



**Chicago  
Pneumatic**



**People.  
Passion.  
Performance.**

**Compaction Equipment**  
Durability for Demanding Jobs

# TOUGH JOBS DEMAND TOUGH MACHINES

Bridge repair. Road maintenance. Asphalt. Conditions like these demand tough equipment. And Chicago Pneumatic delivers with a complete range of durable solutions you can count on. From tampers to trench rollers, these units are easy to service, made to last and designed to give you the power and performance you need in the toughest conditions — day after day and job after job.



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MV165



## An Ideal Blend of Power and Speed

CP forward soil plates are built for the day-to-day demands of rental companies and contractors. They're suitable for compacting dirt, gravel, soil, asphalt and more.

When it comes to equipment, durability and ease of use are critical. CP forward soil plates give you both, with rugged components and a compact, maneuverable design. It's the right combination for speed and efficiency in a wide range of applications — including bike paths, sidewalks, landscaping and pothole repair jobs.



**RELIABLE PERFORMANCE**

Models feature Honda gasoline and Hatz diesel engines. They also deliver high centrifugal force for effective compaction.

**EASY HANDLING**

All models have a compact size that's convenient to maneuver.

**LOW MAINTENANCE**

Lifelong lubrication on the eccentric element makes maintenance easy with longer service intervals. Double-sealed, non-contact bearings also reduce wear. *All models except MV 82.*

**DURABLE CONSTRUCTION**

A durable frame and belt cover protect vital engine parts for long-term reliability. MV units also feature a cast iron plate with tapered edges and ends, an integrated roll cage and lifting point, and a V-belt ventilation system.



MV 100

KMR 11

**COMPACT DESIGN**

The KMR11 features a unique design for confined areas.

**FORWARD SOIL PLATES**

	MV 52	MV 82	MV 84 T	MV 100	MV 135	MV 140	KMR 11
<b>Operating Weight</b> kg (lb)	51 (113)	76 (166)	87 (191)	95 (208)	133 (293)	140 (308)	96 (212)
<b>Centrifugal Force</b> kN (lbf)	8 (1,888)	18 (4,047)	19 (4,361)	17 (3,754)	20 (4,451)	20 (4,451)	16 (3,597)
<b>Max. Speed</b> m/min (ft/min)	24 (78.7)	25 (82)	33 (108.3)	25 (82)	22 (72.2)	22 (72.2)	22 (72.2)
<b>Frequency</b> Hz	95	90	95	95	95	95	75
<b>Plate Width</b> mm (in)	320 (12.6)	460 (18.1)	420 (16.5)	500 (19.7)	500 (19.7)	500 (19.7)	450 (17.7)
<b>Engine</b> 4-stroke, manual start	Honda GX 100 Gasoline	Honda GX 160 Gasoline	Honda GX 160 Gasoline	Honda GX 160 Gasoline	Honda GX 160 Gasoline	Hatz 1B20 Diesel	Honda GX 160 Gasoline
<b>Power at Rated Speed</b> kW at rpm (hp at rpm)	2.2 (3.0)	4.1 (5.5)	4.1 (5.5)	4.1 (5.5)	4.1 (5.5)	2.5 (3.4)	4.1 (5.5)
<b>Sound Power Level Guaranteed*</b> dB(A)	100	104	102	104	104	104	104
<b>Sound Pressure at Operator's Ear*</b> dB(A)	89	92	91	93	95	93	92
<b>H/A Vibrations*</b> m/s <sup>2</sup>	6.9	16.5	6.7	6	5.4	6.8	6.1
<b>Part Number</b>	4812 0991 25	3382 0002 74	4812 0991 27	3382 0000 85	4812 0991 30	4812 0991 31	3382 0000 83

\*Full details of measurement are available in the Safety and Operating Instruction of the product. It can be found on [www.cprintshop.com](http://www.cprintshop.com)



*Shown with optional transport wheel kit.*

## Toughness from the Bottom Up

These models are ideal for asphalt applications that require a rugged workhorse for uninterrupted production.

Quality asphalt work requires a compactor with a top-quality bottom plate. CP's forward asphalt plates are specifically designed for compacting asphalt, offering a lighter weight, highly efficient solution. These units are perfect for parking lots, bike paths, pothole repair and other demanding applications where uninterrupted production is required.

### DETACHABLE WATER TANK

Water tank lifts off easily so there's no need to move the entire unit to a water source for refills. Large opening also makes it easy to refill.

### EASY TO MANEUVER

The lighter weight and smaller size make these units easy to turn and maneuver in a range of applications. Optional transport wheels make it easy for one person to move the unit around.

### CONSISTENT PERFORMANCE

These units deliver high centrifugal force and feature a V-belt ventilation system for efficient operation.

### QUALITY BOTTOM PLATE

The high-quality bottom plate is designed to eliminate asphalt pick-up. It also allows for good water distribution and consistent speed on the asphalt.

### HIGH-TECH ADJUSTABLE WATER DELIVERY SYSTEM

Unique system puts down a trail of water unlike any other in the industry. The valve control on top of the water tank allows the operator to control the flow of water.

MV 58A



FORWARD ASPHALT PLATES	MV 58A	MV 84 T	MV 90 AT	MV 90 AT	MV 100 AT	MV 115 AT
Operating Weight kg (lb)	63 (139)	87 (191)	92 (203)	95 (210)	109 (239)	118 (259)
Centrifugal Force kN (lbf)	10 (2,338)	19 (4,361)	15 (3,282)	15 (3,282)	17 (3,754)	17 (3,754)
Max. Speed m/min (ft/min)	25 (82)	33 (108.3)	27 (88.6)	24 (78.7)	25 (82)	25 (82)
Frequency Hz	95	95	95	95	95	95
Plate Width mm (in)	350 (13.8)	420 (16.5)	420 (16.5)	500 (19.7)	500 (19.7)	500 (19.7)
Engine 4-stroke, manual start	Honda GX 100 Gasoline	Honda GX 160 Gasoline	Honda GX 160 Gasoline	Honda GX 160 Gasoline	Honda GX 160 Gasoline	Hatz 1B20 Diesel
Power at Rated Speed kW at rpm (hp at rpm)	2.2 (3.0)	4.1 (5.5)	4.1 (5.6)	4.1 (5.6)	4.1 (5.6)	2.5 (3.4)
Sound Power Level Guaranteed* dB(A)	100	102	104	104	104	105
Sound Pressure at Operator's Ear* dB(A)	88	91	91	91	93	93
H/A Vibrations* m/s <sup>2</sup>	7.9	6.7	6	6	6	9.3
Part Number	3382 0005 53	3382 0003 71	3382 0000 84	4812 0991 32	4812 0991 28	4812 0991 29

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# Powerful Compaction in Both Directions

CP forward and reversible plates are used for compacting dirt, gravel and soil in a variety of applications.

Chicago Pneumatic forward and reversible plate compactors deliver excellent compaction power and speed in either direction. You can even back your way out of a trench while still compacting for enhanced productivity. These units are built for tough conditions with a heavy-duty frame and quality components. Vibration-dampened handles also add operator comfort and safety.







**SMOOTH CONTROL**

User-friendly controls allow smooth regulation of speed and compaction depth. Operators can change direction without removing their hands.

**EASY TRANSPORT**

Heavy-duty lift bar allows for convenient transport on the job site. *Not available on all models.*

**REDUCED VIBRATION**

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

**POWER AND RELIABILITY**

Models feature Honda gasoline or Hatz or Lombardini electric-start diesel engines.

**EXTREME DURABILITY**

The bottom plate is made of Hardox 400 steel for excellent wear. All units also feature a robust design with convenient service access.

MV 305

**SELF-CLEANING PLATE**

The large open space between the upper and lower mass allows debris to fall off for easy cleaning.



MV 320

FORWARD & REVERSIBLE PLATES	MV 165	MV 170	MV 224	MV 244 Electric Start	MV 305	MV 320 Electric Start	MV 400	MV 430	MV 504 Electric Start	MV 504 Electric Start
Operating Weight kg (lb)	161 (365)	177 (391)	211	244	265 (584)	302 (666)	398 (877)	436 (956.8)	469.5 (1,035.1)	498.5 (1,099)
Centrifugal Force kN (lbf)	28 (6,295)	28 (6,295)	36	36	40 (8,992)	40 (8,992)	52 (11,690)	52 (11.69)	65 (14,612)	65 (14,612)
Max. Speed m/min (ft/min)	22 (72.2)	22 (72.2)	23	22	25 (82)	25 (82)	25 (82)	25 (82)	30 (98.4)	30 (98.4)
Frequency Hz	80	80			68	68	60	60	60	60
Plate Width mm (in)	450 (17.7)	450 (17.7)	500	500	600 (23.6)	600 (23.6)	650 (25.6)	650 (25.6)	550 (21.7)	700 (27.6)
Engine	Honda GX 160 Gasoline	Hatz 1B20 Diesel	Honda® Petrol	Hatz Diesel	Honda GX 270 Gasoline	Hatz 1B30 Diesel	Honda GX 390 Gasoline	Lombardini 15 LD440 Diesel	Hatz 1D81Z Diesel	Hatz 1D81Z Diesel
Power at Rated Speed kW at rpm (hp at rpm)	4.1 (5.7)	3.1 (4.3)			6.6 (8.8)	4.2 (5.7)	7.7 (10.5)	6.4 (8.7)	9.2 (12.3)	6.6 (8.8)
Sound Power Level Guaranteed* dB(A)	108	108	106	108	108	108	108	108	109	109
Sound Pressure at Operator's Ear* dB(A)	-	93	90	90	95	-	95	94.5	96	96
H/A Vibrations* m/s <sup>2</sup>	1.5	2.4	3.5	3.4	2.4	1.7	2.5	2.1	2.5	2.5
Part Number	4812 0991 42	4812 0991 43	3382 0006 28	3382 0006 29	4812 0991 40	4812 0991 41	3382 0000 88	3382 0001 17	3382 0006 05	3382 0006 06

\*Full details of measurement are available in the Safety and Operating Instruction of the product. It can be found on [www.cpprintshop.com](http://www.cpprintshop.com)



## Light and Compact for Heavy-Duty Jobs

CP tampers are used in construction, utility and civil applications for compacting cohesive and mixed soils, silt, clay, sand and gravel.

CP's tampers are lighter and more compact, yet deliver CP's trademark performance and durability. Plus, every CP tamper is built to withstand the toughest working conditions while delivering powerful force and hitting power. Efficient shock absorbers and an extra-strong metal frame ensure the ground takes the pounding — not the operator. Along with reliable performance, they also save you time and money with easy maintenance and low fuel consumption.



**CONTROL AND CONVENIENCE**

The well balanced design helps with handling, and the control lever allows you to switch to idle with one hand.

**QUALITY HONDA ENGINE**

The Honda engine offers excellent power with low fuel consumption for efficient performance.  
All models except MS 840.

**OIL LEVEL INDICATOR**

The operator can see if the oil level is low at a glance and take the correct action to start the machine.

**MULTIPLE SIZES**

Available plate widths include 153 mm (6 in), 230 mm (9 in) and 280 mm (11 in) to cover a wide range of applications.



MS 695



MS 840

**DIESEL MODEL**

MS 840 features a Hatz 1B20 diesel engine.

**TAMPERS**

	MS 595	MS 595	MS 695	MS 840
<b>Operating Weight</b> kg (lb)	61 (135)	62 (137)	70 (154)	85 (188)
<b>Impact Force</b> kN (lbf)	-	-	-	21 (4,811)
<b>Max. Speed</b> m/min (ft/min)	15-18 (49.2-59)	15-18 (49.2-59)	15-18 (49.2-59)	11.5 (37.7)
<b>Frequency</b> Hz	11.9	11.9	11.9	11.9
<b>Plate Width</b> mm (in)	153 (6)	230 (9.1)	280 (11)	280 (11)
<b>Engine</b>	Honda GXR 120 Gasoline	Honda GXR 120 Gasoline	Honda GXR 120 Gasoline	Hatz 1B20 Diesel
<b>Power at Rated Speed</b> kW at rpm (hp at rpm)	2.6 (3.48)	2.6 (3.48)	2.6 (3.48)	3.0 (4.0)
<b>Sound Power Level Guaranteed*</b> dB(A)	106	106	106	107
<b>Sound Pressure at Operator's Ear*</b> dB(A)	92	92	92	95
<b>H/A Vibrations*</b> m/s <sup>2</sup>	6.4	6.4	6.4	11.9
<b>Part Number</b>	3382 0006 13 <sup>1)</sup>	3382 0006 15 <sup>1)</sup>	3382 0006 17 <sup>1)</sup>	4812 0991 38

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<sup>1)</sup> with Indicator



# Compaction Power in Confined Spaces

A fully hydraulic system makes these units easy to maneuver close to walls and borders. They're ideal for small jobs, repair work and compaction in confined areas.

For pure compaction power, turn to CP walk-behind double drum rollers. They're built for all-day productivity with full hydraulic operation as well as a large water tank that minimizes refills and protects hydraulic components. The world-class oil-cooling system also helps maintain uptime, and the durability in rugged conditions helps ensure a long service life. These units are well suited for compacting thin layers of granular soils and asphalt.



### EASY TRANSPORT

Fold-up handles make the unit convenient to transport and store.

### ERGONOMIC DESIGN

An ergonomic handle, stepless forward/backward control and compact design make these units easy to maneuver.

### LOWER EMISSIONS

A 4-stroke engine with an effective carburetor and a high-capacity air filter allow lower exhaust emissions and reduce service requirements.

### STAY PRODUCTIVE

58 liter (12.75 gal) water tank minimizes refilling stops.

### LONG SERVICE LIFE

Hydraulic oil-cooling system reduces unplanned stops and extends machine life.



### WALK BEHIND DRUM ROLLERS

	MR7005
Operating Weight kg (lb)	765 (1687)
Centrifugal Force kN (lbf)	21.8 (4,900)
Max. Forward Speed m/min (ft/min)	60 (196,9)
Drum Width mm (in)	650 (25,6)
Engine	Hatz 1D42S Diesel
Power at Rated Speed kW at rpm (hp at rpm)	7.2 (9.7)
Sound Power Level Guaranteed* dB(A)	107
Sound Pressure at Operator's Ear* dB(A)	88
H/A Vibrations* m/s <sup>2</sup>	4.1
Frequency Hz	58
Part Number	3382 0005 56

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## Your Partner in the Trenches

CP trench rollers are recommended for cohesive or granular soil work in trenches, construction backfills and foundations, as well as on roads.

Reliable Bluetooth remote control lets you operate the CP trench roller while it does the work. And heavy work it does — thanks to a powerful engine, excellent traction and reliable operation in even the toughest conditions. These compact machines are able to turn tight corners and maneuver in confined spaces. They're also easy to service, with two lockable hinged doors for quick access to key components.





#### REMOTE OPERATION

The unit can be operated by a reliable Bluetooth remote control from a distance of up to 30 m (100 ft).

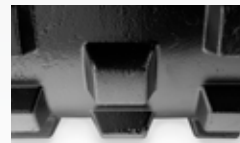
#### DESIGNED WITH SAFETY IN MIND

Emergency push-stop buttons/bars and a manual control option are included.



#### DURABLE DESIGN

The hydraulic oil cooler reduces wear on hydraulic components. And strong welded scrapers are standard.



#### HIGH COMPACTION

Units feature extra-tall pads for a higher degree of compaction.

#### TRENCH ROLLERS

	TR 630	TR 850
Operating Weight kg (lb)	1,573 (3,468)	1,675 (3,693)
Centrifugal Force kN (lbf)	48 (10,791)	48 (10,791)
Max. Forward Speed m/min (ft/min)	20.5 (67.3)	20.5 (67.3)
Number of Drums	4	4
Drum Width mm (in)	630 (24.8)	850 (33.5)
Engine	Hatz 2G40 Diesel	Hatz 2G40 Diesel
Power at Rated Speed kW at rpm (hp at rpm)	12.5 (16.8)	12.5 (16.8)
Sound Power Level Guaranteed* dB(A)	106	106
Sound Pressure at Operator's Ear* dB(A)	-	-
Gradeability	36%	36%
Frequency Hz	32	32
Part Number	3382 0000 91	3382 0000 90

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## Over 100 Years of Experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic tools and air compressors are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

For more information, please contact your CP partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.