

M1030M1 JP8/DIESEL MILITARY MOTORCYCLE

ENGINE

Type:	4-Stroke, IDI, single cylinder, liquid cooled.
Displacement:	611cc
Power:	30 PS @ 5700 RPM
Torque:	33 ft-lbs @ 4200 RPM
Lubrication:	Wet sump, compatible with MIL-L-2104 lubricant.
Air Filtration:	High capacity, 3-stage, oiled foam, reusable
Transmission:	5-speed, constant mesh, return shift.
Final Drive:	Self lubricated, sealed, O-ring roller chain.

ELECTRICAL

Battery:	12 volt, 625 CCA "Dry Cell" Maintenance Free
Alternator:	14 amp, 14 volt, AC, Three Phase
Standard Lighting:	DOT approved lighting system.
Blackout Lighting:	Driving, Marker & Tail/Stop lights meeting MIL-STD-1179. IR Driving Light Optional

CONTROLS & INSTRUMENTATION

Handlebar & Controls:	Heavy duty with integral hand and control guard.
Throttle:	Dual cable with auto & manual return, water & dust resistant.
Cables:	Nylon lined, water & dust resistant.
Speedometer:	Calibrated in MPH & KPH with resettable odometer, illuminated.
Instruments:	Illuminated speedometer, calibrated in mile/hr & km/hr, with resettable odometer. Tachometer and Engine coolant temperature gauge. Glow plug, neutral, high beam, and turn signal warning lights

CHASSIS

Frame:	Welded steel mainframe with removable rear section.
Front Suspension:	Telescopic forks, hydraulic damped & sealed with non-reflective boots.
Rear Suspension:	Swing arm with single shock AUni-Trak® multi-link system, sealed needle bearings at all pivot points.
Engine Guards:	Skid plate with tubular engine & radiator guard.
Foot Pegs:	Safety folding, spring return.
Fuel Tank:	Rotationally molded plastic, 4.2 gallon capacity.
Wheels:	Heavy duty, spoked with high tensile alloy rims.
Tires:	Dunlop D606, Dual-Purpose (on/off-road) tires, DOT approved.
Brakes:	Front, hydraulic disc. Rear, hydraulic disc.
Plastics:	Headlight cover Air filter box Fenders Seat base Side panels Chain guard
Tools:	Full operator tool kit.
Equipment Rack:	Heavy Duty, rear equipment rack with 50 lb capacity standard.
Equipment Case:	Side mounted, hard side equipment cases optional.

WEIGHTS & MEASUREMENTS:

Dry Weight:	369 lbs
Max Width:	35.75 inches
Max Length:	85 inches
Wheel Base:	57 inches
Ground Clearance:	10.7 inches

FUEL: Diesel/Aviation Kerosene (JP8)/ Biodiesel

PERFORMANCE:

Acceleration:	0-30 mph (53 kph), 3.3 sec 0-60 mph (106 kph), 9.7 sec
Gradeability:	60% (32V)
Turning Radius:	Less than 7 feet
Maximum Speed:	In excess of 90 mph.
Minimum Constant Speed:	Less than 3 mph.
Fording Depth:	24 inches
Fuel Mileage:	96 mpg @ 55 mph (Tested)
Range:	408 miles @ 55 mph



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