

MCM

BUILT TO PERFORM

MCM R1000 ROAD ROLLER

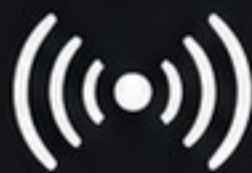
Ride-On Compaction. Professional Performance.

Ride-On Double Drum Vibratory Compactor



1000 kg

Operating Weight



70 Hz

Vibration Frequency



740 mm

Drum Width



Hydraulic

Double Drive



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MCM R1000

RIDE-ON ROAD ROLLER

MCM[®]



1 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)

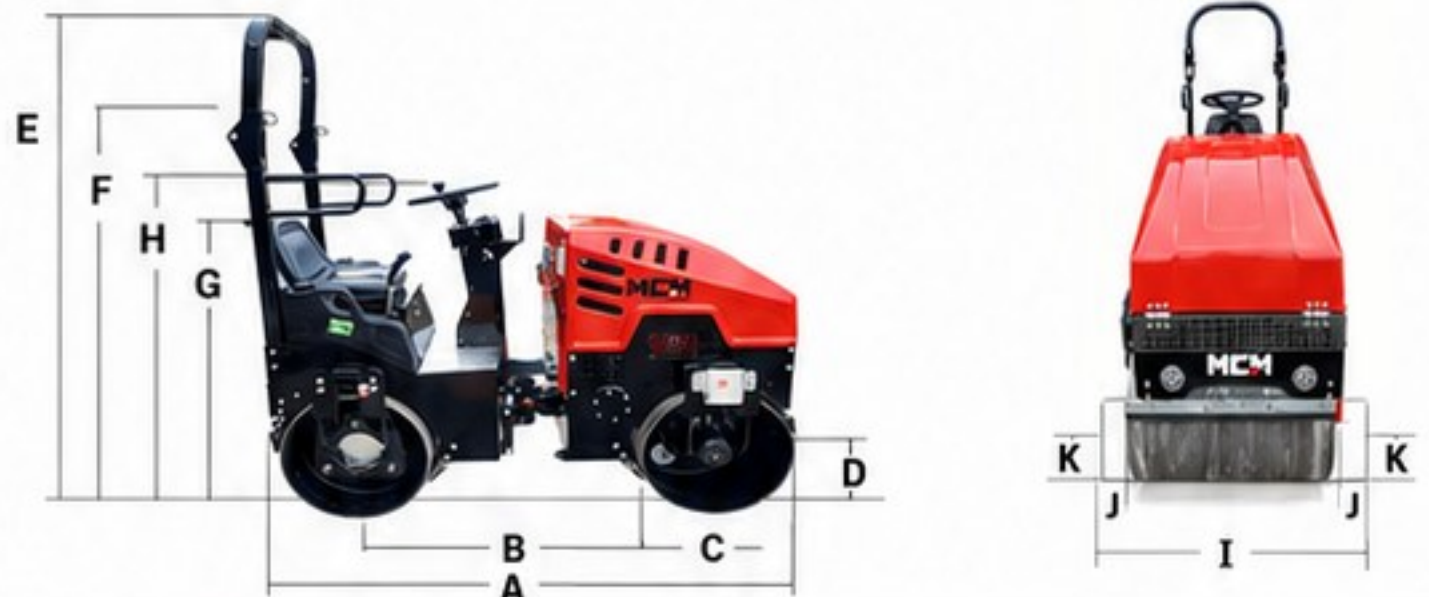
2 KM186F Diesel Engine Specifications



ENGINE SPECIFICATIONS	
Model	KM186F
Type	4-stroke, single cylinder, direct injection
Displacement	406 cm ³ (24.78 cu-in)
Max. Horsepower	9.2 HP (6.6 kW) @ 3,600 rpm
Cooling System	Forced-air
Lubricating System	Pressure Spray Compound
Starting System	Recoil and starter motor
Stopping System	Ignition primary circuit ground
Fuel Used	Diesel
Fuel Tank Capacity	5.5 L (1.21 gal)
Valve clearance (cold)	0.10-0.15 mm (0.0039-0.0059 in)
Recommended oil	SAE 10W-30 or similar
Oil capacity	1.65 l (0.36 gal.)
Injection pressure	200 kg/cm ² (19.6 MPa)

KAMA KM186F	
Length, mm (in)	420 (16.54)
Width, mm (in)	440 (17.32)
Height, mm (in)	495 (19.49)
Weight, kg (lb)	48.0 (105.6)

3 Dimensions & Operating Data



STATIC DIMENSIONS		
A	Operating Length, mm (in)	1950 (76.8)
B	Wheelbase, mm (in)	1240 (48.8)
C	Drum Diameter, mm (in)	540 (21.3)
D	Ground Clearance, mm (in)	250 (9.8)
E	Operating Height, mm (in)	2060 (81.1)
F	Travel Height, mm (in)	1670 (65.7)
G	Seat Height, mm (in)	970 (38.2)
H	Height of Steering Wheel, mm (in)	1400 (55.1)
I	Travel Width, mm (in)	850 (33.5)
	Drum Width, mm (in)	740 (29.1)
J	Side Overhang, mm (in)	Left 70 (2.75) Right 40 (1.6)
K	Curb Clearance, mm (in)	Left 20 (0.8) Right 42 (1.65)

OPERATING DATA	
Operating Weight, kg (lb)	1000 (2204.6)
Drive System	Hydraulic Double Drive
Vibration Frequency, Hz (vpm)	70 (420)
Nominal Amplitude (front/rear), mm (in)	0.6 (0.023)
Static Linear Load, N.cm (ozf.in)	56 (511.6)
Driving Speed, km/h (mph)	0 - 6 (0 - 3.7)
Fuel Tank Capacity, L (gal)	6 (1.58)
Hydraulic Oil Tank Capacity, L (gal)	35 (7.7)
Water Tank Capacity, L (gal)	60 (13.2)
Starting System	Electric/Manual
Sprinkler System	Pressure
Parking Brake	Automatic

www.MCMGROUP.co.za

CAPE TOWN

9 Karee Rd, Kraaifontein Industria, Cape Town, 7570

SALES

(+27) 21 001 8666

ruan@mcmco.co.za

GEORGE

Jura Lands, Beach Road, Hansmoeskraal, George, 6529

SALES

(+27) 44 878 2917

chris@mcmco.co.za

FREE STATE

Bloem Showgrounds, Curie Avenue, Generaal De Wet, Bloemfontein, 9301

SALES

(+27) 84 022 7300

clarence@mcmco.co.za

GAUTENG

26 Sterling Rd, Unit 1, Samrand Business Park, Midrand, 0117

SALES

(+27) 12 030 3451

sales@mcmco.co.za