



MEDIUM TACTICAL VEHICLE REPLACEMENT

# MTVR | MK31 TRACTOR



**Equipment Where It Needs To Be  
When It's Needed. Oshkosh Defense®  
MTVR MK31 Tractor.**

The Oshkosh Defense® Medium Tactical Vehicle Replacement (MTVR) tractor has the maneuverability and versatility to haul equipment and supplies wherever they are needed, in any type of terrain.

Engineered to be rugged and durable, the MTVR tractor provides the power and performance to haul construction equipment, as well as move defense vehicles and refuelers. It also has a sliding fifth wheel and add-on kits – including armor solutions – available to further enhance its capabilities, conveniences and safety.

Combat-proven advanced technologies like the TAK-4® independent suspension system and the Command Zone™ integrated control and diagnostics system assure the highest degree of performance on every mission. Equipment and supplies that are vital to mission success will get where they need to be – even in the most extreme environments – because of the mobility, power and versatility of the MTVR tractor.

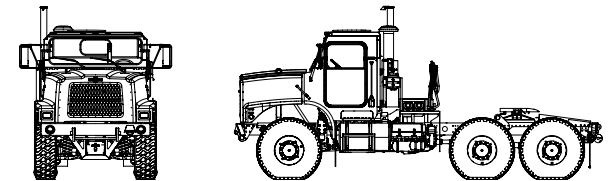
INNOVATION DRIVES FORWARD.

## MTVR | MK31 TRACTOR | MEDIUM TACTICAL VEHICLE REPLACEMENT

- 5th wheel vertical loading of 32,000 pounds (14515 kg)
- Anti-lock brakes with automatic traction control
- TAK-4® independent suspension system for extreme mobility
- Mission profile of 70 percent off-road and 30 percent on-road
- Ability to climb a 60 percent grade
- Add-on kits, including armor solutions, are available to expand profile and further capabilities

**Cab Seating:** 3 person  
**Axle Configuration:** 6x6  
**Curb Weight:** 27,800 lbs. (12610 kg)  
**Gross Combined Weight Rating (GCWR):** 138,200 lbs. (62686 kg)  
**Fifth Wheel Vertical Loading:** 32,000 lbs. (14515 kg)  
**Length:** 297 in. (7554 mm)  
**Width:** 98 in. (2489 mm)  
**Height:** 140 in. (3556 mm)  
**Reducible Height:** 98 in. (2489 mm)  
**Track:** 81 in. (2052 mm)  
**Wheelbase:** 184 in. (4674 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 selectable terrain settings  
**Fifth Wheel:** Holland Kompensator® 2 in. (51 mm) kingpin (3.5 in. [89 mm] optional)  
**Fuel Capacity:** 78 gal. (295 L)  
**Cruising Range:** 300 mi. (483 km)  
**Fording:** 60 in. (1524 mm) without kits

**Air Transportability:** C-5, C-17 and C-141  
• CH-53 E helicopter at VCW  
**Engine:** Caterpillar® C13, 440 hp 12.8 L  
**Transmission:** Allison® 4700 SP/7-speed automatic  
**Transfer Case:** Oshkosh® 30000 Series/single speed  
**Suspension:** Oshkosh TAK-4® independent  
• hydro-pneumatic (rear) • coil spring (front)  
**Electrical System:** 24V start • 150A or 300A, 24V alternator  
• 12V/10A accessory in cab • 12/24V trailer connectors  
**Brakes:** Air drum type • wedge brakes • ABS/ATC  
**Steering:** All-wheel mechanical steer  
**Kits:**  
Arctic engine kit  
Chemical alarm mounting kit  
Decontamination apparatus mounting kit  
Air conditioning  
Tire chain  
300A alternator  
Armor  
Fire protection kit  
**Options:** Ready to accept armor (MK31A1)  
**Turning Diameter:** 60 ft. (18 m) curb-to-curb



Oshkosh Corporation  
2307 Oregon Street, P.O. Box 2566 • Oshkosh, WI, USA 54903-2566  
ph 1.920.235.9150 • fax 1.920.233.9506  
Washington, DC Office  
1300 North 17th Street, Suite 1040 • Arlington, VA, USA 22209  
ph 1.703.525.8400 • fax 1.703.525.8408

©2010 OSHKOSH CORPORATION Oshkosh, the Oshkosh logo and TAK-4 are registered trademarks and Command Zone is a trademark of Oshkosh Corporation, Oshkosh, WI, USA. All other trademarks are property of their respective owners.

[oshkoshdefense.com](http://oshkoshdefense.com)