

FMTV M1088 A1

5.0 ton Tractor

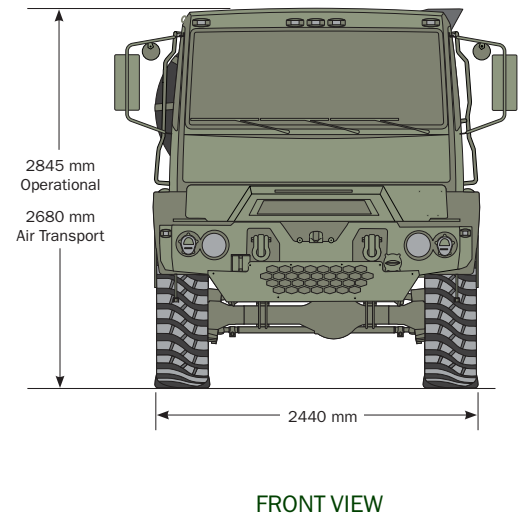
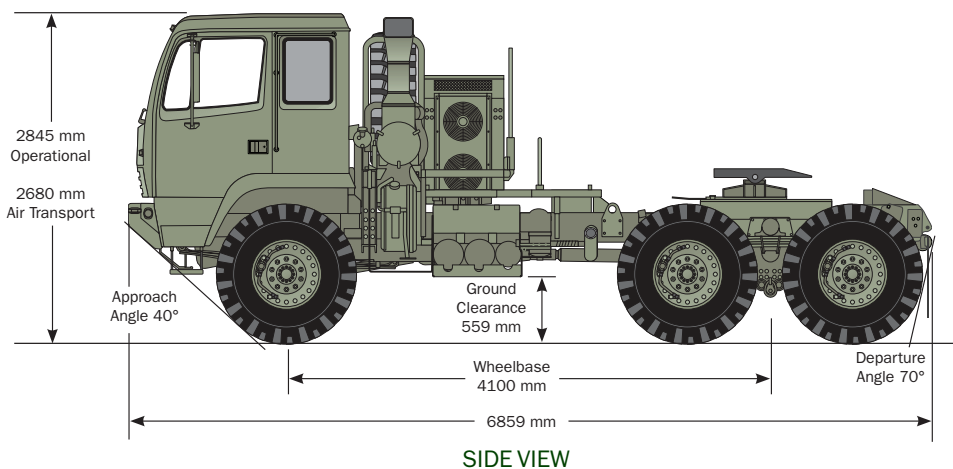
Sold by:

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°F (-46°C) to +120°F (49°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 protection
- Highest proven reliability of any tactical vehicle



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VEHICLE SPECIFICATIONS

Length:	270 in (6,859 mm)
Width:	96 in (2,438 mm)
Height:	
Operational	112 in (2,845 mm)
Height-Pintle:	
Unloaded	36 in (905 mm)
With Payload	34 in (864 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°/70°
Vehicle Curb Weight with Fuel:	19,654 lb (8,915 kg)
Payload, 5th Wheel Vertical Load:	25,000 lb (11,340 kg) plus kits
Towed Load:	63,000 lb (28,576 kg)
Maximum Speed:	58 mph (94 km/h)
Range, 78 gal (295 L) nominal:	300+ mi (483+ km)
Maximum Grade/Side Slope:	60%/30%
Turning Circle:	
Curb-to-Curb	55.6 ft (20.0 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 3126	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 6-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:	Goodyear 395/85R20 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:	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	GWV Transportable by CH-47 and CH-53 Helicopters
Self Recovery Winch:	
(Optional)	15,500 lb (7,031 kg) rating, 280 ft (85.3 m) Line Capacity, Fore/Aft Recovery Positions
Fifth Wheel:	
Holland-Siding	Full Oscillating, 36 in (914 mm) diameter, with Forks and Semi-automatic Lock for SAE J700 2.0 in (51 mm) Kingpin
Vertical Load	25,000 lb (11,340 kg) Rating

FOR MORE INFORMATION CONTACT:

Sold By:

**FMTV
TRUCK
SALES**

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Specifications are subject to change with notice.



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