



MEDIUM TACTICAL VEHICLE REPLACEMENT | LOAD HANDLING SYSTEM

MTVR | 16.5-TON / 8x8 LHS



Load And Unload More. Oshkosh Defense® MTVR 16.5-Ton/8x8 Heavy Load Handling System (LHS).

The self-contained Oshkosh Defense® Medium Tactical Vehicle Replacement (MTVR) 16.5-ton heavy Load Handling System (LHS) is a heavy-duty, high-performing, highly-reliable vehicle. Designed to carry a wide range of cargo via flatrack or container in support of the mission, it loads and unloads supplies and equipment easily, eliminating the need for extra material handling equipment.

The MTVR 16.5-ton LHS incorporates combat-proven advanced technologies like the TAK-4® independent suspension system and the Command Zone™ integrated control and diagnostics system to help it power over the roughest terrains and through the most hazardous environments. It has the brawn and the brains to take on any obstacle that attempts to impede the mission. And it does. It performs on any mission, every time.

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- 16.5-ton (14969 kg) payload capacity
- Ability to carry various types of cargo via flatrack or container
- TAK-4® independent suspension system for extreme mobility
- Ability to climb a 60 percent grade
- Add-on kits, including armor solutions, are available to expand profile and further capabilities
- Durability profile of 70 percent off-road and 30 percent on-road

Cab Seating: 3 person
Axle Configuration: 8x8
Curb Weight: 41,600 lbs. (18869 kg)
with front lift adapter stowed on vehicle
Gross Vehicle Weight Rating (GVWR):
84,000 lbs. (38102 kg)
Length: 402 in. (10211 mm)
Width: 98 in. (2489 mm)
Height: 140 in. (3556 mm)
Reducible Height: 98 in. (2489 mm)
with preparation
Track: 81 in. (2052 mm)
Wheelbase: 255 in. (6477 mm)
Maximum Speed: 65 mph (105 km/h)
Tires: 16.00 R20 XZL Michelin tubeless
Central Tire Inflation System (CTIS):
Dana® electronic controlled system with terrain and payload settings

Fuel Capacity: 78 gal. (295 L) useable
Cruising Range: 300 mi. (483 km)
Fording: 60 in. (1524 mm) without kits
Engine: Caterpillar® C13, 440 hp 12.8 L
Transmission: Allison® 4700 SP/7-speed automatic
Transfer Case: Oshkosh® 55000 Series/single speed
Suspension: Oshkosh TAK-4® independent
Electrical System: 24V with 12V/10A accessory in cab

- 150A or 300A alternator

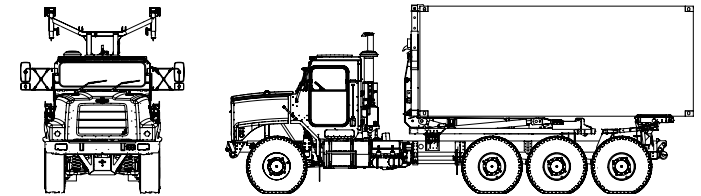
Brakes: Air drum type • wedge brakes (front)

- S-cam (rear) • ABS/ATC

Steering: 3-axle steering (axles 1, 3 and 4)
Load Handling System: 33,000 lbs. (14969 kg)
Payload Capabilities: 20 ft. (6 m) long ISO containers

- flatracks • common 30 shelters

Turning Diameter: 93 ft. (28 m) curb-to-curb



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