

# FMTV M1083A0

## 5.0 ton Standard Cargo

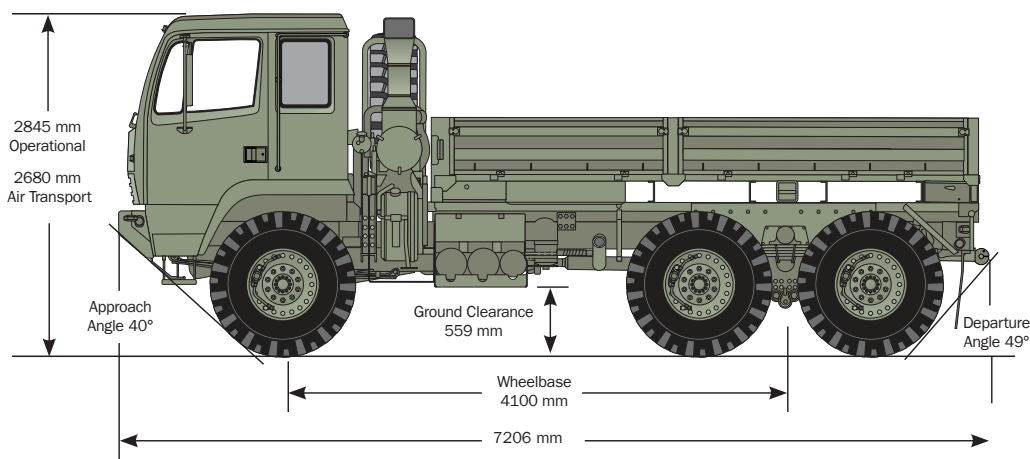
Sold by:

# FMTV TRUCK SALES

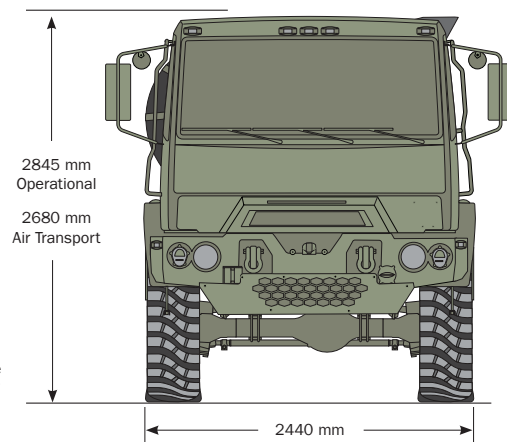
The Family of Medium Tactical Vehicles (FMTV) provides the U.S. Army's backbone for tactical unit mobility and logistics support throughout the battlefield. Produced by Stewart & Stevenson Tactical Vehicle Systems, LP, these vehicles are considered the most sophisticated off-road, multi-purpose military tactical vehicles in use, and are capable of operating worldwide on primary and secondary roads, as well as on trails and cross-country in weather extremes from  $-50^{\circ}\text{F}$  ( $-46^{\circ}\text{C}$ ) to  $+120^{\circ}\text{F}$  ( $49^{\circ}\text{C}$ ).

### KEY FEATURES

- Full-time all-wheel drive
- Fully automatic transmission
- Central Tire Inflation System (CTIS)
- Technical Manuals (TMs)
- U.S. Army proven ultra-reliability
- Family of 14+ vehicles with 80% commonality
- U.S. Army certified 22-year corrosion
- Highest proven reliability of any tactical vehicle



SIDE VIEW



FRONT VIEW



# FMTV M1083A0

## 5.0 ton Standard Cargo

### VEHICLE SPECIFICATIONS

Length:	283.7 in (7,206 mm)
Width:	96 in (2,438 mm)
Height:	
Operational For	112 in (2,845 mm)
Air Transport	105.5 in (2,680 mm)
Height-Pintle:	
Unloaded	36 in (905 mm)
With Payload	32.4 in (824 mm)
Wheel Base:	161.4 in (4,100 mm)
Ground Clearance:	
Loaded	22 in (559 mm)
Under Axle	14.4 in (365 mm)
Approach/Departure Angle:	40°/49°
Vehicle Curb	
Weight with Fuel:	20,796 lb (9,433 kg)
Payload:	10,000 lb (4,536 kg) plus kits
Towed Load:	21,000 lb (9,526 kg)
Maximum Speed:	58 mph (94 km/h)
Range, 58 gal	
(219 L) nominal:	300+ mi (483+ km)
Maximum Grade/Side Slope:	60%/30%
Turning Circle:	
Curb-to-Curb	65.6 ft (20.0 m)
Wall-to-Wall	69.6 ft (21.2 m)
Fording, without Kit:	30 in (762 mm)
with Kit:	50 in (1,270 mm)

### EQUIPMENT SPECIFICATIONS

Cab:	
Design	3-Man, Ergonomically Adjustable Driver Seat and Steering Wheel
Steering	Power Assisted, Recirculating
Suspension	3-Point Rubber Isolator
Engine:	
Caterpillar 3116	Heavy Duty Diesel, 6-Cylinder, Fuel Injected Turbocharged and Aftercooled, EPA Certified
Rating	290 hp (216 kW) @ 2400 rpm
Displacement	442 cu in. (7.2 L)
Torque	738 lb ft. (1,000 Nm) @ 2600 rpm
Fuel	Diesel, DF-2, JP-4, JP-8, VV-F-800
Oil	MIL-L-D, MIL-L-46167, 22 qt (21 L)
Transmission:	
Allison 3070 (MD-D7)	Automatic/Select 7-speed, Electronically Controlled
Full-Time AWD	Integral Transfer Case
Normal Operation	30% Torque Front Wheels; 70% Torque Rear Wheels; Off-Road, Equal Front & Rear
Oil	MIL-L-2104D, MIL-L-46167, 31.8 qt (30 L)
Axles:	
ArvinMeritor	Front, Intermediate and Rear Axles
Carrier	Single Reduction, Amboid-
Wheel End	Gearing Bevel Wheel End Reduction, Ratio 2:1
Overall Axle Gear Ratio	7.8:1
Front Axle Steering	35°
Electrical:	
System	12/24 volt, EMI/HAEMP Qualified, Central Power Distribution Panel, Battery and Charging Management System
Alternator	100 amp, 12/24 volt, Waterproof, EMI/RFI Suppressed
Starter	24 volt Waterproof

Tires:	Michelin 395/85R20XML All-Terrain
Brakes:	
Primary	Air Actuated
Secondary	Air Actuated
Central Tire Inflation System, Dana/Eaton:	Cab-Mounted Electronic Controls, Operable while Driving Highway, Cross-Country, Air Transport, Sand/Mud/Snow, and Emergency Modes
Diagnostics:	Electronic Technical Manuals (TMs)
Suspension:	
Front	Parabolic-Tapered Leaf Spring with Coil over Hydraulic Shock Absorbers
Rear	Tandem Axles with Parabolic-Tapered Leaf Spring with Hydraulic Shock Absorbers and Stabilizer Bar
Transportability/Deployability:	
Internally	Air-transportable by C-130, C-141, C-17, and C-5A at
Externally	GW Transportable by CH-47 and CH-53 Helicopters
Self Recovery Winch:	
(Optional)	11,000 lb (4,990 kg) rating, 280 ft (85.3 m) Line Capacity, Fore/Aft Recovery Positions
Cargo Bed:	
Inside Cargo Bed	170 in x 91 in (4,318 x 2,314 mm)
Ladder	Integral, Stowed
Construction	E-COAT Rustproofing Dropside with Side Rail Storage
Options	Troop Seats, Stowable Composite; Bows and Tarp Kit

### FOR MORE INFORMATION CONTACT:

Sold By:

**FMTV  
TRUCK  
SALES**

sales@fmtvtrucks.com  
1.406.624.3963  
www.fmtvtrucks.com

All rights reserved.

Specifications are subject to change with notice.



**Stewart & Stevenson Tactical Vehicles Systems, LP**  
5000 I-10 West Sealy, Texas 77474  
Bus: (281) 856-0139 Fax: (713) 867-1518  
www.ssss.com