

MCM KP80 ROAD ROLLER

Heavy Compaction. Professional Performance.



Honda GX390 Engine

Powerful. Reliable. Proven.



800 kg Operating Weight

Stable performance
for every job.



635 mm Drum Width

High compaction in
compact size.



70 Hz Vibration Frequency

Consistent vibration for
maximum compaction.



Website : www.MCMGROUP.co.za



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MCM KP80 ROAD ROLLER

MCM

TECHNICAL SPECIFICATIONS



1) ENGINE SPECIFICATIONS

Honda GX390 - Engineered For Success

ENGINE SPECIFICATIONS	
Model	GX390
Type	4-stroke, OHV, single cylinder, inclined by 25°
Displacement	389 cm ³ (23.7 cu-in)
Max. Horsepower	13.0 HP (10.0 kW) @ 3,600 rpm
Max. Torque (Crank PTO)	27 Nm (2.7 kg-m, 20.0 ft-lb) @ 2,500 rpm
Carburetor	Horizontal type, butterfly valve
Cooling System	Forced-air
Ignition System	Transistorized magneto ignition
Lubricating System	Forced splash
Starting System	Recoil and starter motor
Stopping System	Ignition primary circuit ground
Fuel Used	Unleaded gasoline (octane number 86 or higher)
Fuel Consumption	2.7 Litres (0.71 US gal) / h
PTO Shaft Rotation	Counterclockwise (from PTO shaft side)

HONDA GX390K1 (TYPE S)

Length, mm (in)	380 (15.0)
Width, mm (in)	450 (17.7)
Height, mm (in)	443 (17.4)
Dry Weight, kg (lb)	33.0 (68.3)
Operating Weight, kg (lb)	37.0 (81.6)

2) STATIC DIMENSIONS



STATIC DIMENSIONS

A	Operating Length, mm (in)	2450 (96.45)
B	Travel Length, mm (in)	1300 (51.18)
C	Wheelbase, mm (in)	640 (25.19)
D	Drum Diameter, mm (in)	340 (13.38)
E	Ground Clearance, mm (in)	250 (9.84)
F	Operating Height, mm (in)	1210 (47.63)
G	Travel Height, mm (in)	1760 (69.29)
H	Height of Guide Bar, mm (in)	900 (35.43)
I	Height of Joystick, mm (in)	1050 (41.33)
J	Drum Width, mm (in)	635 (25)
K	Side Overhang, mm (in)	30 (1.18)

3) OPERATING DATA

OPERATING DATA	
Operating Weight, kg (lb)	800 (1763.7)
Drive System	Hydraulic Transmission
Vibration Frequency, Hz (vpm)	70 (420)
Nominal Amplitude (front/rear), mm (in)	0.5mm (0.019in)
Static Linear Load, N.cm (ozf.in)	75 (106.2)
Driving Speed, km/h (mph)	0 - 4 (0 - 2.48)
Fuel Tank Capacity, L (gal)	6 (1.58)
Hydraulic Oil Tank Capacity, L (gal)	20 (5.28)
Water Tank Capacity, L (gal)	26 (6.86)
Starting System	Electric / Manual
Sprinkler System	Gravity
Parking Brake	Manual



Honda
GX390 Engine



800 kg
Operating Weight



635 mm
Drum Width



Hydraulic
Transmission



70 Hz
Vibration Frequency



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