



Chicago Pneumatic



With high performance and low downtime, RC Hydraulic Compactors help you complete the job efficiently and effectively.

High Performance

The high compaction frequency combined with the high vibrating force make quick work of most jobs, including slope compaction.

Less Maintenance

The oil bath around the shaft bearing ensures continuous greasing, while the AutoLube system eliminates the need for regular manual greasing.

Quieter and Safer

RC Hydraulic Compactors produce less noise than handheld forward plates and reverse compactors, and safety is increased because the operator is away from the work area.

Fits on Every Carrier

Six models are available for carriers from 1 to 40 tons, and easily attach with a standard or quick-change adapter.

Standard

There is no limitation of back pressure in the return line due to the use of solid rubber isolators.

Job Applications

- Slope compaction
- Trench compaction
- Road repair
- Side development
- Waste compaction
- Piling

**People.
Passion.
Performance.**

RC Hydraulic Compactors

RC Hydraulic Compactors



MODELS	RC 103	RC 308	RC 409	RC 920	RC 2040	RC 2041
Carrier Weight Class ¹ t (lb)	1 – 3 (2,200 – 6,600)	3 – 8 (6,600 – 17,600)	4 – 9 (8,800 – 19,800)	9 – 20 (19,800 – 44,000)	20 – 40 (44,000 – 88,200)	20 – 40 (44,000 – 88,200)
Service Weight ² kg (lb)	160 (353)	320 (705)	430 (948)	880 (1,940)	1,050 (2,315)	1,055 (2,326)
Weight Without Adapter kg (lb)	138 (304)	274 (604)	387 (853)	726 (1,600)	865 (1,907)	870 (1,918)
Length mm (in)	678 (26.69)	693 (27.28)	929 (36.57)	1,178 (46.38)	1,136 (44.72)	1,136 (44.72)
Width mm (in)	346 (13.62)	475 (18.70)	610 (24.02)	710 (27.95)	864 (34.02)	864 (34.02)
Height mm (in)	486 (19.13)	623 (24.53)	622 (24.49)	764 (30.08)	786 (30.94)	786 (30.94)
Baseplate Size (W x L) mm (in)	346 x 678 (13.62 x 26.69)	475 x 693 (18.70 x 27.28)	610 x 929 (24.02 x 36.57)	710 x 1,178 (27.95 x 46.38)	864 x 1,136 (34.02 x 44.72)	864 x 1,136 (34.02 x 44.72)
Plate Coverage m ² (in ²)	0.19 (294.50)	0.25 (387.50)	0.42 (651.00)	0.63 (976.50)	0.74 (1147.00)	0.74 (1147.00)
Vibrating Force t (lbf)	1.4 (3,086)	2.3 (5,071)	3.6 (7,937)	7.3 (16,094)	10.5 (23,149)	11.4 (25,133)
Vibrating Frequency n/min	2,100	2,100	2,200	2,200	2,200	2,200
Operating Pressure bar (psi)	150 (2,176)	150 (2,176)	150 (2,176)	150 (2,176)	150 (2,176)	150 (2,176)
Oil Flow l/min (US gal/min)	30 (8)	57 (15)	76 (20)	114 (30)	151 (40)	189 (50)
Motor Oil Quantity (in rotor housing) l (US gal)	0.6 (0.16)	0.8 (0.21)	0.9 (0.24)	3.7 (0.98)	3.7 (0.98)	3.7 (0.98)
Sound Pressure Level (measured r = 10 m) dB(A)	69	67	69	66	76	71
Sound Power Level (guaranteed) ³ dB(A)	106	106	106	106	106	106
Port Connectors (type: male thread)	JIC 8, 3/4" UNF	JIC 12, 1-1/16" UNF	JIC 12, 1-1/16" UNF	JIC 12, 1-1/16" UNF	JIC 16, 1-5/16" UNF	JIC 16, 1-5/16" UNF
Minimum Inside Diameter of Hoses and Pipes mm (in)	12 (0.47)	12 (0.47)	20 (0.79)	20 (0.79)	25 (0.98)	25 (0.98)
Pipework Diameter and Wall Thickness mm (in)	15 x 1.5 (0.59 x 0.06)	15 x 1.5 (0.59 x 0.06)	25 x 2.5 (0.98 x 0.01)	25 x 2.5 (0.98 x 0.01)	30 x 2.5 (1.18 x 0.01)	30 x 2.5 (1.18 x 0.01)
Hole Pattern – Adapter ⁴	RX 2, RX 3	RX 4 – RX 8	RX 4 – RX 8	RX 11, RX 14	RX 18 – RX 25	RX 18 – RX 25

¹ Weights apply to standard carriers only. Any variations must be agreed with Chicago Pneumatic and/or the carrier manufacturer prior to attachment.

² Compactor with medium-sized adapter plate. Please note that the service weight can be considerably higher, depending on the adapter plate.

³ EN ISO 3744 in accordance with Directive 2000/14/EC.

⁴ RC Hydraulic Compactors come with the same hole patterns as the corresponding RX Hydraulic Breakers.

Connection Hose

- Designed to withstand the strains of demolition work.
- Protected against chafing by a spiral steel wire.



ACCESSORIES	Connection Hose	Length mm (in)	Fitting Kits*	Cap Nut (standpipe metric)
RC103	3363 4910 01	1750 (69)	3363 0982 86	15 L (M 22x1.5)
RC308	3363 4910 01	1750 (69)	3363 0982 86	15 L (M 22x1.5)
RC409	3360 3322 94	2300 (91)	3363 0982 87	25 S (M 36x2.0)
RC409	3363 0859 47	2800 (110)	3363 0982 87	25 S (M 36x2.0)
RC920	3360 3322 94	2300 (91)	3363 0982 87	25 S (M 36x2.0)
RC920	3363 0859 47	2800 (110)	3363 0982 87	25 S (M 36x2.0)
RC2040	3360 9923 40	2300 (91)	3363 0982 88	30 S (M 42x2.0)
RC2040	3361 8538 59	2800 (110)	3363 0982 88	30 S (M 42x2.0)
RC2041	3360 9923 40	2300 (91)	3363 0982 88	30 S (M 42x2.0)
RC2041	3361 8538 59	2800 (110)	3363 0982 88	30 S (M 42x2.0)

* Fitting kits are required to connect the hoses to RC Hydraulic Compactors.

MAINTENANCE KITS	Seal Kit	Rubber Isolator Kit
RC103	3376 6950 36	3376 6890 32
RC308	3376 6900 36	3376 6900 32
RC409	3376 6910 36	3376 6910 32
RC920	3376 6920 36	3376 6920 32
RC2040	3376 6930 36	3376 6930 32
RC2041	3376 6940 36	3376 6930 32

Note: Use only original parts. Damage or malfunction due to use of non-permitted components will not be covered by the guarantee or product liability.

To learn more about Chicago Pneumatic and the product range, visit www.cp.com or email cpce.info@cp.com.