The Family of Medium Tactical Vehicles (FMTV) provides the U.S. Army’s backbone for tactical unit mobility and logistics support throughout the battlefield. 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).

**FMTV 8x8**
18 ton Heavy Integrated Load Handling System

**FMTV 8X8 FEATURES**
- Full-time all-wheel drive
- Fully automatic transmission
- Electronic Central Tire Inflation System (CTIS)
- Anti-lock Braking System (ABS)
- Interactive Electronic Technical Manuals (IETM)
- Fully MANPRINT compliant
- C-130 air transportable
- U.S. Army proven ultra-reliability
- High parts commonality with family of 16+ vehicles
- U.S. Army certified 22-year corrosion protection
- Highest proven reliability of any tactical vehicle
- FMVSS & ADR compliant
VEHICLE SPECIFICATIONS

- Length: 413.4 in (10,500 mm)
- Width: 98.4 in (2,500 mm)
- Height:
  - Operational: 113.3 in (2,877 mm)
  - For Air Transport: 105.5 in (2,680 mm)
- Wheel Base: 229.1 in (5,820 mm)
- Ground Clearance:
  - Loaded: 22.8 in (580 mm)
- Approach/Departure Angle: 40°/30°
- Vehicle Curb Weight with Fuel: 36,800 lb (16,692 kg)
- Payload: LH Lift Capacity 36,376 lb (16,500 kg)
- Towed Load: LH Trailer and Payload 45,856 lb (20,800 kg)
- Maximum Speed:
  - Governed, at Gross Weight: 57.8 mph (93 km/h)
- Range, 145 gal (550 L) Nominal: 567 mi (913 km)
- Maximum Grade/Side Slope: 60%/30%
- Turning Circle:
  - Curb-to-Curb: 82 ft (25 m)
- Fording, without Kit: 31.5 in (800 mm)
- Fording, with Kit: 20 ft (6.1 m)

EQUIPMENT SPECIFICATIONS

- Brakes:
  - Primary: Front: Air/Hydraulic, Rear: Air
  - Dual-Circuit, Four Channel Air, Anti-Lock Braking System (ABS)
  - with Trailers ABS Connectors for Emergency Towing
  - FMVSS & ADR Compliant
  - Supplemental: Air Actuated, Driver Controlled
- Engine:
  - Caterpillar C9 Heavy Duty Diesel, 6-Cylinder, Electronic Controlled, Fuel-Injected Turbocharged and Aftercooled, EPA Certified
  - Rating: 450 hp (336 kW) @ 2300 rpm
  - Displacement: 537 cu in (8.8 L)
  - Torque: 1,362 lb-ft (1,846 Nm) @ 1600 rpm
  - Oil: MIL-L-2104D, MIL-L-46167, 22 qt (21 L)
  - Transmission:
    - Allison 4500SP Automatic/Select 6-speed, Electronically Controlled
    - ZF 2-speed Transfer Case
    - Oil: MIL-L-2104D, MIL-L-46167, 31.8 qt (30 L)
  - Axles:
    - ArvinMeritor Front, Intermediate, and Rear Axles
    - Carrier Single Reduction, Amboid Gearing Wheel End
    - Bevel Wheel End Reduction, Ratio 2:1
    - Overall Axle Gear Ratio: 7.8:1
    - Front Axle Steering Angle: 35°
- Electrical:
  - System: 12/24 volt, EMI/HAEMP Qualified, Resettable Circuit Breakers, Central Power Distribution Panel, Battery and Charging Management System
  - Alternator: 260 amp, 12/24 volt, Waterproof, EMI/RFI Suppressed
  - Starter: 24 volt Waterproof
  - Instrumentation: SAE J1708 Data Bus Driven
  - Lighting: LED Marker, Stop, Tail, and Blackout Lighting
  - Tires: Goodyear 395/85R20 All-Terrain Radial

FOR MORE INFORMATION CONTACT:

BAE Systems
5000 I-10 West
Sealy, TX 77474 USA
Telephone 281-856-0139
Toll Free 866-390-1944
Fax 979-885-7910
Email sales.mhv@baesystems.com
www.baesystems.com

This document gives only a general description of the product(s) or services and except where expressly provided otherwise shall not form part of any contract. From time to time, changes may be made in the products or the conditions of supply. BAE Systems reserves the right to change product specifications without prior notice.

© 2009 BAE Systems All rights reserved.