



**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 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-----------------------|
| Operating Weight kg (lb) | 51 (113) | 76 (166) | 87 (191) | 95 (208) | 133 (293) | 140 (308) | 96 (212) |
| Centrifugal Force kN (lbf) | 8 (1,888) | 18 (4,047) | 19 (4,361) | 17 (3,754) | 20 (4,451) | 20 (4,451) | 16 (3,597) |
| Max. Speed m/min (ft/min) | 24 (78.7) | 25 (82) | 33 (108.3) | 25 (82) | 22 (72.2) | 22 (72.2) | 22 (72.2) |
| Frequency Hz | 95 | 90 | 95 | 95 | 95 | 95 | 75 |
| Plate Width mm (in) | 320 (12.6) | 460 (18.1) | 420 (16.5) | 500 (19.7) | 500 (19.7) | 500 (19.7) | 450 (17.7) |
| 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 | Honda GX 160 Gasoline |
| Power at Rated Speed 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) |
| Sound Power Level Guaranteed* dB(A) | 100 | 104 | 102 | 104 | 104 | 104 | 104 |
| Sound Pressure at Operator's Ear* dB(A) | 89 | 92 | 91 | 93 | 95 | 93 | 92 |
| H/A Vibrations* m/s ² | 6.9 | 16.5 | 6.7 | 6 | 5.4 | 6.8 | 6.1 |
| Part Number | 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



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 ² | 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 ² | 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



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

* Full details of measurement are available in the Safety and Operating Instruction of the product. It can be found on www.cpprintshop.com
¹⁾ 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 ² | 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).

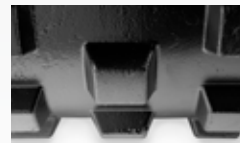
DESIGNED WITH SAFETY IN MIND

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.