

M1100 SERIES HMMWV

M1165A1



PERFORMANCE — The M1165 is an Expanded Capacity Command and Control/General Purpose HMMWV. It is a four-man vehicle which can be used for a variety of missions, from command and control to armed patrol, and is available with an optional Weapons Mount and Turret. It is also produced as a customized model for special operations.

PAYLOAD — As an Expanded Capacity Vehicle, the M1165 is specifically designed for use over all types of roads, as well as cross-country terrain, and in all weather conditions without sacrificing mobility, dependability or performance. The M1165 payload varies by armor configuration and fragmentation kit, ranging from 2,230 to 4,950 lb. The M1165 is air transportable and droppable, and can be sling-loaded by helicopter.

PROTECTION — The M1165A1 provides superior protection for crew, weapons components, and ammunition. With the addition of the “B” kit, the M1165A1 provides gapless mine and ballistic protection. The additional armor and fragmentation kits are field installable and removable to provide flexibility for missions that do not require heavy protection. The vehicles are equipped with an A/C system to provide greater crew comfort.



M1100 FAMILY OF VEHICLES



M1151



M1152



M1165 Special Operations



M1167

M1100 SERIES HMMWV

M1165A1

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)
 M1165A1w/B3: 9,870 lb. (4,477 kg)

M1165A1 SPECIFICATIONS

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

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
 30.2 in. (76.71 cm)
 (at curb weight)
 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°

M1165A1 includes standard:

Underbody armor
 Rocker armor
 Lower windscreen deflector armor
 Energy absorbing seats

M1165A1 w/B3: Plant or Field Installable B3 Kit includes:

Perimeter armor
 Overhead armor
 Rear ballistic bulkhead
 Note: Aluminum roof/rear panel is required with B3 Kit.

Optional Frag Kits:

Frag 1: Side and door perimeter protection
 Frag 2: Front cowl, and wheel well protection
 Frag 5: Door and SMCL (Single Movement Combat Lock)

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 cm²)
 (89.2 sq in. (575.5 cm²) 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 Forging
 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



**FOR MORE INFORMATION,
 PLEASE CONTACT US:**

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