

M1100 SERIES HMMWV

M1152A1



PERFORMANCE — The M1152 is an Expanded Capacity Enhanced IAP/Armor Ready cargo/troop carrier/utility vehicle. The M1152 can carry up to eight passengers with the Armor Troop Enclosure or Troop Seat option.

PAYLOAD — As an Expanded Capacity Vehicle, the M1152 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 M1152 payload varies by armor configuration and fragmentation kit, ranging from 3,340 to 5,100 lb. The M1152 is air transportable and droppable, and can be sling-loaded by helicopter.

PROTECTION — The M1152A1 provides superior troop protection. With the addition of the “B” kit, the M1152A1 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 SERIES HMMWV

M1152A1

M1100 FAMILY OF VEHICLES



M1151



M1165 Special Ops



M1165



M1167

GVW

M1152: 12,100 lb. (5,488 kg)
 M1152A1: 12,100 lb. (5,488 kg)
 M1152A1 w/B2: 12,100 lb. (5,488 kg)

Payload

M1152: 5,100 lb. (2,313 kg)
 M1152A1: 5,000 lb. (2,278 kg)
 M1152A1 w/B2: 3,340 lb. (1,515 kg)

Curb Weight

M1152: 6,400 lb. (2,903 kg)
 M1152A1: 7,100 lb. (3,221 kg)
 M1152A1 w/B2: 8,760 lb. (3,973 kg)

M1152A1 SPECIFICATIONS

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

Shipping Dimensions
 728 cubic ft. (20.61 cubic m)
 117 sq ft. (10.87 sq m)
 194 in. (4.93 m) Length
 87 in. (2.21 m) Width
 76 in. (1.93 m) Height

Center of Gravity (at curb weight)
 29.9 in. (75.95 cm)
 Above Ground
 59.5 in. (1.51 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 in. (45.72 cm)

Angle of Approach
 48°

Angle of Departure
 39°

M1152A1 includes standard:

Underbody armor
 Rocker armor
 Lower windscreen deflector armor
 Energy absorbing seats

M1152A1 w/B2: Plant or Field Installable B2 Kit includes:

Perimeter armor
 Overhead armor
 Rear ballistic bulkhead
 Note: Aluminum roof/rear panel is required with B2 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 in. (96.52 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 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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