

FAMILY OF MEDIUM TACTICAL VEHICLES

FMTV



Distribution A: Approved for public release

INNOVATION DRIVES FORWARD.

THIS IS OSHKOSH DEFENSE.

At Oshkosh Defense, we stand behind those who dedicate their lives to protecting others. Every day we strive to meet or exceed our customers' ever-changing needs with next generation defense technologies and advanced systems. We operate with unparalleled commitment to those who depend on our products and services worldwide to perform their missions.



FMTV | FAMILY OF MEDIUM TACTICAL VEHICLES

Capacity to deliver solutions.

One vehicle stands alone as the get-things-done resource for military operations. The Oshkosh Defense® FMTV. As an integral part of the supply and logistics chain, it is exceptionally built, highly efficient and impressively reliable. Crew-protecting armor and advanced technologies work in concert to provide the capability, versatility, mobility and protection to move troops and supplies, recover vehicles and weapon systems or haul equipment wherever the mission requires. With the defense expertise and proven production capabilities of Oshkosh, expectations are always met.



FMTV | FAMILY OF MEDIUM TACTICAL VEHICLES

For durability, reliability and advanced performance, the FMTV responds time and time again. It meets the demands – of the mission, of the battlespace and of the military personnel who rely on it. Commonality of parts – over 80 percent – across chassis variants significantly reduces the logistics burden as well as operational and support costs. And with a Long-Term Armor Strategy-compliant cab and other advanced technologies, military personnel get the enhanced protection they need to confidently complete their missions.





FMTV | FAMILY OF MEDIUM TACTICAL VEHICLES

Variants

2.5-Ton Chassis (M1080 A1P2)
2.5-Ton Standard Cargo (M1078 A1P2)
2.5-Ton Van (M1079 A1P2)
5-Ton Standard Cargo (M1083 A1P2)
5-Ton Standard Cargo with MHE (M1084 A1P2)
5-Ton Long Cargo (M1085 A1P2)
5-Ton Tractor (M1088 A1P2)
5-Ton Wrecker (M1089 A1P2)
5-Ton Long Cargo with MHE (M1086 A1P2)
5-Ton Expansible Van (M1087 A1P2)
5-Ton Chassis (M1092 A1P2)
5-Ton Long Chassis (M1096 A1P2)
2.5-Ton Trailer (M1082 A1R)
5-Ton Trailer (M1095 A1R)
5-Ton Load Handling System Trailer (M1147 A1R LHST)
8.8-Ton Load Handling System (M1148 A1P2)
10-Ton Dump (M1157 A1P2)



Meeting the Army combat support initiative – with advanced-thinking efficiency, high-performance responsiveness and long-term reliability. The Oshkosh Defense® FMTV.





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FAMILY OF MEDIUM TACTICAL VEHICLES

FMTV | CARGO 4x4 / 6x6



Capacity To Move. Oshkosh Defense® FMTV Cargo 4x4 and 6x6.

The Oshkosh Defense® FMTV cargo 4x4 and 6x6 deliver the support, effectiveness and confidence military personnel need to fulfill their missions. Whether moving personnel or supplies, the FMTV cargo vehicle is efficient and reliable.

As an integral part of the supply and logistics chain, the FMTV cargo 4x4 and 6x6 are examples of the exceptionally built Oshkosh FMTV variants meeting the Army combat support initiative. Superior manufacturing and rugged, durable components assure long-term reliability in even the most extreme conditions.

A Long-Term Armor Strategy-compliant cab and other advanced technologies offer enhanced protection. And with the defense expertise and proven production capabilities of Oshkosh, each FMTV cargo 4x4 and 6x6 will meet all delivery requirements.

FMTV | CARGO 4x4/6x6 | FAMILY OF MEDIUM TACTICAL VEHICLES

- Easily maneuverable
- Long-Term Armor Strategy-compliant cab
- C-130 air transportable
- Electronic Central Tire Inflation System (CTIS)
- 3 person; ergonomically adjustable driver seat and steering wheel for greater crew comfort

FMTV 4x4

Length: 265 in. (6739 mm)

Width: 96 in. (2438 mm)

Height: 111 in. (2830 mm)

Wheel Base: 153 in. (3899 mm)

Approach/Departure Angle: 40°/40°

Vehicle Curb Weight w/Fuel: 22,904 lbs. (10389 kg)

Payload: 5,000 lbs. (2268 kg) plus kits

Towed Load: 12,000 lbs. (5443 kg)

Maximum Speed Governed at Gross Weight:

55 mph (89 km/h)

Range: 56 gal. (212 L) nominal 300+ mi. (483+ km)

Maximum Grade/Side Slope: 60%/30%

Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel

Engine: Caterpillar® C7 heavy-duty diesel • 6 cylinder

- electronically controlled • fuel injected

- turbocharged and aftercooled • EPA certified

Transmission: Allison® MD 3700 SP automatic/select

7 speed • electronically controlled

Optional: Winch

FMTV 6x6

Length: 286 in. (7272 mm)

Width: 96 in. (2438 mm)

Height: 111 in. (2830 mm)

Wheel Base: 161 in. (4100 mm)

Approach/Departure Angle: 40°/40°

Vehicle Curb Weight w/Fuel: 24,870 lbs. (11281 kg)

Payload: 10,000 lbs. (4536 kg) plus kits

Towed Load: 21,000 lbs. (9525 kg)

Maximum Speed Governed at Gross Weight:

55 mph (89 km/h)

Range: 56 gal. (212 L) nominal 300+ mi. (483+ km)

Maximum Grade/Side Slope: 60%/30%

Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel

Engine: Caterpillar® C7 heavy-duty diesel • 6 cylinder

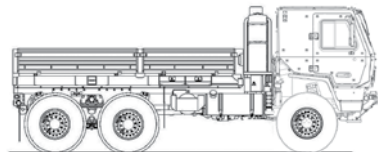
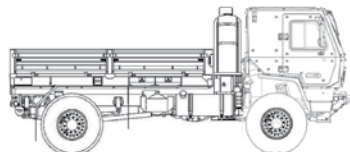
- electronically controlled • fuel injected

- turbocharged and aftercooled • EPA certified

Transmission: Allison® MD 3700 SP automatic/select

7 speed • electronically controlled

Optional: Winch



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FAMILY OF MEDIUM TACTICAL VEHICLES

FMTV | 10-TON DUMP



Capacity To Carry. Oshkosh Defense® FMTV 10-Ton Dump.

The Oshkosh Defense® FMTV 10-ton dump provides the payload capacity and durability to support military personnel in any construction mission. As an integral part of the supply and logistics chain, it is one of the exceptionally built Oshkosh FMTV variants meeting the Army combat support initiative.

The FMTV 10-ton dump is extremely durable, so it will continue to perform load after load in even the most extreme conditions. Its hydraulics system is engineered for continued smooth operation and its 10-ton capacity allows for more material in fewer loads, increasing mission efficiencies. It also maneuvers easily, so materials can be dumped close to the work site, reducing personnel fatigue. And a Long-Term Armor Strategy-compliant cab and other advanced technologies offer enhanced protection.

FMTV | 10-TON DUMP | FAMILY OF MEDIUM TACTICAL VEHICLES

- Capacity to carry more material in less loads, increasing efficiencies and decreasing personnel fatigue
- Easily maneuverable
- Long-Term Armor Strategy-compliant cab
- Electronic Central Tire Inflation System (CTIS)
- 3 person; ergonomically adjustable driver seat and steering wheel for greater crew comfort

Length: 307 in. (7798 mm)

Width: 96 in. (2438 mm)

Height: 111 in. (2819 mm)

Wheel Base: 161 in. (4089 mm)

Approach/Departure Angle: 40°/40°

Vehicle Curb Weight w/Fuel: 28,727 lbs. (13030 kg)

Payload: 20,000 lbs. (9072 kg) plus kits

Towed Load: 26,000 lbs. (11793 kg)

Maximum Speed Governed at Gross Weight:

55 mph (88 km/h)

Range: 74 gal. (280 l) nominal 300+ mi. (483+ km)

Maximum Grade/Side Slope: 60%/30%

Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel

Engine: Caterpillar® C7 heavy-duty diesel • 6 cylinder

• electronically controlled • fuel injected

• turbocharged and aftercooled • EPA certified

Transmission: Allison® MD 3700 SP automatic/select

7 speed • electronically controlled

Optional: Winch



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FAMILY OF MEDIUM TACTICAL VEHICLES | LOAD HANDLING SYSTEM

FMTV | 8.8-TON LHS



Capacity To Deliver. Oshkosh Defense® FMTV Load Handling System (LHS).

The Oshkosh Defense® FMTV 8.8-ton Load Handling System (LHS) provides military personnel the support they need on the battlefield. As an integral part of the supply and logistics chain, it is one of the exceptionally built Oshkosh FMTV variants meeting the Army combat support initiative.

The FMTV 8.8-ton self-contained load handling system has the capacity to carry and deliver a wide range of cargo via flatrack or container. Its maneuverability and smooth hydraulic operation increase efficiencies while reducing team member fatigue. And it's extremely durable, so it will continue to perform load after load.

The superior manufacturing of the FMTV 8.8-ton LHS assures long-term reliability in even the most extreme conditions. And a Long-Term Armor Strategy-compliant cab and other advanced technologies offer enhanced protection.

FMTV | 8.8-TON LHS | FAMILY OF MEDIUM TACTICAL VEHICLES | LOAD HANDLING SYSTEM

- Easy load/unload to reduce military personnel fatigue
- Long-Term Armor Strategy-compliant cab
- Electronic Central Tire Inflation System (CTIS)

- C-130 air transportable
- 3 person; ergonomically adjustable driver seat and steering wheel for greater crew comfort

Length: 376 in. (9558 mm)

Width: 96 in. (2438 mm)

Height: 122 in. (3112 mm)

Wheel Base: 209 in. (5309 mm)

Approach/Departure Angle: 40°/23°

Vehicle Curb Weight w/Fuel: 28,781 lbs. (13055 kg)

Payload: 17,640 lbs. (8001 kg) plus kits

Towed Load: 27,117 lbs. (12300 kg)

Maximum Speed Governed at Gross Weight:

55 mph (88 km/h)

Range: 74 gal. (281 l) nominal 300+ mi. (483+ km)

Maximum Grade/Side Slope: 60%/30%

Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel

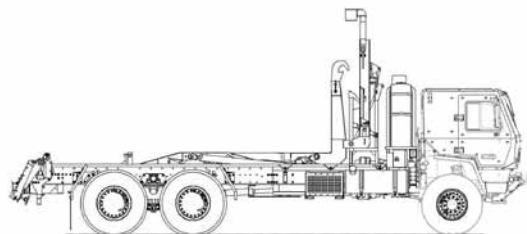
Engine: Caterpillar® C7 heavy-duty diesel • 6 cylinder

• electronically controlled • fuel injected

• turbocharged and aftercooled • EPA certified

Transmission: Allison® MD 3700 SP automatic/select

7 speed • electronically controlled



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FAMILY OF MEDIUM TACTICAL VEHICLES

FMTV | 5-TON TRACTOR



Capacity To Haul. Oshkosh Defense® FMTV 5-Ton Tractor.

The Oshkosh Defense® FMTV 5-ton tractor variant is one of the exceptionally built Oshkosh FMTV variants meeting the Army combat support initiative.

Designed for line haul operations, the FMTV 5-ton tractor can transport semi-trailers, armored vehicles and heavy construction equipment, as well as move defense missiles. When equipped with a self-recovery winch, it can also play a vital role in recovery operations.

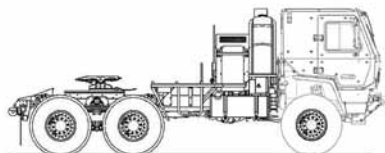
The FMTV 5-ton tractor has the mobility and versatility to perform in even the harshest conditions, proving its extreme durability and performance with each mission. And a Long-Term Armor Strategy-compliant cab and other advanced technologies provide military personnel with enhanced protection.

FMTV | 5-TON TRACTOR | FAMILY OF MEDIUM TACTICAL VEHICLES

- Full-time all-wheel drive
- Fully automatic transmission
- Long-Term Armor Strategy-compliant cab
- Electronic Central Tire Inflation System (CTIS)
- High horsepower-to-weight ratio
- 3 person; ergonomically adjustable driver seat and steering wheel for greater crew comfort
- Integral transfer case

Length: 270 in. (6859 mm)
Width: 96 in. (2438 mm)
Height: 111 in. (2829 mm)
Wheel Base: 161 in. (4100 mm)
Approach/Departure Angle: 40°/60°
Vehicle Curb Weight w/Fuel: 25,307 lbs. (11479 kg)
King Pin Vertical Load Rating: 25,000 lbs. (11340 kg)
Payload: 25,000 lbs. (11340 kg) plus kits
Towed Load: 63,000 lbs. (28576 kg)
Maximum Speed Governed at Gross Weight:
55 mph (88 km/h)

Range: 74 gal. (281 L) nominal 300+ mi. (483+ km)
Maximum Grade/Side Slope: 60%/30%
Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel
Engine: Caterpillar® C7 heavy-duty diesel • 6 cylinder
• electronically controlled • fuel injected
• turbocharged and aftercooled • EPA certified
Transmission: Allison® MD 3700 SP automatic/select 7 speed • electronically controlled
Optional: Winch



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FAMILY OF MEDIUM TACTICAL VEHICLES

FMTV | 5-TON WRECKER



Capacity To Recover. Oshkosh Defense® FMTV 5-Ton Wrecker.

The Oshkosh Defense® FMTV 5-ton wrecker provides the payload capacity and durability to recover disabled medium and light tactical vehicles. An exceptionally built, high-performing vehicle, it's an integral part of the Army combat support initiative.

The FMTV wrecker lift and tow capability provides for front or rear recovery of disabled vehicles. It has a proven retrieval system, tested and passed for extreme durability at government test facilities, as well as out in the field. For over 25 years, the wrecker system has performed successful field operations on the HEMTT, MTVR and LVSr.

The FMTV 5-ton wrecker performs even the most difficult recoveries in the most extreme conditions. Its full hydraulic operation with remote control reduces connection time to the disabled vehicle as well as decreases personnel fatigue. And the Long-Term Armor Strategy-compliant cab and other advanced technologies also offer the enhanced protection military personnel can rely on.

FMTV | 5-TON WRECKER | FAMILY OF MEDIUM TACTICAL VEHICLES

- Includes a crane and winch retrieval system
- Full hydraulic operation – retrieval system interfaces with existing wrecker remote
- Allows for flat tow operation without preparation – pintle mounted directly to rear crossmember
- Includes multi-use adapter to minimize set-up and connection operation time
- Single center-mounted hydraulic-deployed winch anchor
- Improves stowage box volume

Length: 379 in. (9623 mm)

Width: 96 in. (2438 mm)

Height: 111 in. (2830 mm)

Wheel Base: 209 in. (5300 mm)

Approach/Departure Angle: 40°/20°

Vehicle Curb Weight w/Fuel: 40,050 lbs. (18167 kg)

Towed Load: 55,000 lb. (24948 kg) vehicle

Maximum Speed Governed at Gross Weight:

55 mph (88 km/h)

Range: 74 gal. (280 L) nominal 300+ mi. (483+ km)

Vertical Lift: 21,500 lbs. (9752 kg)

Maximum Grade/Side Slope: 60%/30%

Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel

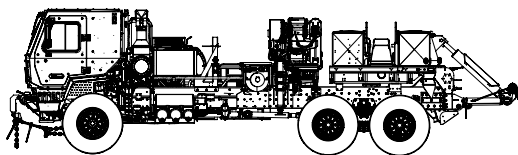
Engine: Caterpillar® C7 heavy-duty diesel • 330 hp

• 6 cylinder • electronically controlled

• fuel injected • turbocharged and aftercooled

• EPA certified

Transmission: Allison® MD 3700 SP automatic/select 7 speed • electronically controlled



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FAMILY OF MEDIUM TACTICAL VEHICLES | LOAD HANDLING SYSTEM

FMTV | 8.8-TON LHS



Capacity To Deliver. Oshkosh Defense® FMTV Load Handling System (LHS).

The Oshkosh Defense® FMTV 8.8-ton Load Handling System (LHS) provides military personnel the support they need on the battlefield. As an integral part of the supply and logistics chain, it is one of the exceptionally built Oshkosh FMTV variants meeting the Army combat support initiative.

The FMTV 8.8-ton self-contained load handling system has the capacity to carry and deliver a wide range of cargo via flatrack or container. Its maneuverability and smooth hydraulic operation increase efficiencies while reducing team member fatigue. And it's extremely durable, so it will continue to perform load after load.

The superior manufacturing of the FMTV 8.8-ton LHS assures long-term reliability in even the most extreme conditions. And a Long-Term Armor Strategy-compliant cab and other advanced technologies offer enhanced protection.

FMTV | 8.8-TON LHS | FAMILY OF MEDIUM TACTICAL VEHICLES | LOAD HANDLING SYSTEM

- Easy load/unload to reduce military personnel fatigue
- Long-Term Armor Strategy-compliant cab
- Electronic Central Tire Inflation System (CTIS)

- C-130 air transportable
- 3 person; ergonomically adjustable driver seat and steering wheel for greater crew comfort

Length: 376 in. (9558 mm)

Width: 96 in. (2438 mm)

Height: 122 in. (3112 mm)

Wheel Base: 209 in. (5309 mm)

Approach/Departure Angle: 40°/23°

Vehicle Curb Weight w/Fuel: 28,781 lbs. (13055 kg)

Payload: 17,640 lbs. (8001 kg) plus kits

Towed Load: 27,117 lbs. (12300 kg)

Maximum Speed Governed at Gross Weight:

55 mph (88 km/h)

Range: 74 gal. (281 l) nominal 300+ mi. (483+ km)

Maximum Grade/Side Slope: 60%/30%

Cab Design: 3 person • ergonomically adjustable driver seat and steering wheel

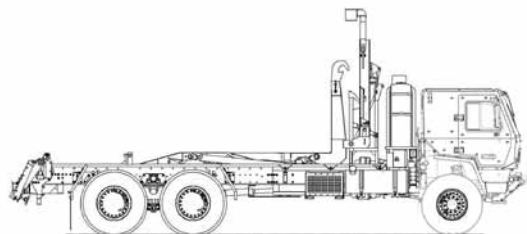
Engine: Caterpillar® C7 heavy-duty diesel • 6 cylinder

- electronically controlled • fuel injected

- turbocharged and aftercooled • EPA certified

Transmission: Allison® MD 3700 SP automatic/select

- 7 speed • electronically controlled



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