



## MPT MULTI-PURPOSE TRUCK

# MPT Powered Chassis



The Multi-Purpose Truck (MPT) Powered Chassis is a commercial base, 4x4 platform truck chassis engineered to serve the extreme environment needs of energy, mining, industrial and government customers around the world. The MPT chassis is available as a fully assembled rolling chassis (complete frame, powertrain and driveline) ready for adaptation to a variety of cab and body configurations or as a knockdown set of components which can be customer assembled.

The MPT chassis utilizes a full box section frame assembly with front and rear bumpers/tie downs and body mounts and a high mobility independent suspension system with load leveling capability. The service brake system includes an electronically-controlled anti-lock brake system (ABS) for superior directional stability. The powertrain features a General Engine Products V8, 6.5L engine (Optional Cummins ISV5.0) and an electronic-controlled 6-speed Allison 2550SP automatic transmission.

Consider the benefit of being able to purchase this extremely rugged powered chassis for the most demanding applications imaginable. Consider the power of the MPT mated with a body of your design targeted for your most extreme requirements.



## MPT MULTI-PURPOSE TRUCK

# MPT Powered Chassis



**GVWR**  
18,500 lb. (8,392 kg)

**Chassis Weight**  
7,765 lb. (3,522 kg)

**Towed Load Allowance**  
4,200 lb. (1,905 kg)

**Shipping Dimensions**  
708 cubic ft. (20 cubic m)  
120 sq ft. (11.15 sq m)  
203 in. (5.16 m) Length  
85 in. (2.16 m) Width  
71 in. (1.80 m) Height

**Track Width**  
73.6 in. (1.87 m)

**Wheelbase**  
136.3 in (3.46 m)

**Turning Radius**  
26.5 ft. (8.08 m)

**Ground Clearance**  
16 in (0.41 m)

**Angle of Approach**  
60°

**Angle of Departure**  
45°

**Ramp Breakover Angle**  
19°

**Grade Capability**  
60%

**Side Slope Capability (at GCW)**  
40%

**Climb Capabilities**  
18 in. (0.46 m) Vertical Step

**Cargo Bed Height (at GCW)**  
40 in. (1.02 m)

**Engine**  
General Engine Products (GEP)

**V8, 6.5L Turbocharged Diesel**

Horsepower  
@ 3,200 RPM:  
250 HP (186KW)

**Torque**  
@1,800 RPM:  
550 lb.-ft (746 N•m)

**Transmission**  
Allison 6-Speed Automatic

**Transfer Case**  
2 Speeds  
Ratios: High - 1:1; Low -  
2.72:1

**Differentials**  
Front and Rear - Hypoid  
Ratios 3.08:1

**Frame**  
Steel Box Section  
5 Crossmembers

**Front Suspension**  
Independent Double  
A-Arm; Coil Spring;  
Telescopic Shock Absorbers

**Rear Suspension**  
Independent Double  
A-Arm; Coil Spring;  
Telescopic Shock Absorbers

**Geared Hubs**  
Ratios: 2.25:1

**Wheels**  
Two-Piece Take Apart

**Tires**  
Non-Directional  
Cross-Country Tread;  
365/80 R20;  
Load Range: L

**Service Brakes**  
Type: Disc - Front & Rear  
Dual Master Cylinder with  
ABS; Rotor Size - 330 mm  
Dia.; Lining Area - 11.5 sq in.  
(74.2 cm<sup>2</sup>) (89.2 sq in.  
(575.5 cm<sup>2</sup>) Total)

**Parking Brakes**  
Single Disc, Independent,  
Hand-Operated Lever

**Heating/Ventilating/Air Conditioning**  
HVAC meets area of operation  
and crew requirement

**Electrical System**  
Dual Voltage 14V/28V  
400-amp Alternator

**Fuel Capacity**  
30 gal. (113 L)

**Performance**  
Variable

**Maximum Speed**  
70 mph (113 kph)

**Deep Water Fording**  
30 in. (0.76 m)

**Run Flat Capability**  
30 miles @ 30 mph  
(48 km @ 48 kph)

**Transport Modes**  
Highway, Rail, Marine, and Air



AM General Headquarters  
105 N. Niles Ave  
South Bend, IN 46617  
(574) 237-6222  
[www.amgeneral.com](http://www.amgeneral.com)