



**Chicago  
Pneumatic**



**High-performance  
products.  
Designed for you!**

**Compaction equipment**

# Forward Soil and Asphalt Plates

## Soil and Asphalt Plates

- Small and easy
- Several sizes
- Honda engine

### Tough jobs require tough machines

Designed to meet high demands from rental companies and contractors, the CP range offers speed, durability and efficiency. All forward plates are equipped with Honda engines, known for its strength and reliability.

### It runs, and runs, and runs...

CP machines are made to last. One reason for this is the strong frame, another explanation is the belt cover that protects the engines vital parts. The lifelong lubrication of eccentric element contributes to easy maintenance and long service intervals.



Model	Operating weight (kg)	Centrifugal force (kN)	Speed (m/min)	Plate width (mm)	Engine	Sound power, guaranteed (L <sub>wa</sub> dB(A))	Sound pressure at operators ear (L <sub>pa</sub> dB(A))	H/A vibrations, (m/s <sup>2</sup> )	Operating and Maintenance Manual ID (see below)	Part No.
MV52	51,4	7,5	24	320	Honda	100	89	6,9	9800 1005 00	4812 0991 25
MV58	56,4	9,5	25	350	Honda	100	88	7,9	9800 1006 00	4812 0991 26
LF82	75,5	18	25	460	Honda	104	92	16,5	9800 1252 00	3382 0000 86
MV84	85,1	16,5	34	420	Honda	103	91	6,7	9800 1007 00	4812 0991 27
MV100	95	17	25	500	Honda	104	93	6,0	9800 1009 00	3382 0000 85
MV135	130,9	19,4	22	500	Honda	102	91	5,4	9800 1011 00	4812 0991 30
MV140	136,9	19,4	22	500	Hatz	104	93	6,8	9800 1012 00	4812 0991 31
KMR11	96			450	Honda	104	92	6,1	9800 1260 00	3382 0000 83

# Specially made to compact asphalt

## High speed asphalt plates

MV90, MV100 and MV115 are especially designed for compacting asphalt. The large and robust water tank, and the stainless sprinkler system facilitate work on asphalt that must be completed quickly and without interruption. The machines are easy to turn and manoeuvre.

## Heavy-duty applications

The lightest machines has the perfect size and flexibility for a number of situations. Like the heavier models, they combine high compaction and high speed. The MV84 is the fastest compactor in the range.



### Asphalt Plates

- Special bottom plate
- Water distribution
- Removable water tank



Model	Operating weight (kg)	Centrifugal force (kN)	Speed (m/min)	Plate width (mm)	Engine	Sound power, guaranteed (L <sub>wa</sub> dB(A))	Sound pressure at operators ear (L <sub>pa</sub> dB(A))	H/A vibrations, (m/s <sup>2</sup> )	Operating and Maintenance Manual ID (see below)	Part No.
MV90 (420)	91,7	15	27	420	Honda	102	91	6	9800 1008 00	3382 0000 84
MV90 (500)	94,5	15	27	500	Honda	102	91	6	9800 1008 00	4812 0991 32
MV100	97,6	15,5	25	500	Honda	104	93	6	9800 1009 00	4812 0991 28
MV115	114,1	14,5	25	500	Hatz	104	93	9,3	9800 1010 00	4812 0991 29

# Forward and Reversible Plates

## For speed and endurance

How about maximizing both the compaction quality and speed? It is possible with the Chicago Pneumatic range of reversible plates.

The speed and compaction depth are regulated stepless. The forward and reversible movement is easily controlled. For the operator, the machines are well balanced and the handles are vibration dampened. All of this means smooth and not the least fast operation and helps the operator to achieve the right compaction level.

## Outstanding resistance

The CP reversible plates are designed for tough treatment. The engines are well protected by a heavy-duty frame.

The bottom plate is made of Hardox 400 steel, an extremely durable steel material, with a hardness of 400 HBW. All the machines have strong and steady protective frames.

## Diesel or petrol – the choice is yours

Our petrol-powered machines has a Honda engine while the diesel models has a Hatz engine with electric start. Both selected to provide maximum power and reliability, while the service is made easy.

## Service friendly and low maintenance cost

The CP reversible plates are very service friendly. The robust and proven design plays an important role in contributing to low maintenance cost.

**Forward and Reversible Plates • Compaction power • Durable • High speed**





MV165



MV170



MV220



MV245



MV305



MV320



MV400



MV430



MV480

Model	Operating weight (kg)	Centrifugal force (kN)	Speed (m/min)	Plate width (mm)	Engine	Sound power, guaranteed (L <sub>wa</sub> dB(A))	Sound pressure at operators ear (L <sub>wa</sub> dB(A))	H/A vibrations, (m/s <sup>2</sup> )	Operating and Maintenance Manual ID (see below)	Part No.
MV165	156	28	22	450	Honda	108	92	1,5	9800 1013 00	4812 0991 42
MV170	171	28	22	450	Hatz	108	92	2,4	9800 1014 00	4812 0991 43
MV220	215	36	25	500	Honda	105	90	3,5	9800 1015 00	4812 0991 44
MV245 Electric start	245	36	25	500	Hatz	108	90	3,5	9800 1016 00	4812 0991 45
MV305	263	40	25	600	Honda	108	92	2,4	9800 1017 00	4812 0991 40
MV320	300	40	25	600	Hatz	108	94	1,7	9800 1018 00	4812 0991 41
MV400	398	52	25	650	Honda	108	93	2,5	9800 1258 00	3382 0000 88
MV430	436	52	25	650	Lombardini	108	94	2,1	9800 1256 00	3382 0001 17
MV430 EPA version	436	52	25	650	Lombardini				9800 1256 00	3382 0000 87
MV480 Electric start	504	60	25	700	Hatz	108	95	2,4	9800 1020 00	4812 0991 39

# Tampers

## Strike fast, hit hard

The CP range of tampers is made for one of the toughest conditions within construction. The tampers are well balanced machines, making them easier to work with. And above all, we are talking about machines that can withstand really rough and tough treatment.

## The construction goal: durability

When designing the rammers, durability and reliability was at the top of the list of demands. The metal frame is extra strong and the machines was designed with efficient shock absorbers. The engine is the only part that needs regular maintenance, resulting in easy service.

## Optimum compaction result

As important as durability is, of course, the compaction capability. The tampers have good traction and are fast and easy to handle. They are constructed for force and hitting power, offering higher productivity. The bottom-plates are interchangeable.

## Engines that cut costs

The 4-stroke engine has an effective carburator and a high capacity air filter – higher resistance and less service. In addition, lower fuel consumption and lower exhaust emissions.



Tampers • Low fuel consumption • Durable • Well balanced



Model	Operating weight (kg)	Centrifugal force (kN)	Speed (m/min)	Plate width (mm)	Engine	Sound power, guaranteed (L <sub>wa</sub> dB(A))	Sound pressure at operators ear (L <sub>pa</sub> dB(A))	H/A vibrations, (m/s <sup>2</sup> )	Operating and Maintenance Manual ID (see below)	Part No.
MS620	64	14,8	15-18	230	Honda	104	91	7	9800 1002 00	4812099136
MS620	65	14,8	15-18	280	Honda	104	91	7	9800 1002 00	3382000123
MS680	74	18,6	15-18	280	Honda	107	96	11,9	9800 1003 00	4812099137
MS840	84	21,4	13-16	280	Hatz	106	96	12,6	9800 1004 00	4812099138

# Walk Behind Double Drum Roller

## Double Drum Roller

- Powerful engine
- Reliable
- Large water tank



### A roller for tough conditions

The MR7000 offers less down time. The machine has a large water tank, 71 liters, to minimize refill stops during a work day and help you focus on your productivity. The water tank also serves as protection of the hydraulic components. An extra security is that the engine has a power reserve, offering reliability in tough conditions.

The oil-cooling system is indeed world class. Controlled oil temperature will help increase productivity by reducing unplanned stops, thereby offering longer time of operation, longer service intervals and longer lifetime of the machine.

### Experience the compact power

Allow us to present MR7000, a fully hydraulic walk behind roller with compaction muscles. It is equipped with a reliable, powerful Hatz engine. With ergonomic handles, stepless forward/backward control and a compact design, it is very easy to manoeuvre.

### The ultimate allrounder

The MR7000 is suitable for compacting thin layers on granular soils and asphalt. It is mostly used for small jobs, repair work and compaction in confined areas. Fold up handles makes the roller easy to transport.

### No job is too tough for the trenchroller

Compact and robust design, powerful engine, superior traction and reliable operation. The muscular TR850 and TR630 is an excellent choice for work on cohesive or granular soil in connection with trenches, backfills, foundations and similar applications. Despite its robustness the TR850 is easy to maneuver, even in the toughest environments. Counter rotating drums – that enables rotation about its own axis – makes turning tight corners easy. The tall pads on the drums help increase

compaction efficiency and enable the machine to climb 35-degree slopes. Service points are easily accessed under the top cover. For longer service life the TR850 is equipped with an oil cooler



Model	Operating weight (kg)	Centrifugal force (kN)	Speed (m/min)	Plate width (mm)	Engine	Sound power, guaranteed (L <sub>wa</sub> ,dB(A))	Sound pressure at operators ear (L <sub>pa</sub> ,dB(A))	H/A vibrations, (m/s <sup>2</sup> )	Operating and Maintenance Manual ID (see below)	Part No.
MR7000 Electric start	716	21	60/38	650	Hatz	107	90	4	9800 1021 00	4812 0991 46
MR7000 Manual start	696	21	60/38	650	Hatz	107	90	4,3	9800 1021 00	4812 0991 47
TR630	1573	65	21/20	630	Hatz	106			9800 1262 00	3382 0000 91
TR850	1675	65	21/20	850	Hatz	106			9800 1264 00	3382 0000 90



## 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.

To learn more about our extensive range of tools, hydraulic attachments, industrial and portable compressors, accessories and workshop equipment, please visit [www.cp.com](http://www.cp.com).

For more detailed information and copy of CP complete catalogue, please contact:

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