



**Chicago
Pneumatic**



**People.
Passion.
Performance.**

Forward and Reversible Plates
Power and Speed for Light Compaction

Powerful Compaction in Both Directions

CP forward and reversible plate compactors deliver excellent compaction power and speed in either direction — even in the toughest conditions. You can back your way out of a trench while still compacting for enhanced productivity.

SMOOTH CONTROL

User-friendly controls allow smooth regulation of speed and compaction depth. Hydraulic forward/reverse system with lever is easy to operate for compaction “on the spot.”

EXTREME DURABILITY

The bottom plate is made of Hardox 400 steel for excellent wear. All units also feature a robust design with a protection frame that covers the engine and convenient service access.

REDUCED VIBRATION

Ergonomic handles have large shock absorbers to reduce operator fatigue. The dynamical balanced engine design also dampens vibration.

POWER AND RELIABILITY

High centrifugal force delivers efficient compaction. The Honda gasoline and Hatz or Lombardini electric-start diesel engines are in the highest environmental class.



MV 305



MV 480

FORWARD & REVERSIBLE PLATES	MV 165	MV 170	MV 220	MV 245 Electric Start	MV 305	MV 320 Electric Start	MV 400	MV 430 Electric Start	MV 480 Electric Start
Operating Weight kg (lb)	161.4 (365)	177.3 (391)	216.6 (478)	246.5 (543)	265 (584)	302 (666)	398 (877)	436 (961)	506.2 (1,116)
Centrifugal Force kN (lbf)	28 (6,295)	28 (6,295)	36 (8,093)	36 (8,093)	40 (8,992)	40 (8,992)	52 (11,690)	52 (11,690)	60 (13,489)
Max Speed m/min (ft/min)	22 (72.2)	22 (72.2)	23 (75.5)	23 (75.5)	25 (82)	25 (82)	25 (82)	25 (82)	25 (82)
Frequency Hz	80	80	65	58	68	68	60	60	60
Plate Width mm (in)	450 (17.7)	450 (17.7)	500 (19.7)	500 (19.7)	500 (19.7)	500 (19.7)	650 (25.6)	650 (25.6)	700 (27.6)
Engine	Honda GX 160 Gasoline	Hatz 1B20 Diesel	Honda GX 200 Gasoline	Hatz 1B20 Diesel	Honda GX 270 Gasoline	Hatz 1B30 Diesel	Honda GX 390 Gasoline	Lombardini 15 LD440/S Diesel	Hatz 1D50S Diesel
Power at Rated Speed kW at rpm (hp at rpm)	4.1 (5.7)	3.1 (4.3)	4.7 (6.4)	3.1 (4.2)	6.6 (8.8)	4.2 (5.7)	7.7 (10.5)	6.2 (8.3)	6.6 (8.8)
Sound Power Level Guaranteed* dB(A)	108	108	106	108	108	108	108	108	108
Sound Pressure at Operator's Ear* dB(A)	–	93	–	–	95	–	95	93	95
H/A Vibrations* m/s ²	1.5	2.4	3.5	3.5	2.4	1.7	2.5	2.1	2.4
Part Number	4812 0991 42	4812 0991 43	4812 0991 44	4812 0991 45	4812 0991 40	4812 0991 41	3382 0000 88	3382 0001 17	4812 0991 39

*Full details of measurement are available in the Safety and Operating Instruction of the product. It can be found on www.cpprintshop.com