

HEMTT A4

HEAVY EXPANDED MOBILITY TACTICAL TRUCK



OSHKOSH

THE BATTLEFIELD HAS EVOLVED SO SHOULD THE MILITARY VEHICLES THAT LEAD THE WAY

Battles are not won standing still. The climate is always changing. So should the vehicles that are depended on to move troops and supplies where the mission demands. Count on the HEMTT A4 – the next generation of the HEMTT vehicle series. Built to stand up to the evolving challenges in the field, the HEMTT A4 hits the battlefield with significant improvements and advancements in power, maintenance and soldier safety.

Oshkosh Defense has been building some of the toughest, most reliable, most technically-advanced trucks in the world. The same high-quality proven standards of performance and reliability are found in the HEMTT A4. Built with maximum common parts across its variants, the HEMTT A4 soon will take its place as the Army's best performing workhorse.

The 500-hp Caterpillar® C-15 engine offers 55 horse power more than its predecessor, the HEMTT A2. Its Allison® 4500 SP/5-speed automatic transmission, which is rated for 600 hp, offers 1750 lbs. of torque gross input, in order to handle the increased power and torque for the engine upgrade without changing gear ratios. The universal front suspension is consistent among all variants, and the electrical system is a 260A alternator with a 12V accessory system. Major changes and additions to the cab offer even greater soldier comfort and safety:

- LTAS B-kit compliant
- Integrated attachments for armor
- Integrated under cab protection
- Integrated mounting for GPK and machine gun mount
- Heavy-duty cab mounts
- Common cab with PLS A1
- Air conditioning

The full line-up of HEMTT A4 models – cargo variant, a refueler variant, fifth-wheel tractor, a load handling system (LHS) variant, a recovery vehicle with cranes and winches, a light equipment transporter and a guided missile transporter – proves that Oshkosh Defense is ready for any mission.

**THE MODERN BATTLE DICTATES
THAT TROOPS BE ON THE MOVE.
THE HEMTT A4 WILL LEAD THE WAY.**



Specifications, descriptions and illustrations in this literature are as accurate as known at the time of publication but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.



M1120 A4 LHS HEAVY EXPANDED MOBILITY TACTICAL TRUCK WITH LOAD HANDLING SYSTEM

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 40,000 lbs. (18144 kg)

Gross Vehicle Weight Rating (GVWR): 71,000 lbs. (32205 kg)

Gross Combined Weight Rating (GCWR): 109,000 lbs. (49441 kg)

Gross Vehicle Weight Rating w/ Armor: 77,500 lbs. (35153 kg)

Length: 402 in. (10207 mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (3003 mm)

Track: 79 in. (2007 mm)

Wheelbase: 210 in. (5334 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS480

Suspension: Air ride with 4 height control valves

Front - Holland ADS-240

Rear - Holland AD-246

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12-volt accessory

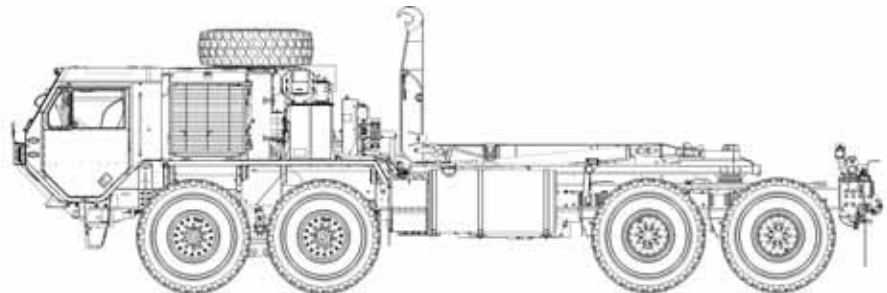
Brakes: Drum type • air actuated S-Cam • ABS/ATC

Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional

Load Handling System: OTC/Multilift • 26,000 lbs. incl. FR



M977 A4 CARGO TRUCK

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 42,500 lbs. (19278 kg)

Gross Vehicle Weight Rating (GVWR): 69,000 lbs. (31298 kg)

Gross Combined Weight Rating (GCWR): 109,000 lbs. (49441 kg)

Gross Vehicle Weight Rating w/ Armor: 75,500 lbs. (34246 kg)

Length: 409 in. (10389 mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (3003 mm)

Track: 79 in. (2007 mm)

Wheelbase: 210 in. (5334 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS480

Suspension: Air ride with 4-height control valves

Front - Holland ADS-240

Rear - Holland AD-246

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12-volt accessory

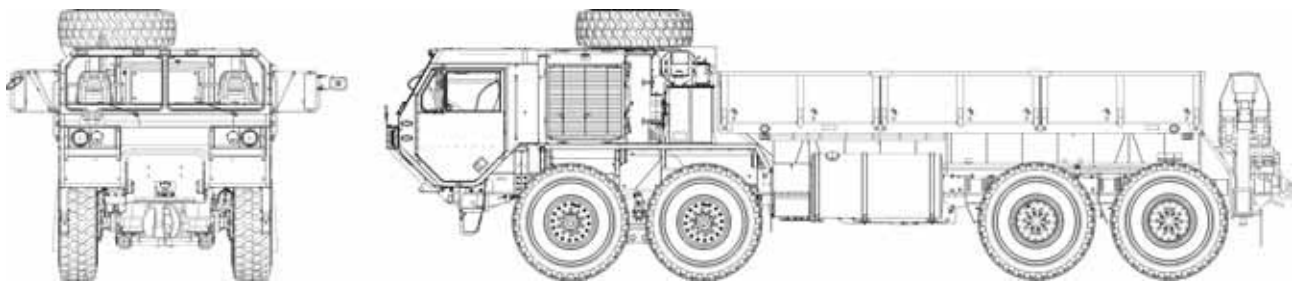
Brakes: Drum type • air actuated S-Cam • ABS/ATC

Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional

Crane: Grove 2,500 lbs. (1134 kg) @ 19 ft. (5.79 m)



M978 A4 FUEL SERVICING TRUCK (TANKER)

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 42,150 lbs. (19119 kg)

Gross Vehicle Weight Rating (GVWR): 66,000 lbs. (29937 kg)

Gross Combined Weight Rating (GCWR): 109,000 lbs. (49441 kg)

Gross Vehicle Weight Rating w/ Armor: 72,500 lbs. (32885 kg)

Length: 409.5 in. (10401 mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (3003 mm)

Track: 79 in. (2007 mm)

Wheelbase: 210 in. (5334 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS480

Suspension: Air ride with 4-height control valves

Front - Holland ADS-240

Rear - Holland AD-246

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12-volt accessory

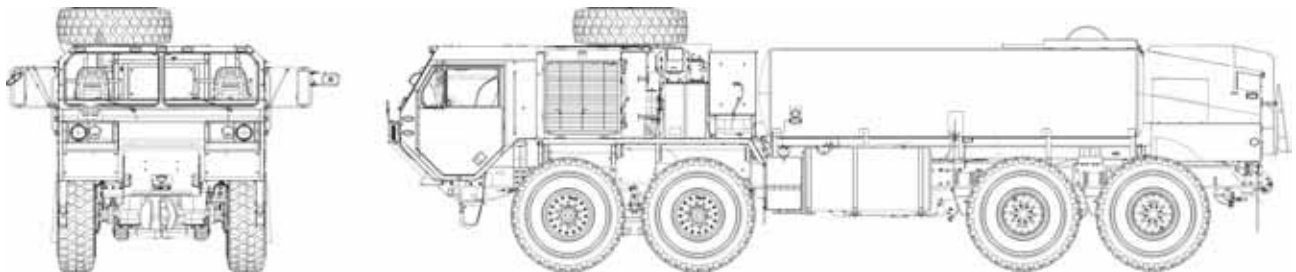
Brakes: Drum type • air actuated S-Cam • ABS/ATC

Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional

Fifth Wheel Vertical Loading: 2,500 gal. (9464 liter) for gas
• diesel and jet fuel



M983 A4 LET LIGHT EQUIPMENT TRANSPORTER

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 37,400 lbs. (16964 kg)

Gross Vehicle Weight Rating (GVWR): 86,000 lbs. (39009 kg)

Gross Combined Weight Rating (GCWR): 151,000 lbs. (68492 kg)

Gross Vehicle Weight Rating w/ Armor: 92,500 lbs. (41957 kg)

Length: 359 in. (9119 mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (2997 mm)

Track: 79 in. (2007 mm)

Wheelbase: 183.5 in. (4661 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS521

Suspension: Air ride with 4-height control valves

Front - Neway ADS-240

Rear - Neway AD-252

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12-volt accessory

Brakes: Drum type • air actuated S-Cam • ABS/ATC

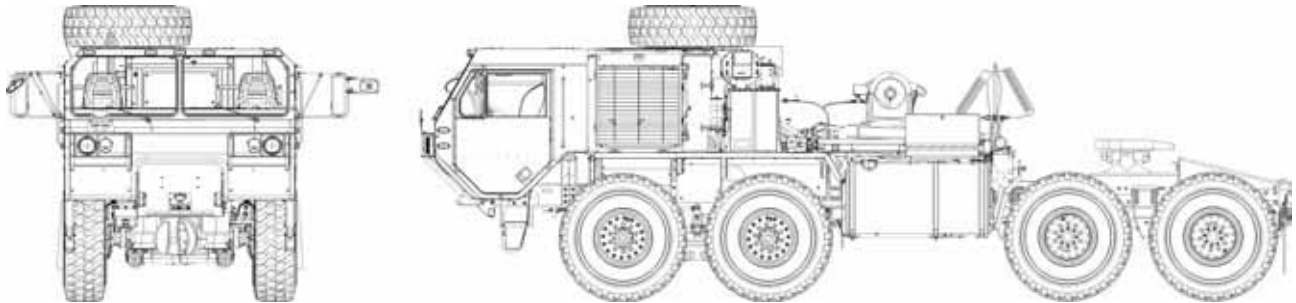
Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch Retrieval System: 45,000 lbs. (20412 kg)

Winch Retrieval Cable: 7/8 in. @ 150 ft. length

Fifth Wheel Vertical Loading: 40,000 lbs. (18144 kg)



M983 A4 PATRIOT TRACTOR

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 35,600 lbs. (16147 kg)

Gross Vehicle Weight Rating (GVWR): 66,000 lbs. (29937 kg)

Gross Combined Weight Rating (GCWR): 109,000 lbs. (49441 kg)

Gross Vehicle Weight Rating w/ Armor: 72,500 lbs. (32885 kg)

Length: 359 in. (9119 mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (2997 mm)

Track: 79 in. (2007 mm)

Wheelbase: 183.5 in. (4661 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS480

Suspension: Air ride with 4-height control valves

Front - Holland ADS-240

Rear - Holland AD-246

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12V accessory

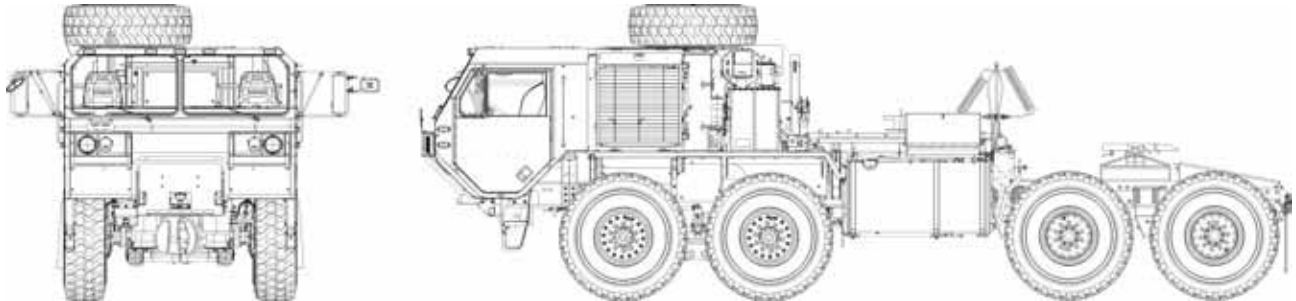
Brakes: Drum type • air actuated S-Cam • ABS/ATC

Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional

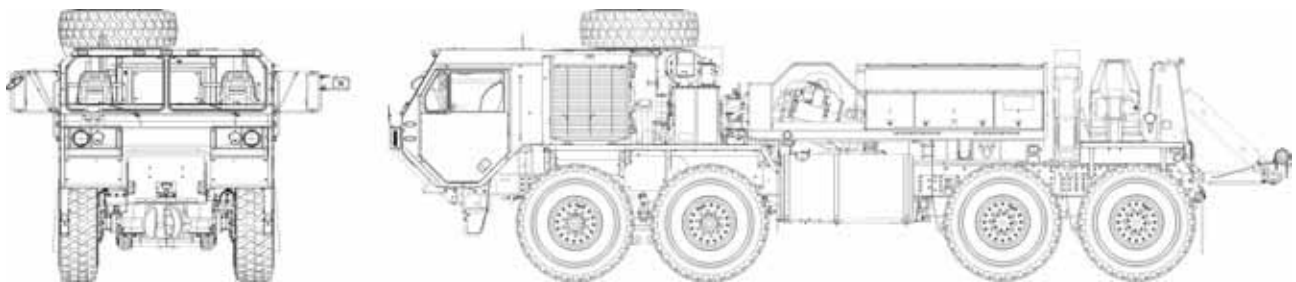
Fifth Wheel Vertical Loading: 21,000 lbs. (9525 kg)



M984 A4 RECOVERY TRUCK (WRECKER)

Cab Seating: 2-person • air-ride seats • 4-point safety belts
Axle Configuration: 8x8
Curb Weight (VCW): 54,100 lbs. (24539 kg)
Gross Vehicle Weight Rating (GVWR): 99,000 lbs. (44906 kg)
Gross Combined Weight Rating (GCWR): 114,000 lbs. off road/
151,000 lbs. on road
Gross Vehicle Weight Rating w/ Armor: 105,500 lbs. (47854 kg)
Length: 401 in. (10185 mm)
Width: 96 in. (2438 mm)
Height (over spare tire): 118 in. (2997 mm)
Track: 79 in. (2007 mm)
Wheelbase: 191 in. (4851 mm)
Maximum Speed: 62 mph (100 kph)
Tires: 16.00 R20 XZL Michelin tubeless
Number of Tires: 8 + 1 spare
Central Tire Inflation System (CTIS): Optional
Fuel Capacity: 155 gal. (587 liter)
Cruising Range (GCW): 300 mi. (483 km) cross-country avg.
Fording: 48 in. (1219 mm)

Transportability: C130 • C141
Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant
Transmission: Allison® 4500 SP/5-speed automatic
Transfer Case: Oshkosh enhanced 55,000/2-speed
Axles: Oshkosh Front - Oshkosh 46K
Rear - Dana DS650
Suspension: Air ride with 4-height control valves
Front - Neway ADS-240
Rear - Neway AD-265
Electrical System: 24-volt start • 24-volt lighting with master
electric disconnect • 260A alternator • 12-volt accessory
Brakes: Drum type • air actuated S-Cam • ABS/ATC
Steering: Power assist • front tandem
Lighting: LED lights on all sides • LED black-out drive light
Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional
Winch, Recovery: 60,000 lbs. (27216 kg)
Winch Retrieval System: 25,000 lbs. (11340 kg)
Crane: Grove 14,000 lbs. (6350 kg) @ 9 ft. (2.74 m)



M985 A4 CARGO TRUCK - MLRS RESUPPLY (EXPANDED PAYLOAD CAPACITY)

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 43,600 lbs. (19776 kg)

Gross Vehicle Weight Rating (GVWR): 71,000 lbs. (32205 kg)

Gross Combined Weight Rating (GCWR): 109,000 lbs. (49441 kg)

Gross Vehicle Weight Rating w/ Armor: 77,500 lbs. (35153 kg)

Length: 409.5 in. (10401 mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (3003 mm)

Track: 79 in. (2007 mm)

Wheelbase: 210 in. (5334 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS480

Suspension: Air ride with 4 height control valves

Front - Holland ADS-240

Rear - Holland AD-246

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12-volt accessory

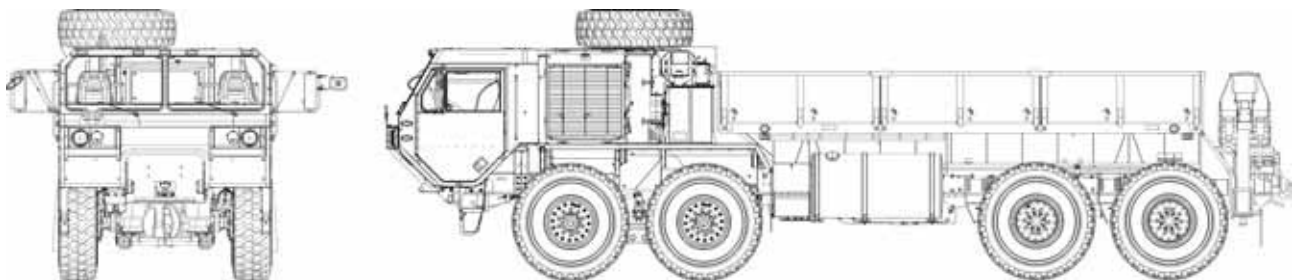
Brakes: Drum type • air actuated S-Cam • ABS/ATC

Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional

Crane: Grove 5,400 lbs. (2499 kg) @ 16.5 ft. (5.03 m)



M985 A4 GMT GUIDED MISSILE TRANSPORTER

Cab Seating: 2-person • air-ride seats • 4-point safety belts

Axle Configuration: 8x8

Curb Weight (VCW): 46,250 lbs. (20978 kg)

Gross Vehicle Weight Rating (GVWR): 71,000 lbs. (32205 kg)

Gross Combined Weight Rating (GCWR): 109,000 lbs. (49441 kg)

Gross Vehicle Weight Rating w/ Armor: 77,500 lbs. (35153 kg)

Length: 436 in. (11075mm)

Width: 96 in. (2438 mm)

Height (over spare tire): 118 in. (3003 mm)

Track: 79 in. (2007 mm)

Wheelbase: 210 in. (5334 mm)

Maximum Speed: 62 mph (100 kph)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Central Tire Inflation System (CTIS): Optional

Fuel Capacity: 155 gal. (587 liter)

Cruising Range (GCW): 300 mi. (483 km) cross-country avg.

Fording: 48 in. (1219 mm)

Transportability: C130 • C141

Engine: Caterpillar® C-15/500 hp 15.2 liter 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh enhanced 55,000/2-speed

Axles: Front - Oshkosh 46K

Rear - Dana DS480

Suspension: Air ride with 4-height control valves

Front - Holland ADS-240

Rear - Holland AD-246

Electrical System: 24-volt start • 24-volt lighting with master electric disconnect • 260A alternator • 12-volt accessory

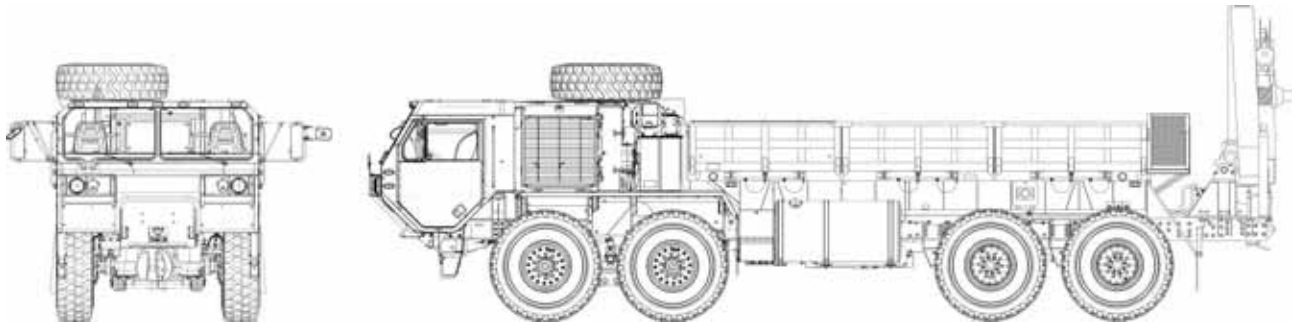
Brakes: Drum type • air actuated S-Cam • ABS/ATC

Steering: Power assist • front tandem

Lighting: LED lights on all sides • LED black-out drive light

Winch, Self-Recovery: 20,000 lbs. (9072 kg) optional

Crane: HIAB 8108/2 5,400 lbs. (2449 kg) @ 16.5 ft. (5.03 m)
4,500 lbs. (2041 kg) @ 20 ft. (6.10 m)





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