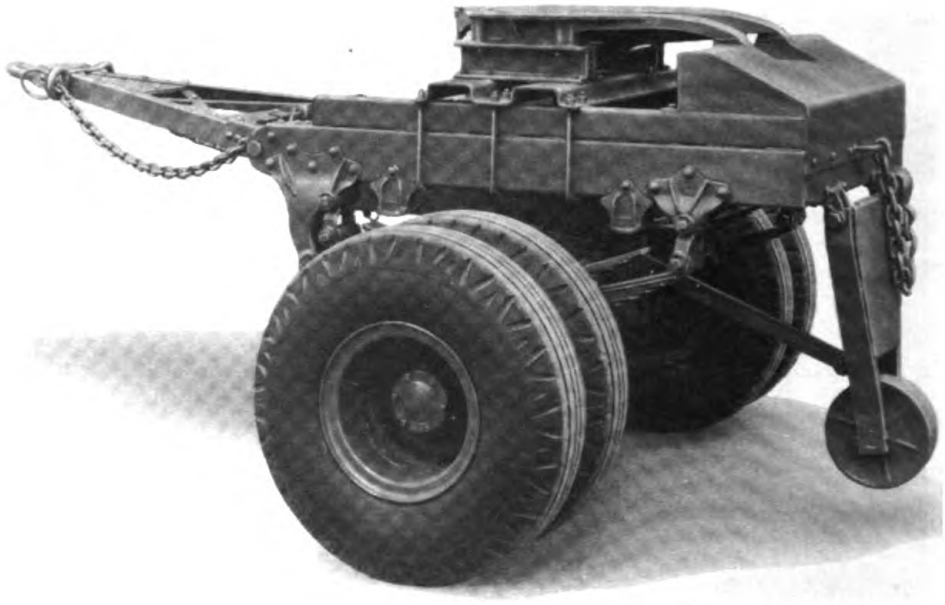
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STANDARD MILITARY MOTOR VEHICLES

DOLLY, TRAILER CONVERTER, WRECKING, TYPE C-2

Technical Manuals: Parts List:

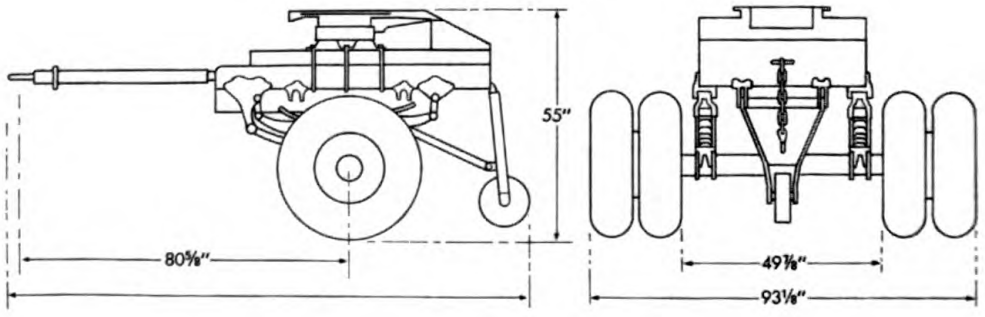
Manufacturer: Trailer Company of America.



RA PD 309073

Classification: Standard

Purpose: Used by Army Air Forces to convert semitrailer to full trailer so it can be towed by any Army prime mover.



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SECTION XVII—DOLLIES

DOLLY, TRAILER CONVERTER, WRECKING, TYPE C-2

GENERAL DATA

Body type			
Weight	Net	(lb)	2,485
	Payload	(lb)	14,000
	Gross	(lb)	16,485
Loading height		(in.)	55
Ground clearance		(in.)	
Tread		(in.)	
Tires	Operating		4
	Ply		12
	Size		10.00 x 15
Brakes			
Towing tractor	Truck tractor wrecker, type C-2		
Shipping dimensions	(cu ft) 256	(sq ft)	

ADDITIONAL DATA

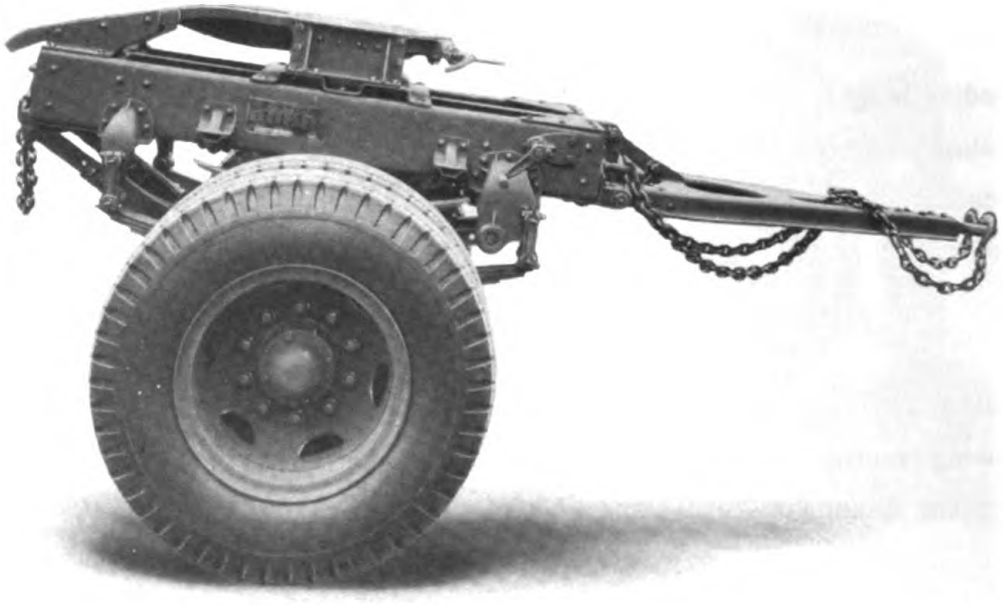
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STANDARD MILITARY MOTOR VEHICLES

DOLLY, TRAILER CONVERTER, TECHNICAL SUPPLY, FIELD SHOP AND INSTRUMENT SHOP

Technical Orders: Parts Lists:

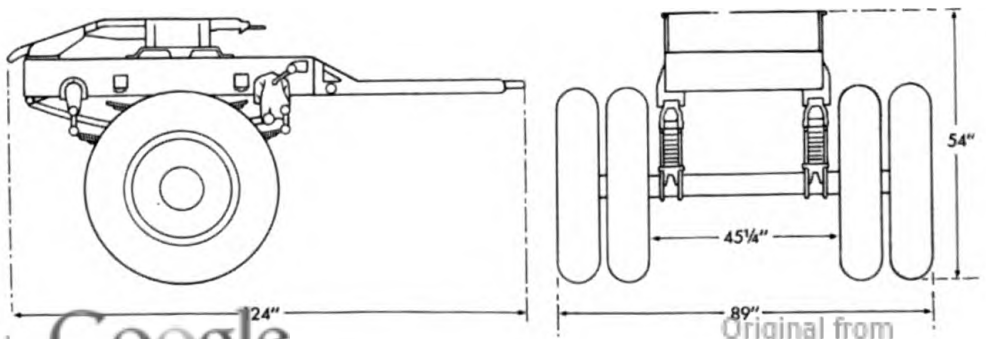
Manufacturer: Fruehauf Trailer Co.



RA PD 309079

Classification: Standard

Purpose: Used by Army Air Forces to convert a semitrailer to a full trailer (4-wheel).



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SECTION XVII—DOLLIES

DOLLY, TRAILER CONVERTER, TECHNICAL SUPPLY, FIELD SHOP AND INSTRUMENT SHOP

GENERAL DATA

Body type			
Weight	Net	(lb)	2,760
	Payload	(lb)	16,000
	Gross	(lb)	18,760
Loading height		(in.)	
Ground clearance		(in.)	17½
Tread		(in.)	
Tires	Operating		4
	Ply		10
	Size		9.00 x 20
Brakes			Air
Towing tractor			Truck, 4-5 ton, 4 x 4
Shipping dimensions	(cu ft) 364	(sq ft) 69	
	(cu ft) disassembled		202

ADDITIONAL DATA

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STANDARD MILITARY MOTOR VEHICLES

DOLLY, 2-WHEEL, D.T., PONTON

Technical Manual: TM 5-9016 Parts List:

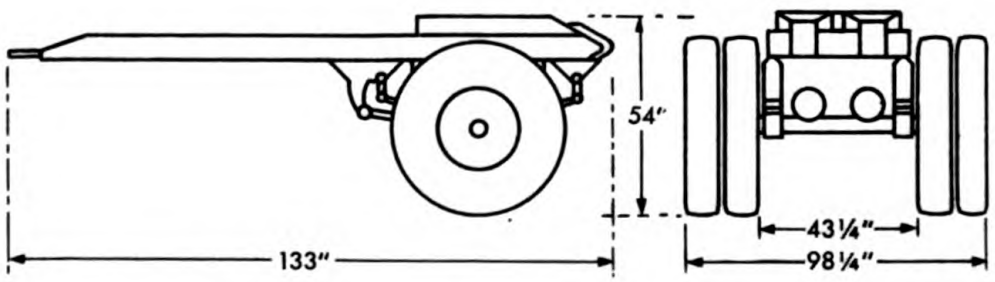
Manufacturer: Electric Wheel Co.



RA PD 309004

Classification: Standard

Purpose: Used by Corps of Engineers to convert semitrailer into four-wheel trailer.



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SECTION XVII—DOLLIES

DOLLY, 2-WHEEL, D.T., PONTON

GENERAL DATA

Body type			Dolly
Weight	Net	(lb)	3,600
	Payload	(lb)	
	Gross	(lb)	
Loading height, empty		(in.)	54
Ground clearance		(in.)	$18\frac{11}{16}$
Tread		(in.)	$70\frac{3}{4}$
Tires	Operating		4
	Ply		14
	Size		12.00 x 20
Brakes			Air
Towing tractor			
Shipping dimensions	(cu ft) 425		(sq ft) 94

ADDITIONAL DATA

33-inch rigid-mounted semiautomatic fifth wheel.

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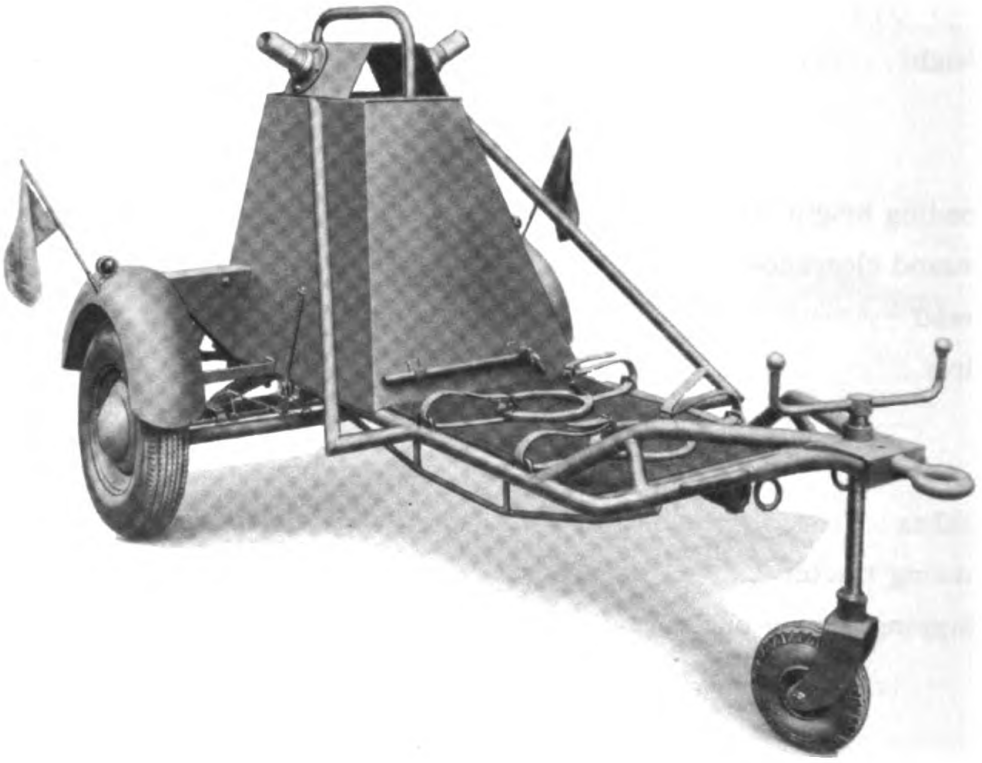
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STANDARD MILITARY MOTOR VEHICLES

DOLLY, PROPELLER, TYPE C-1A

Technical Manuals: Parts List:

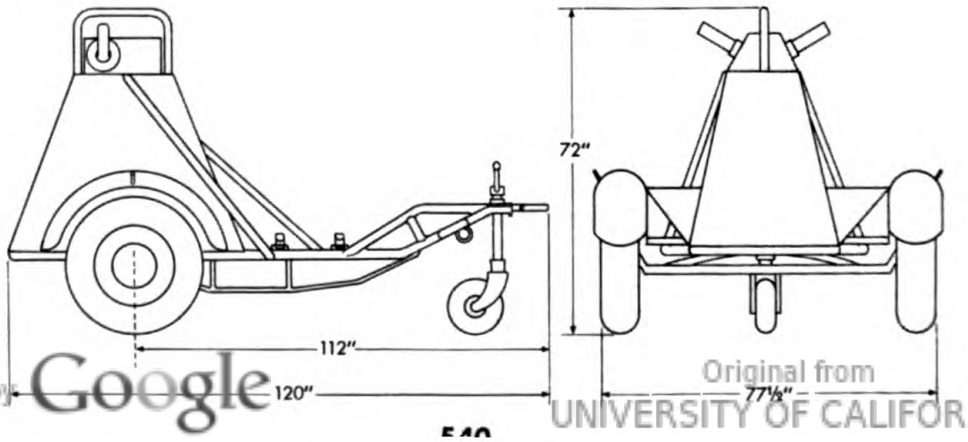
Manufacturer: General Bronze Corp.



RA PD 309061

Classification: Standard

Purpose: Used by Army Air Forces to transport 3- or 4-blade propellers up to 14 feet in diameter.



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SECTION XVII—DOLLIES

DOLLY, PROPELLER, TYPE C-1A

GENERAL DATA

Body type			Special
Weight	Net	(lb)	1,207
	Payload	(lb)	1,200
	Gross	(lb)	2,407
Loading height		(in.)	70
Ground clearance			
Tread			
Tires	Operating		2
	Ply		6
	Size		6.50 x 16
Brakes			
Towing tractor			Any Army truck
Shipping dimensions	(cu ft) 420		(sq ft)

ADDITIONAL DATA

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NOMENCLATURE	Vehicle classification (see par. 3, AR 850-15)	MAINTENANCE				STORAGE AND ISSUE			Page Number
		Parts Procurement		Third Echelon and Higher		Vehicle	Maintenance Parts		
		Chassis	Body	Chassis	Body		Chassis	Body	
Signal Corps									
Truck, ½-ton, 4 x 2, telephone maintenance	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	
Truck, ½-ton, 4 x 4, light maintenance and installation K-50	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	170
Truck, ¾-ton, 4 x 4, light maintenance and installation K-50	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	170
Truck, 1½-ton, 4 x 4, K-18	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	
Truck, 1½-ton, 4 x 2, telephone maintenance and construction w/w	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	
Truck, 1½-ton, 4 x 4, combination stake and platform, K-33	SE	Ord	Ord	Ord	Ord	SC	Ord	Ord	202
Truck, 1½-ton, 4 x 4, combination stake and platform, K-54	SE	Ord	Ord	Ord	Ord	SC	Ord	Ord	202
Truck, 1½-ton, 4 x 4, earth borer and pole setter, K-44	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	208
Truck, 1½-ton, 4 x 4, panel delivery, K-51	SE	Ord	Ord	Ord	Ord	SC	Ord	Ord	216
Truck, 1½-ton, 4 x 4, panel delivery, K-70	SE	Ord	Ord	Ord	Ord	SC	Ord	Ord	
Truck, 1½-ton, 4 x 4, telephone construction and maintenance wo/w, K-42	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	218
Truck, 1½-ton, 4 x 4, telephone construction and maintenance w/w, K-3	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	218
Truck, 2½-ton, 4 x 2, telephone construction	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	
Truck, 2½-ton, 6 x 6, van, K-53	SE	Ord	SC	Ord	Ord	SC	Ord	Ord	272
Truck, 2½-ton, 6 x 6, van, K-57	SE	Ord	SC	Ord	Ord	SC	Ord	Ord	274
Truck, 2½-ton, 6 x 6, van, K-59	SE	Ord	SC	Ord	Ord	SC	Ord	Ord	
Truck, 2½-ton, 6 x 6, van, K-60	SE	Ord	SC	Ord	Ord	SC	Ord	Ord	274
Truck, 2½-ton, 6 x 6, van, K-61	SE	Ord	SC	Ord	Ord	SC	Ord	Ord	
Trailer, ¼-ton, 2-wheel, telephone cable splicer, K-38	SP	Ord	Ord	Ord	Ord	SC	Ord	Ord	384
Trailer, ½-ton, 2-wheel, mobile communication, K-19	SP	Ord	Ord	Ord	Ord	SC	Ord	Ord	392
Trailer, 1-ton payload, 2-wheel, house, K-29	SP	SC	SC	Ord	Ord	SC	Ord	Ord	
Trailer, 1-ton payload, 2-wheel, cargo, K-52	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	394
Trailer, 1-ton payload, 2-wheel, cargo, K-63	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	Ord	394
Trailer, 1-ton payload, 2-wheel, pigeon loft, PG-45	SP	SC	SC	Ord	Ord	SC	Ord	Ord	398
Trailer, 1½-ton payload, 2-wheel, photographic, K-45	SP	SC	SC	Ord	Ord	SC	Ord	Ord	

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Trailer, 1½-ton payload, 4-wheel, K-65	SP	SC de to Ord	SC de to Ord	Ord	Ord	SC	Ord	402
Trailer, 2-ton payload, 2-wheel, telephone construction and pole hauling, K-36	SP	SC de to Ord	Ord	Ord	Ord	SC	Ord	410
Truck, 4-5 ton, 4 x 4, tractor, K-32	GP	Ord	Ord	Ord	Ord	SC	Ord	
Truck, 4-5 ton, 4 x 4, van, K-30	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	
Truck, 4-5 ton, 4 x 4, van, K-31	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	
Truck, 5-6 ton, 4 x 4, van, K-30	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	
Truck, 5-6 ton, 4 x 4, van, K-31	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	
Truck, 5-6 ton, 4 x 4, van, K-62	SE	Ord	SC de to Ord	Ord	Ord	SC	Ord	
Truck, 6-ton, 6 x 6, van, K-56	SE	Ord	SC	Ord	Ord	SC	Ord	402
Trailer, 6-ton gross, 4-wheel, house type, K-35	SP	SC	SC	Ord	Ord	SC	Ord	434
Trailer, 4-ton payload, 2-wheel, antenna mount, K-64	SP	SC	SC	Ord	Ord	SC	Ord	434
Trailer, 4-ton payload, 2-wheel, antenna mount, K-22	SP	SC	SC	Ord	Ord	SC	Ord	436
Trailer, 4-ton payload, 4-wheel, antenna mount, K-28	SP	SC	SC	Ord	Ord	SC	Ord	
Trailer, 4-ton payload, 4-wheel, K-39	SP	SC	SC	Ord	Ord	SC	Ord	
Trailer, 4-ton payload, 4-wheel, K-40	SP	SC	SC	Ord	Ord	SC	Ord	
Trailer, 4-ton payload, 4-wheel, K-41	SP	SC	SC	Ord	Ord	SC	Ord	
Trailer, 4-ton payload, 4-wheel, K-49	SP	SC	SC	Ord	Ord	SC	Ord	
Trailer, 4-ton payload, 4-wheel, K-58	SP	SC	SC	Ord	Ord	SC	Ord	420
Trailer, 5-ton payload, 4-wheel, van, K-34	SP	SC	SC	Ord	Ord	SC	Ord	404
Trailer, 5-ton payload, 4-wheel, K-76	SP	SC	SC	Ord	Ord	SC	Ord	
Trailer, 5-ton payload, 2-wheel, K-37, telephone construction combination cable hauler	SP	SC de to Ord	SC de to Ord	Ord	Ord	SC	Ord	418
Trailer, 10-ton gross, 4-wheel, antenna mount and operating cab, K-75	SP	SC	SC	Ord	Ord	SC	Ord	438
Trailer, 5-ton payload, 4-wheel, K-77	SP	SC	SC	Ord	Ord	SC	Ord	404
Semitrailer, 1½-ton payload, van, K-55	SP	SC de to Ord	SC de to Ord	Ord	Ord	SC	Ord	460
Semitrailer, 4-ton payload, 2-wheel, antenna mount, K-71	SP	SC	SC	Ord	Ord	C	Ord	
Semitrailer, 6-ton gross, 2-wheel, K-67	SP	SC	SC	Ord	Ord	SC	Ord	468
Semitrailer, 7-ton gross, K-72	SP	SC de to Ord	SC de to Ord	Ord	Ord	SC	Ord	470
Semitrailer, 13-ton gross, K-78	SP	SC	SC	Ord	Ord	SC	Ord	504
Quartermaster Corps								
Truck, 2½-ton, 6 x 6, sales commissary	SE	Ord	QMC de to Ord	Ord	Ord	QMC	Ord	
Truck, 5-ton, 4 x 2, refrigerator	SE	Ord	QMC de to Ord	Ord	Ord	QMC	Ord	
Semitrailer, 10-ton gross, 2-wheel, sterilizer and bath	SP	QMC	QMC	Ord	Ord	QMC	Ord	494
Semitrailer, 10-ton gross, 2-wheel, clothing repair	SP	QMC	QMC	Ord	Ord	QMC	Ord	480
Semitrailer, 10-ton gross, 2-wheel, laundry	SP	QMC	QMC	Ord	Ord	QMC	Ord	486
Semitrailer, 10-ton gross, 2-wheel, shoe repair	SP	QMC	QMC	Ord	Ord	QMC	Ord	492
Semitrailer, 10-ton gross, 2-wheel, textile repair	SP	QMC	QMC	Ord	Ord	QMC	Ord	498

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NOMENCLATURE	Vehicle classification (see par. 3, AR 850-15)	MAINTENANCE				STORAGE AND ISSUE			Page Number
		Parts Procurement		Third Echelon and Higher		Vehicle	Maintenance Parts		
		Chassis	Body	Chassis	Body		Chassis	Body	
Semitrailer, 10-ton gross, 2-wheel, refrigerator	SP	QMC	QMC	Ord	Ord	QMC	Ord	Ord	474
Semitrailer, 15-ton gross, 2-wheel, refrigerator	SP	QMC	QMC	Ord	Ord	QMC	Ord	Ord	
Chemical Warfare Service									
Truck, 1½-3-ton, 4 x 4, bus body	SE	Ord	Ord	Ord	Ord	CWS	Ord	Ord	
Apparatus, decontaminating, power-driven, M-3-A-1 (chassis 2½-ton, 6 x 6)	SE	Ord	CWS	Ord	CWS**	CWS	Ord	CWS**	240
Truck, chemical service M1 (chassis 2½-ton, 6 x 6)	SE	Ord	Ord	Ord	CWS**	CWS	Ord	Ord	250
Truck, crane, swinging boom, M-1 (chassis 4-ton, 6 x 6, SWB)	SE	Ord	CWS	Ord	Ord	CWS	Ord	Ord	286
Trailer, chemical handling, M-2, 4-ton payload, 4-wheel	SP	CWS	CWS	Ord	Ord	CWS	Ord	Ord	416
Trailer, chemical service, M-1 (4-ton payload, 4-wheel)	SP	CWS	CWS	Ord	Ord	CWS	Ord	Ord	416
Tractor, crane (wheeled)	SP	CWS	CWS	Ord	Ord	CWS	Ord	Ord	
Medical Corps									
Truck, 2½-ton, 6 x 6, surgical	SE	Ord	Med de to Ord	Ord	Ord	Med	Ord	Ord	270
Corps of Engineers									
Trailer, 2-ton tandem axle searchlight	SP	Engr	Engr	Engr	Engr	Engr	Engr	Engr	408
Trailer, full, flat bed, 8-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	426
Trailer, full, flat bed, 16-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	428
Trailer, full, low bed, 20-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	430
Trailer, 2-wheel, utility, pole type, 2½-ton, types I, II, III, IV, and V	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	414
Trailer, platform, low bed, 60-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	
Trailer, fire pumper, 2-wheel, 500 gpm, class 1000	SE	Ord	Ord	Ord	Ord	Engr	Ord	Ord	444
Trailer, fire crash, 2-wheel, high pressure, class 1010	SE	Ord	Engr	Ord	Ord	Engr	Ord	Ord	446
Searchlight, 24-inch, complete with power plant, trailer-mounted	SP	Engr	Engr	Engr	Engr	Engr	Engr	Engr	
Welding equipment, electric arc, 300 amp., trailer-mounted	SP	Engr	Engr	Engr	Engr	Engr	Engr	Engr	
Dolly, 2-wheel, dt, ponton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	538

**Ordnance stores parts for maintenance of engine of power-driven decontaminating apparatus.

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Power plant, trailer-mounted, 5 kw	SP	Engr	Engr	Engr	Engr	Engr	Engr	Engr	
Semitrailer, ponton, 10-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	510
Semitrailer, ponton, 25-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	512
Semitrailer, flat bed with dolly, 20-ton	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	508
Tank, water, semitrailer, mounted, 1,500-gallon	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	518
Reproduction equipment, camera section, 24 x 30, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, combination section A, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, combination section B, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, camera section, 24 x 24 semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, photographic section, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, plate grainer section, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, plate process section, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, laboratory section, semitrailer, mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, press section, 20 x 22½, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, press section, 22 x 29, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	476
Reproduction equipment, camera section, 24 x 24, semi-trailer mounted, 2½-ton, w/van b dy	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	462
Reproduction equipment, press section, 17 x 19, semi-trailer mounted, 10-ton, w/van body	SP	Engr	Engr	Ord	Ord	Engr	Ord	Ord	462
Crane, gasoline, engine driven, truck-mounted, ⅜-cubic yard bucket (chassis 6-ton, 6 x 6)	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	304
Truck, powered, fire, crash, class 135	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	186
Truck, 6-ton, 6 x 6, 4b, bridge construction	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	302
Compressor, air, gasoline engine driven, truck-mounted, 105 CFM, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	238
Auger, earth, gasoline engine powered, motorized M-2, 1½-ton, 4 x 4	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	206
Distributor, bituminous, truck-mounted, 800-gallon, 4-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	296
Shop, motorized, general purpose, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	268

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NOMENCLATURE	Vehicle classification (see par. 3, AR 850-15)	MAINTENANCE				STORAGE AND ISSUE			Page Number
		Parts Procurement		Third Echelon and Higher		Vehicle	Maintenance Parts		
		Chassis	Body	Chassis	Body		Chassis	Body	
Shop, motorized, emergency repair, ¾-ton, 4 x 4	SE	Ord	Engr	Ord	Ord	Engr	Ord	Ord	168
Shop, motorized, electrical repair, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	268
Shop, motorized, machine shop, light, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	268
Shop, motorized, machine shop, heavy, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	268
Shop, motorized, small tool repair, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	268
Shop, motorized, tool and bench, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	268
Distributor, water, truck, mounted, 1,000 GM 4-ton, 6 x 6	SE								288
Tank, bituminous supply steel, truck-mounted, 800-gallon, 4-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	296
Water purification unit, mobile, 2½-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	276
Reproduction equipment camera section, 24 x 24, 4-ton, 6 x 6, standard truck chassis w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	292
Reproduction equipment laboratory section, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Reproduction equipment map lay-out section, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Reproduction equipment photographic section, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Reproduction equipment, plate grainer section, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Reproduction equipment, plate process section, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Reproduction equipment, press section, 20 x 22½, motorized, 4-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	292
Reproduction equipment, press section, 20 x 29, motorized, 4-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	292
Reproduction equipment, camera section, 24 x 24, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Reproduction equipment, press section, 20 x 22½, motorized, 2½-ton, 6 x 6, standard truck chassis, w/van body	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	256
Truck, powered, fire pumper, class 500 (500 gpm)	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	186
Truck, powered, fire pumper, class 525 (500 gpm)	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	186
Truck, powered, fire pumper, type A, oversea, class 325	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	186

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Truck, powered, fire, brush, class 300 (300 gpm)	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	186
Truck, powered, fire, crash, class 110 (Co. 2)	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	
Truck, powered, fire, crash, class 125	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	186
Compressor, air, motorized, chassis 1½-ton to 3-ton, 4 x 4	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	
Truck, 2½-ton, 6 x 6 earth auger	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	
Truck, 5-6-ton, 4 x 4 tractor ponton	SE	Ord	Engr	Ord	Ord	Engr	Ord	Ord	326
Truck, 5-6-ton, 4 x 4 tractor, topographical	SE	Ord	Engr	Ord	Ord	Engr	Ord	Ord	326
Truck, powered, fire, class 155, 5-ton, 6 x 6	SE	Ord	Engr	Ord	Engr	Engr	Ord	Engr	
Truck, powered, fire crash, 7½-ton, 6 x 6	SP	Engr	Ebgr	Ord	Engr	Engr	Ord	Engr	
Army Air Forces									
Trailer, fuel servicing, type A-2-A-220-gallon (airborne)	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	454
Trailer, fuel servicing, 600-gallon, A-1 and A-3, 2-wheel	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	452–454
Trailer, 2-wheel, office	SP	AAF	AAF	Ord	Ord	AAF	Ord	Ord	
Trailer, laboratory, photo type A-1, 2-wheel	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	440
Trailer, laboratory, photo type A-2, 2-wheel	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	442
Truck, 1½-ton, 4 x 4, field lighting, J–3, J–4, J–5	SE	Ord	AAF	Ord	AAF	AAF	Ord	AAF	210–212
Truck, 1½-ton, 4 x 4, turret trainer, E–5	SE	Ord	AAF	Ord	AAF	AAF	Ord	AAF	220
Truck, 2½-ton, 4 x 4, oil servicing, type L–1	SE	Ord	AAF	Ord	AAF	AAF	Ord	AAF	232
Truck, 2½-ton, 6 x 6, oil servicing, 600-gallon, L–2	SE	Ord	AAF	Ord	AAF	AAF	Ord	AAF	258
Truck, 2½-ton, 6 x 6, fuel servicing, or oil, 750-gallon, F–3	SE	Ord	AAF	Ord	AAF	AAF	Ord	AAF	254
Truck, 7½-ton, 6 x 6, fuel servicing (tractor), F–1	SP	AAF	AAF	Ord	AAF	AAF	Ord	AAF	328
Truck, 7½-ton, 6 x 6, wrecking, C–2 (tractor)	SP	AAF	AAF	Ord	AAF	AAF	Ord	AAF	330
Dolly trailer converter, fuel servicing, 2-wheel, type F–2 or F–1A	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	530
Dolly trailer converter, fuel servicing, 2-wheel, type F–2 or F–2A	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	532
Dolly trailer, technical supply, field shop and instrument shop	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	536
Dolly trailer, wrecking, C-2, 2-wheel	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	534
Semitrailer, 2-wheel, 10-ton gross, field shop repair, type A-3	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	484
Semitrailer, 2-wheel, fuel servicing, 2,000-gallon, F–2 or F–2A	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	520–522
Semitrailer, 2-wheel, 6-ton payload, instrument shop	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	472
Semitrailer, 2-wheel, 10-ton gross, photo laboratory, types N–1–2–3	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	490
Semitrailer, 2-wheel, 10-ton gross, technical supply	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	496
Semitrailer, 4-wheel, 15-ton payload, carry-all	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	506

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NOMENCLATURE	Vehicle classification (see par. 3, AR 850-15)	MAINTENANCE				STORAGE AND ISSUE			Page Number
		Parts Procurement		Third Echelon and Higher		Vehicle	Maintenance Parts		
		Chassis	Body	Chassis	Body		Chassis	Body	
Semitrailer, 4-wheel, fuel servicing, 4,000-gallon, F–1 or F–1A	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	524–526
Semitrailer, 4-wheel, 10-ton gross, oxygen generator	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	
Semitrailer, 4-wheel, wrecking, 40-foot, type C–2	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	516
Semitrailer, 4-wheel, wrecking, 25-foot, type C–2	SP	AAF	AAF	AAF	AAF	AAF	AAF	AAF	514
Tractor, medium (track-laying), high speed, M–2, prime mover	SP	Ord	Ord	AAF	AAF	AAF	AAF	AAF	344
Tractor, crane, medium (track-laying), 6-ton, T–1, prime mover	SP	Ord	Ord	AAF	AAF	AAF	AAF	AAF	
Tractor, medium (track-laying), 2-ton crane, T–1, prime mover	SP	Ord	Ord	AAF	AAF	AAF	AAF	AAF	
Ordnance Department									
Ambulance, metropolitan	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	358
Ambulance, ½-ton, 4 x 4	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	354
Ambulance, ¾-ton, 4 x 4	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	356
Ambulance, 1½-ton, 4 x 2 field	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	360
Bus, passenger, 25-passenger	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	364
Bus, passenger, 40-passenger	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	368
Bus, passenger, 33-passenger	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Bus, sedan, converted, 15-passenger	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	362
Bus, commercial type, 20- to 29-passenger	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	366
Bus, semitrailer, converted, 40- to 45-passenger	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	370
Cars, armored, all types	C	Ord	Ord	Ord	Ord	Ord	Ord	Ord	16–23
Cars, scout	C	Ord	Ord	Ord	Ord	Ord	Ord	Ord	24
Cars, 5-passenger light sedan	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	372
Cars, 5-passenger medium sedan	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	374
Carriers, half-tracks, all types	C	Ord	Ord	Ord	Ord	Ord	Ord	Ord	26–45
Carriages, self-propelled, artillery, all types	C	Ord	Ord	Ord	Ord	Ord	Ord	Ord	46–87
Scooters, all types	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	380
Truck, ¼-ton, 4 x 4, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	136
Truck, ¼-ton, 4 x 4, amphibian	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	6

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Truck, 1/2-ton, 4 x 2, ammunition	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1/2-ton, 4 x 2, canopy express	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	140
Truck, 1/2-ton, 4 x 2, carry-all	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	138
Truck, 1/2-ton, 4 x 2, C. S. & P.	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1/2-ton, 4 x 2, panel delivery	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	144
Truck, 1/2-ton, 4 x 2, pick-up	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	142
Truck, 1/2-ton, 4 x 2, sedan, delivery	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1/2-ton, 4 x 4, carry-all	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	146
Truck, 1/2-ton, 4 x 4, command-reconnaissance w & wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	148
Truck, 1/2-ton, 4 x 4, emergency repair	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	150
Truck, 1/2-ton, 4 x 4, panel delivery	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	152
Truck, 1 1/2-3-ton, 4 x 4, automotive repair, M-2	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 1/2-ton, 4 x 4, pick-up, w & wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	154
Truck, 1/2-ton, 4 x 4, radio	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	156
Truck, 3/4-ton, 4 x 2, panel delivery	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	160
Truck, 3/4-ton, 4 x 2, pick-up	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	162
Truck, 3/4-ton, 4 x 4, carry-all	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	164
Truck, 3/4-ton, 4 x 4, command, w & wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	166
Truck, 3/4-ton, 4 x 4, emergency repair	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	168
Truck, 3/4-ton, 4 x 4, weapons carrier, w & wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	172
Truck, 1 1/2-ton, 4 x 2, canopy express	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	174
Truck, 1 1/2-ton, 4 x 2, pick-up	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	176
Truck, 1 1/2-ton, ammunition body	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1 1/2-ton, 4 x 2, canopy express	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	182
Truck, 1 1/2-ton, 4 x 2, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	180
Truck, 1 1/2-ton, 4 x 2, combination stake and platform	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	178
Truck, 1 1/2-ton, 4 x 2, dump	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	184
Truck, 1 1/2-3-ton, 4 x 4, machine shop, M-4	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 1 1/2-ton, 4 x 2, explosives	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1 1/2-ton, 4 x 2, panel delivery	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	188
Truck, 1 1/2-ton, 4 x 2, refuse collector, G-W	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1 1/2-ton, 4 x 2, pick-up	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	190
Truck, 1 1/2-ton, 4 x 2, recruiting	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 1 1/2-ton, 4 x 2, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	314
Truck, 1 1/2-ton, 4 x 4, bomb service, M-6	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	194
Truck, 1 1/2-ton, 4 x 4, cargo w & wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	196
Truck, 1 1/2-ton, 4 x 4, C. O. E., S. & P. Body, 15-feet	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	200
Truck, 1 1/2-ton, 4 x 4, C. S. & P.	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	198
Truck, 1 1/2-ton, 4 x 4, dump w & wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	204
Truck, 1 1/2-ton, 4 x 4, panel delivery	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	214

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NOMENCLATURE	Vehicle classification (see par. 3, AR 850-15)	MAINTENANCE				STORAGE AND ISSUE			Page Number
		Parts Procurement		Third Echelon and Higher		Vehicle	Maintenance Parts		
		Chassis	Body	Chassis	Body		Chassis	Body	
Truck, 1 1/2-ton, 4 x 4, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	316
Truck, 1 1/2-ton, 6 x 6, cargo and personnel carrier	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	222
Truck, 1 1/2-3-ton, 4 x 4, artillery, repair, M-2 and M-1	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 1 1/2-3-ton, 4 x 4, instrument repair, M-1	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 1 1/2-3-ton, 4 x 4, small arms repair, M-1	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 1 1/2-3-ton, 4 x 4, spare parts, M-2	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 1 1/2-3-ton, 4 x 4, tank maintenance, M-1	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	224
Truck, 2 1/2-ton, 4 x 2, ammunition	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, canopy express	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	226
Truck, 2 1/2-ton, 4 x 2, chassis only	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, C. S. & P.	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	228
Truck, 2 1/2-ton, 4 x 2, dump	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	230
Truck, 2 1/2-ton, 4 x 2, explosives	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, tank, 1,000-gallon, fuel and oil	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, tank, 1,000-gallon, water	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	318
Truck, 2 1/2-ton, 4 x 2, utility w hoist and buckets	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, van	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 2, load packer	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 4 x 4, tractor	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	320
Truck, 2 1/2-ton, 6 x 4, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	322
Truck, 2 1/2-ton, 6 x 4, cargo w and wo w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	234
Truck, 2 1/2-ton, 6 x 6, amphibian	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	8
Truck, 2 1/2-ton, 6 x 6, artillery repair, M-9	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 6 x 6, automotive repair, M-8	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 2 1/2-ton, 6 x 6, cargo, LWB w/and wo/w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	242
Truck, s 1/2-ton, 6 x 6, cargo, SWB w/and wo/w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	246
Truck, 2 1/2-ton, 6 x 6, cargo, C.O.E. 15-foot body wo/w	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	248
Truck, 2 1/2-ton, 6 x 6, dump, LWB w/and wo/w	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	252
Truck, 2 1/2-ton, 6 x 6, electrical repair, M 18	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 2 1/2-ton, 6 x 6, instrument repair, M 10	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 2 1/2-ton, 6 x 6, machine shop, M 16	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	260

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SECTION XVIII—CHART OF RESPONSIBILITIES

Truck, 2½-ton, 6 x 6, small arms repair, M–7	SE	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 2½-ton, 6 x 6, spare parts	SE	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 2½-ton, 6 x 6, stock rack	GP	Ord	Ord	Ord	Ord	Ord	Ord	262
Truck, 2½-ton, 6 x 6, tank, gasoline, 750-gallon	SE	Ord	Ord	Ord	Ord	Ord	Ord	264
Truck, 2½-ton, 6 x 6, tank, water, 700-gallon	SE	Ord	Ord	Ord	Ord	Ord	Ord	266
Truck, 2½-ton, 6 x 6, tool and bench, M–13	SE	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 2½-ton, 6 x 6, welding, M-12A1	SE	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 2½-ton, 6 x 6, instrument bench, M–23	SE	Ord	Ord	Ord	Ord	Ord	Ord	260
Truck, 4-ton, 6 x 6, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	284
Truck, 4-ton, 6 x 6, cargo, LWB	GP	Ord	Ord	Ord	Ord	Ord	Ord	282
Truck, 4-ton, 6 x 6, wrecker, w/winch	SE	Ord	Ord	Ord	Ord	Ord	Ord	294
Truck, 4-ton, 6 x 6, dump	GP	Ord	Ord	Ord	Ord	Ord	Ord	290
Truck, 4–5-ton, 4 x 4, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	324
Truck, 5-ton, 4 x 2, ammunition	SP	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 5-ton, 4 x 2, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 5-ton, 4 x 2, C. S. and P.	GP	Ord	Ord	Ord	Ord	Ord	Ord	298
Truck, 5-ton, 4 x 2, dump	GP	Ord	Ord	Ord	Ord	Ord	Ord	300
Truck, 5-ton, 4 x 2, explosives	SE	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 5-ton, 4 x 2, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	
Truck, 5–6-ton, 4 x 4, tractor, w/w	GP	Ord	Ord	Ord	Ord	Ord	Ord	326
Truck, 6-ton, 6 x 6, prime mover, w/w	GP	Ord	Ord	Ord	Ord	Ord	Ord	306
Truck, 7½-ton, 6 x 6, prime mover, w/w	SP	Ord	Ord	Ord	Ord	Ord	Ord	302
Truck, 8-ton, 6 x 4, tractor	GP	Ord	Ord	Ord	Ord	Ord	Ord	332
Truck, 10-ton, 6 x 6, heavy wrecker, M–1	SE	Ord	Ord	Ord	Ord	Ord	Ord	312
Truck and trailer, 40-ton, wheeled, tank recovery, T–21	SP	Ord	Ord	Ord	Ord	Ord	Ord	132
Trailer, ¼-ton, 2-wheel, cargo, amphibian	GP	Ord	Ord	Ord	Ord	Ord	Ord	382
Trailer, ½-ton, 2-wheel, van, public address	SP	Ord	Ord	Ord	Ord	Ord	Ord	388
Trailer, ¾-ton, 2-wheel, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	390
Trailer, 1-ton, 2-wheel, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	390
Trailer, 1-ton, 2-wheel, 250-gallon, water	SE	Ord	Ord	Ord	Ord	Ord	Ord	400
Trailer, 1-ton, 2-wheel, 2-horse van	SP	Ord	Ord	Ord	Ord	Ord	Ord	396
Trailer, 1½-ton, 4-wheel, recruiting	SP	Ord	Ord	Ord	Ord	Ord	Ord	
Trailer, armored, 2-wheel, M–8	SP	Ord	Ord	Ord	Ord	Ord	Ord	450
Trailer, bomb, M–5	SP	Ord	Ord	Ord	Ord	Ord	Ord	448
Trailer, plotting room, M–4	SP	Ord	Ord	Ord	Ord	Ord	Ord	
Trailer, 6-ton, Athey, track-laying	GP	Ord	Ord	Ord	Ord	Ord	Ord	422–424
Trailer, 20-ton, Athey, track-laying	GP	Ord	Ord	Ord	Ord	Ord	Ord	432
Semitrailer, 6-ton gross, 2-wheel, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	
Semitrailer, 6-ton gross, 2-wheel, dump	GP	Ord	Ord	Ord	Ord	Ord	Ord	
Semitrailer, 6-ton gross, 2-wheel, stake and platform	GP	Ord	Ord	Ord	Ord	Ord	Ord	466

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STANDARD MILITARY MOTOR VEHICLES

NOMENCLATURE	Vehicle classification (see par. 3, AR 850-15)	MAINTENANCE				STORAGE AND ISSUE			Page Number
		Parts Procurement		Third Echelon and Higher		Vehicle	Maintenance Parts		
		Chassis	Body	Chassis	Body		Chassis	Body	
Semitrailer, 6-ton gross, 2-wheel, van	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	464
Semitrailer, 2-wheel, combination animal and cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	482
Semitrailer, 7-ton (PL), 10-ton gross, cargo	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	500
Semitrailer, 10-ton gross, 2-wheel, van	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	478
Semitrailer, 10-ton gross, 2-wheel mobile record unit	SE	Ord	Ord	Ord	Ord	Ord	Ord	Ord	488
Semitrailer, 12-ton gross, 2-wheel low platform	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	502
Semitrailer, 16-ton gross, 4-wheel tandem, van	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Tanks, all types	C	Ord	Ord	Ord	Ord	Ord	Ord	Ord	88–125
Tractor, crane, 1-ton, M–1	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Tractor, light (track-laying)	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	340
Tractor, medium (track-laying)	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Tractor, heavy (track-laying)	SP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Motorcycles, solo, chain driven, 45 cubic inches	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	376
Motorcycles, solo, shaft drive	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	
Motorcycles, w/side car, chain driven	GP	Ord	Ord	Ord	Ord	Ord	Ord	Ord	378

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TANK, MEDIUM, M4, AND TANK, MEDIUM, M4 (105-MM HOW.)

Armament: One Gun, 75-mm, M3, or one Howitzer, 105-mm, T8; two Guns, machine, cal. .30 M1919A4 (flexible); one Gun, machine, cal. .50, HB, M2; one Gun, submachine, cal. .45 M1928A1.

Ammunition: 97 rounds, 75-mm or 68 rounds, 105-mm; 300 rounds, cal. .50; 600 rounds, cal. .45; 6,250 rounds, cal. .30; 12 hand grenades.

For further information see pages 106-107.

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