



HEAVY EXPANDED MOBILITY TACTICAL TRUCK

HEMTT A4 | M983A4 PATRIOT TRACTOR



Performance For Extreme Defense. Oshkosh Defense® HEMTT A4 M983A4 Patriot Tractor.

The Oshkosh Defense® HEMTT A4 Patriot tractor is the primary mover for the Patriot missile. It offers the mobility, versatility, durability and high performance to assure the Patriot missile – mounted on M860A4 semi-trailers and towed by the M983A4 – will be wherever it is needed, whenever it is needed.

The HEMTT A4 Patriot tractor is built with rugged, durable components, so it is assured to last mission after mission. An anti-lock braking system, traction control and air-ride suspension allow for easy navigation over any type of terrain. The large cab offers substantial space for the crew and is also climate-controlled and armor-ready to help assure mission readiness.

The HEMTT A4 Patriot tractor is the versatile, dependable missile transporter that armed forces can rely on. In any type of terrain, in any type of circumstance, it performs.

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- 500 horsepower Caterpillar® C15 engine offers 55 more horsepower than its predecessor, the HEMTT A2
- Tows M860A4 semi-trailer, on which the Patriot equipment is mounted and launched
- Large, climate controlled, armor-ready cab
- Anti-lock braking system
- Major changes and additions to the cab offer greater comfort and safety:
 - LTAS B-kit ready
 - 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



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

Axle Configuration: 8x8

Curb Weight: 35,777 lbs. (16228 kg)

Gross Vehicle Weight Rating (GVWR):
64,000 lbs. (29030 kg)
With armor – 72,500 lbs. (32885 kg)

Gross Combined Weight Rating (GCWR):
109,000 lbs. (49442 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 km/h)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 8 + 1 spare

Fuel Capacity: 155 gal. (587 L)

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

Fording: 48 in. (1219 mm)

Air Transportability: C-130 and C-141

Engine: Caterpillar® C15, 500 hp 15.2 L
• 2004 EPA compliant

Transmission: Allison® 4500 SP/5-speed automatic

Transfer Case: Oshkosh® enhanced 55000 Series/2 speed

Axles: Front – Oshkosh® 46K
Rear – Dana® DS480

Suspension: Air ride with 4 height control valves
Front – NEWAY ADS-240
Rear – NEWAY AD-246

Electrical System: 24V start • 260A, 24V alternator
• (2) 12V/15A & (1) 24V/15A accessory in cab

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

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

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



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