



MEDIUM TACTICAL VEHICLE REPLACEMENT

MTVR | MK29 AND MK30 DUMP



Extreme Performance For Extreme Missions. Oshkosh Defense® MTVR MK29 And MK30 Dump.

The Oshkosh Defense® Medium Tactical Vehicle Replacement (MTVR) dump has the power and capacity to haul whatever is needed to aid in mission success. Incorporating combat-proven advanced technologies and patented components including the TAK-4® independent suspension system and the Command Zone™ integrated control and diagnostics system, it is specifically engineered to perform load after load, even in the most extreme conditions.

The MTVR dump is mobile, versatile and durable. Its steel welded dump body extends up and over the top of the vehicle cab to prevent damage while loading. The dump hydraulics system operates smoothly and consistently, increasing mission efficiencies. And it's easily maneuvered, so military personnel can get the loads wherever they are needed, whenever they are needed.

With the mobility and versatility to traverse even the most difficult terrains, the MTVR dump is extremely durable and reliable. And various kits, including armor solutions, are available to further enhance its capabilities, conveniences and safety.

MTVR | MK29 AND MK30 DUMP | MEDIUM TACTICAL VEHICLE REPLACEMENT

- MK30 includes a 20,000 pound (9072 kg) capacity self-recovery winch
- TAK-4® independent suspension system for extreme mobility
- Steel welded dump body

Cab Seating: 3 person

Axle Configuration: 6x6

Curb Weight: MK29 – 31,800 lbs. (14424 kg)
MK30 – 32,500 lbs. (14742 kg)

Gross Vehicle Weight Rating (GVWR):
62,200 lbs. (28213 kg)

Length: 317 in. (8052 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: 184 in. (4674 mm)

Maximum Speed: 65 mph (105 km/h)

Tires: 16.00 R20 XZL Michelin tubeless

Number of Tires: 6

Central Tire Inflation System (CTIS): Dana® electronic controlled system with terrain and payload settings

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-130

Engine: Caterpillar® C13, 440 hp 12.8 L

Transmission: Allison® 4700 SP/
7-speed automatic

Transfer Case: Oshkosh® 30000 Series/
single speed • 3 shaft

Axles: Oshkosh TAK-4®

Suspension: Oshkosh TAK-4 independent

Electrical System: 24V start • 150A or 300A,
24V alternator • 12V/10A accessory in cab

Brakes: Air drum type • wedge brakes (front)
• S-cam (rear) • ABS/ATC

- Ability to climb 60 percent grade
- Add-on kits, including armor solutions, are available to expand profile and further capabilities
- Mission profile of 70 percent off-road and 30 percent on-road

Steering: R.H. Sheppard integral power steering with booster and separate fluid reservoir

Payload: 28,000 lbs. (12700 kg) on-road • 12,200 lbs. (5533 kg) off-road

Pintle Towing Capacity: 22,000 lbs. (9979 kg)
trailer towing capacity

Winch, Self Recovery: 20,000 lbs. (9072 kg) – MK30 only

Kits:

- Arctic engine kit
- Cargo tarp
- Troop seats with access ladder
- Chemical alarm mounting kit
- Decontamination apparatus mounting kit
- Troop tarp
- Air conditioning
- Tire chain
- Jounce limiting
- Sliding rear window
- Tow bar
- 300A alternator
- Armor
- Fire protection kit

MTVR Dump Body Performance Data

Dump Bed Size: 6.5 cu yd (4.97 m) struck load

Length – 172 in. (4.37 m) outside • 164 in. (4.16 m) inside

Width – 96 in. (2.43 m) outside • 85 in. (2.15 m) inside

Height – 22 in. (.56 m) inside

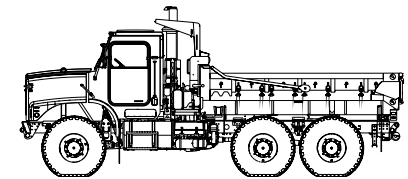
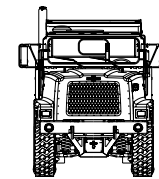
Dump Bed Angle: 50°

Hoist: Roller combo RC-580 • 25.3 ton

Load Cover: Aero easy cover

Options: Ready to accept armor (MK29A1 and MK30A1)

Turning Diameter: 86 ft. (26 m) curb-to-curb



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