



PATROL^{MC}

SPECIFICATIONS



DIMENSIONS

Overall length (basic vehicle)	4031 mm (159 in)
Overall width	
31.5 in tracks	2362 mm (93 in)
35.5 in tracks	2565 mm (101 in)
44 in tracks	2997 mm (118 in)
Overall height	2758 mm (109 in)
Ground clearance	370 mm (15 in)
Shipping weight (Basic vehicle with 31.5 in steel tracks)	3516 kg (7750 lb)

PERFORMANCE

Payload	454 kg (1000 lb)
Gross vehicle weight	3855 kg (8500 lb)
Maximum speed	32 km/h (20 mph)
Inside turning radius	0 m (0 in)
Ground pressure (44-in tracks)	150 mm (6 in) penetration
Basic vehicle (7500 lbs)	45.9 g/cm ² (0.65 psi)
Gross weight (8500 lbs)	63.1 g/cm ² (0.74 psi)
Maximum gradeability	
Uphill / Downhill	100%
Sidehill	75%

ENGINE

Make	Perkins
Model	1104C-E44T
Number of cylinders	4
Displacement	4.4 L (269 in ³)
Horsepower @ 2400 rpm	86 kW (115 hp)
Torque @ 1400 rpm	391 N·m (288 ft·lb)

POWER TRAIN

Transmission	
Model	Sauer-Danfoss series 90

Type	Hydrostatic
Planetary (final drives)	Fairfield
Brakes	
Service	Positive deceleration through the hydrostatic transmission
Parking	Multidisc, spring applied, pressure-released

STEERING

Independent control of each track through microprocessor
Steering wheel and forward / neutral / reverse lever

ELECTRICAL

Voltage	12/24 V
Alternator capacity	75 A
Battery capacity	2 x 750 CCA

SUSPENSION

Type	Independent suspension - long travel with rubber dampening
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WHEELS

Quantity	8
Type	Pneumatic
Size	560/140-12

TRACKS

Steel type	Semi-closed profile, light steel cross-link Available in 44-in width
Rubber type	Aluminum crosslinks covered with rubber

CHASSIS

Type	Heat-treated, stress-relieved tubular frame
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CAPACITIES

Cooling system	20 L (5.3 US gal) approx.
Fuel tank	200 L (53 US gal)
Engine crankcase	7 L (1.8 US gal)
Hydrostatic system	26 L (7 US gal) approx.

CAB

2-person cab
2-point safety belts (2)
Adjustable seats
Heater with adjustable temperature and fan control
Dome lamp
2 exterior mirrors
Front and rear wipers
2 front and 2 rear halogen lights
Sunroof
Coat hangers

STANDARD EQUIPMENT

S1X microprocessor-assisted control

Anti-freeze up to -37°C (-35°F)

Parking brake w/automatic application upon door opening

Glow plug starting aid

Back-up alarm

Parts, service & operator's manuals

Rear frame cover

Windshield washer

Horn

Gauges & indicators:

Hour meter

Fuel gauge

Tachometer

Engine temperature gauge

Hydrostatic oil temperature gauge

Warning buzzers:

Engine temperature

Engine oil pressure

Hydrostatic oil temperature

Hydrostatic oil low level

Parking brake

OPTIONAL EQUIPMENT

Rear platform

Engine block heater (750W/120V)

Hydrostatic oil heater & engine

Windshield brush guard & headlight protector

Rear pintle hook

Belly pans

Sun visors

Beacon light

4 additional front lights

Anti-vandalism kit

Radio (AM/FM, CD) with speakers

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