

M1100 SERIES HMMWV

# M1165A1 Special Ops



**PERFORMANCE** — HMMWV is the world-standard family of light, tactical vehicles. It is a lightweight, high-performance, independent four-wheel drive, versatile and adaptable platform that currently supports more than 100 different systems.

**PAYLOAD** — The M1165A1 Special Ops HMMWV is specifically designed to support operational requirements under increased payloads without sacrificing mobility, dependability or performance. Payload varies by armor configuration and fragmentation kit, and ranges from 2,230 to 4,950 lb. Air transportable and droppable, the M1165A1 can be sling-loaded by helicopter.

**PROTECTION** — In addition to the factory-installed “A” armor kit, the M1165A1 Special Operations HMMWV can be supplemented with additional armor, which is tailored to meet specific mission requirements.





## M1100 SERIES HMMWV

# M1165A1 Special Ops

### M1100 FAMILY OF VEHICLES



M1151



M1152



M1165



M1167

#### GVW

M1165: 12,100 lb. (5,488 kg)  
 M1165A1: 12,100 lb. (5,488 kg)  
 M1165A1 w/B3: 12,100 lb. (5,488 kg)

#### Payload

M1165: 4,950 lb. (2,245 kg)  
 M1165A1: 4,870 lb. (2,209 kg)  
 M1165A1 w/B3: 2,230 lb. (1,102 kg)

#### Curb Weight

M1165: 6,550 lb. (2,971 kg)  
 M1165A1: 7,230 lb. (3,279 kg)  
 M1165A1 w/B3: 9,870 lb. (4,477 kg)

#### M1165A1 SPECIAL OPS SPECIFICATIONS

#### Shipping Dimensions

745 cubic ft. (21.10 cubic m)  
 117 sq ft. (10.87 sq m)  
 194.0 in. (4.93 m) Length  
 87.0 in. (2.21 m) Width  
 76.25 in. (1.94 m) Height

#### Center of Gravity (at curb weight)

30.2 in. (76.71 cm)  
 Above Ground  
 60.4 in. (1.53 m)  
 Rear of Centerline at Front Axle

#### Track Width

71.6 in (1.82 m)

#### Wheelbase

130 in. (3.30 m)

#### Turning Radius

25 ft. (7.62 m)

#### Ground Clearance

18.2 in. (46.23 cm)

#### Angle of Approach

48.0°

#### Angle of Departure

40.0°

#### Special Ops Options

Low profile weapons mount  
 3-bay ammo can holder  
 A-frame spare tire carrier with 7,000 lb. jack  
 Running boards with handholds  
 Rear gun mounts with pintle (up to 4)  
 Rear equipment shelf with stowage box  
 Cargo rear side boards  
 Side door gun mounts (up to 3)  
 4-bay ammo can holder (on top A/C evaporator)  
 3-bay ammo can holder (rear cargo LH)  
 2-bay ammo can holder (rear cargo RH)  
 7-water can area with tie down  
 Hood mounted Pioneer tool kit

#### Ramp Breakover Angle

25°

#### Grade Capability (at GCW)

40%

#### Side Slope Capability (at GCW)

30%

#### Climb Capability (at GCW)

18 in. (45.72 cm)  
 Vertical Step

#### Cargo Bed Height (at GCW)

38.5 in. (97.79 cm)

#### Engine

General Engine Products (GEP)  
 V8, 6.5L Turbocharged Diesel

#### Horsepower

@ 3,400 RPM:  
 190HP (142KW)

#### Torque

@ 1,700 RPM:  
 380 lb.-ft (515 N•m)

#### Transmission

General Transmission Products (GTP)  
 4-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-Frame; Coil Spring;  
 Telescopic Shock Absorbers

#### Rear Suspension

Independent Double  
 A-Frame; Coil Spring;  
 Rate - Variable;  
 Telescopic Shock Absorbers

#### Geared Hub

Ratios: 1.92:1

#### Wheels

Two-Piece Take Apart;  
 16.5 x 8.25 x 6.5 BC

#### Tires

Non-Directional  
 Cross-Country Tread;  
 37 x 12.5R-16.5;  
 Load Range: E

#### Service Brakes

Type: Disc - Front & Back  
 Dual Master Cylinder with  
 Hydroboost;  
 Rotor Size - 306.8 mm Dia.;  
 24-mm Thick;  
 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

Dual Disc, Independent,  
 Hand-Operated Lever

#### Electrical System

Dual Voltage 14V/28V

#### Fuel Capacity

25 gal. (95 L)

#### Performance

250 mile (402 km) Cruising Range

#### Maximum Speed

70 mph (113 kph)

#### Deep Water Fording

30 in. (0.76 m),  
 60 in. (1.52 m) w/ Kit

#### Run Flat Capability

30 miles @ 30 mph  
 (48 km @ 48 kph)

#### Transportability Modes

Highway, Rail,  
 Marine, and Air



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