

M1030B1 MILITARY MOTORCYCLE

(GASOLINE FUELED)

ENGINE

Type: 4-Stroke, single cylinder, liquid cooled.

Displacement: 651cc

Power: 48 PS @ 6500 RPM

Torque: 40 ft-lbs @ 5500 RPM

Lubrication: Wet sump, compatible with MIL-L-2104, MIL-L-46152 & MIL-L-46167 lubricants.

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, 545 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: Tachometer, engine temperature gauge, neutral, directional, high beam, and turn signal indicators.

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 "Uni-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, 6.1 gallon capacity. Translucent to indicate fuel level.

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
Fenders
Side panels
Air filter box
Seat base
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.

FUEL: Leaded or Unleaded Gasoline/MOGAS

PERFORMANCE:

Acceleration: 0-30 mph (53 kph), 2.4 sec
0-60 mph (106 kph), 5.7 sec

Gradeability: 60% (32°)

Turning Radius: Less than 7 feet

Maximum Speed: In excess of 105 mph.

Minimum Constant Speed: Less than 3 mph.

Fording Depth: 24 inches

Fuel Mileage: 55 mpg @ 55 mph

Range: 335 miles @ 55 mph



CHASSIS

WEIGHTS & MEASUREMENTS:

Hayes Diversified Technologies

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