**MPT Configurations**

**Cab & Chassis Base Platform**
- Multi-purpose 4x4 vehicle with 2-seat cab and chassis that can be fitted with a variety of special purpose cargo/adjunct modules.
- Length: 520.7 cm (205 in.)
- Width: 232.9 cm (91.7 in.)
- Height: 208.3 cm (82 in.)
- Payload: Variable
- Gross Weight Rating: 8,392 kg (18,500 lb.)
- Cruising Range: 400 km (250 mi.)
- Max Crew: 2

**Rolling Chassis**
- Complete rolling chassis ready for adaptation to a variety of cab and module configurations.

**2-Man w/Flat Bed**
- Potential Configuration: Multi-purpose 4x4 vehicle with flat bed that can be integrated with a variety of equipment and cargo containers.
- Length: 520.7 cm (205 in.)
- Width: 232.9 cm (91.7 in.)
- Height: 208.3 cm (82 in.)
- Payload: Variable
- Gross Weight Rating: 8,392 kg (18,500 lb.)
- Cruising Range: 400 km (250 mi.)
- Max Crew: 2

**2-Man w/Cargo Box**
- Potential Configuration: 4x4 vehicle with cargo box and flat bed.
- Length: 520.7 cm (205 in.)
- Width: 232.9 cm (91.7 in.)
- Height: 208.3 cm (82 in.)
- Payload: Variable
- Gross Weight Rating: 8,392 kg (18,500 lb.)
- Cruising Range: 400 km (250 mi.)
- Max Crew: 2

**2 + 6 Personnel Carrier**
- Potential Configuration: 4x4 vehicle with 2-seat cab and 6-seat personnel carrier module. Includes an articulating power rear access door system.
- Length: 520.7 cm (205 in.)
- Width: 232.9 cm (91.7 in.)
- Height: 259.1 cm (102 in.)
- Payload: Variable
- Gross Weight Rating: 8,392 kg (18,500 lb.)
- Cruising Range: Variable
- Max Crew: 8

**4-Man Base w/Cargo Box**
- Potential Configuration: 4x4 vehicle with 4-seat cab and cargo box.
- Length: 520.7 cm (205 in.)
- Width: 232.9 cm (91.7 in.)
- Height: 208.3 cm (82 in.)
- Payload: Variable
- Gross Weight Rating: 8,392 kg (18,500 lb.)
- Cruising Range: 400 km (250 mi.)
- Max Crew: 4
The Multi-Purpose Truck (MPT) is a commercial base 4x4 platform chassis truck (cab and chassis) with 8,392 kg (18,500 lb) GVWR and with a variable payload capacity dependent on configuration, engineered to serve the extreme-environment needs of energy, mining, industrial, and government customers around the world. The MPT is engineered and designed based on existing and front-proven AM General components, Off-the-Shelf (OTS) AM General items, Commercial Off-the-Shelf (COTS) items from other commercial vehicles, and Military Commercial Off-the-Shelf (M-COTS) items.

The MPT base platform utilizes an eight cylinder, 6.5L, electronic turbo diesel engine that produces 250 hp and 550 lb of torque. An electronic-controlled 6-speed Allison® automatic transmission and 2-speed mechanical shift transfer case drive independent axles with geared hubs. The MPT utilizes a front and rear independent suspension module, which improves mobility and adaptability while providing higher ground clearance and the extra wheel travel needed in all-terrain conditions. An anti-lock braking system (ABS) with 4-wheel inboard mounted disc brakes is standard. The MPT’s electrical system utilizes a dual-voltage (12 & 24 volt) system designed to meet the power requirements of the vehicle and a range of power demands for special-purpose modules while providing reliable performance in harsh operating environments. The charging system includes a 400-amp alternator and external solid state voltage regulator. Solid state modules are used for circuit protection in place of traditional circuit breakers and relays. The solid state modules provide the ability to control electrical loads with software and provide enhanced fault detection diagnostics.

The MPT’s 3.46 m (136.3 in.) wheelbase open chassis is designed to accept a variety of special purpose bodies/modules including an ambulance body, wrecker body, crew transport body, flatbed transport body, communication body, cargo carrying body, and tactical configurations that attach to the base MPT frame at predefined mounting locations.

### Variants

The MPT was designed to allow customers to configure payload modules based on their needs. The Cab & Chassis Base Platform is the base vehicle configuration. MPT modules can be developed by the purchasing country’s engineering experts or, if needed, by AM General engineers. Modules can include several applicable configurations utilizing 2-man cab. Other variants include the 2-man w/ Flat Bed, 2 + 6 Personnel Carrier, 4-man Base w/ Cargo box, and 9-Crew Capacity Vehicle.

### Personnel Carrier

The MPT 2 + 6 Personnel Carrier concept seats a crew of six. The module has a rear access door articulated by a powered mechanical unit. Additional internal components can be configured to include specialized seating, intercom headsets (hanging), RWS controls, and radios.

### Mobility

The MPT has a high mobility suspension system with independent double-A” arms, spool and coil springs, and hydraulic shock absorbers. The suspension system is characterized as a passive system with load setting capability on the rear load leveling. The springing and damping properties of suspension components (springs, shocks and control arms) are static and derived from constant force-displacement and force-velocity curves. In addition, the wheel and tire design provide traction for mobility and control through the complete range of vehicle loading conditions, while absorbing shocks and vibrations from the operational terrain.

### Protection

The MPT 2 + 6 Personnel Carrier offers the customer the ability to design a highly survivable module based utilizing the MPT payload capacity.

### Multi-Mission Platform

The MPT provides a multi-purpose platform capable of integrating a multitude of modules, weapons and additional internal components.

### Standard Accessories

- Fire Extinguisher
- Run Flat Tires
- Power Management System
- Winch
- Central Tire Inflation System (CTIS)

AM GENERAL is a registered trademark of AM General LLC. MPT and YOUR COUNTRY. YOUR TRUCK are trademarks of AM General LLC. ALLISON is a registered trademark of Allison Transmission, Inc.