



HEAVY EXPANDED MOBILITY TACTICAL TRUCK | LOAD HANDLING SYSTEM

## HEMTT A4 | M1120A4 LHS



### **Evolving With Lessons Learned On The Battlefield. Oshkosh Defense® HEMTT A4 M1120A4 LHS.**

Built to stand up to the rapidly evolving challenges in the operational environment, the Oshkosh Defense® HEMTT A4 LHS offers the versatility, power and safety to assure mission success.

The HEMTT A4 LHS moves equipment, ammunition and supplies on demountable cargo beds wherever the mission demands. Its 500 horsepower Caterpillar® C15 engine powers it over even the harshest terrain, allowing it to transport an 11-ton (9979 kg) payload in addition to towing an 11-ton (9979 kg) payload trailer. And it carries both NATO standard flatrack and US Army containerized roll-in, roll-out platform (CROP) for hauling cargo.

The HEMTT A4 LHS also minimizes risks and maximizes efficiencies. It reduces crew workload by allowing the operator to load and unload cargo without any additional material handling equipment – all from within the safety of the cab.

Whatever the mission. Wherever the mission. Military personnel can rely on the versatility, power and performance of the HEMTT A4 LHS.

# HEMTT A4 | M1120A4 LHS | HEAVY EXPANDED MOBILITY TACTICAL TRUCK | LOAD HANDLING SYSTEM

- 500 horsepower Caterpillar® C15 engine offers 55 more horsepower than its predecessor, the HEMTT A2
- Carries both NATO standard flatracks and US Army CROP
- Capable of transporting an 11-ton (9979 kg) payload together with an 11-ton (9979 kg) payload trailer
- Electrical system is 24V using a 260A alternator and includes both 24V and 12V auxiliary power outlets
- 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 • airride seats  
• 4-point safety belts

**Axle Configuration:** 8x8

**Curb Weight:** 39,240 lbs. (17799 kg)

**Gross Vehicle Weight Rating (GVWR):**  
68,000 lbs. (30844 kg)

With armor – 76,500 lbs. (34700 kg)

**Gross Combined Weight Rating (GCWR):**  
109,000 lbs. (49442 kg)

**Length:** 402 in. (10211 mm)

**Width:** 96 in. (2438 mm)

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

**Track:** 79 in. (2007 mm)

**Wheelbase:** 210 in. (5334 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

**Load Handling System:** 26,000 lbs. (11793 kg)  
including FR



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