



Chicago  
Pneumatic

# *Operator's Manual*

CP0200 Series

Sand Rammers



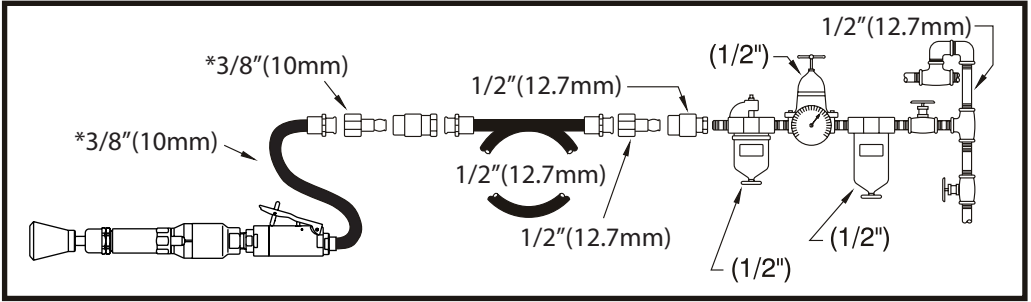
## **WARNING**

*To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions, as well as separately provided safety instructions part number 6159948780, before performing any such task.*

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# Air Diagram:



\* For B25, B32 series, use 1/2" (12.7mm) hose.

Fig. 1

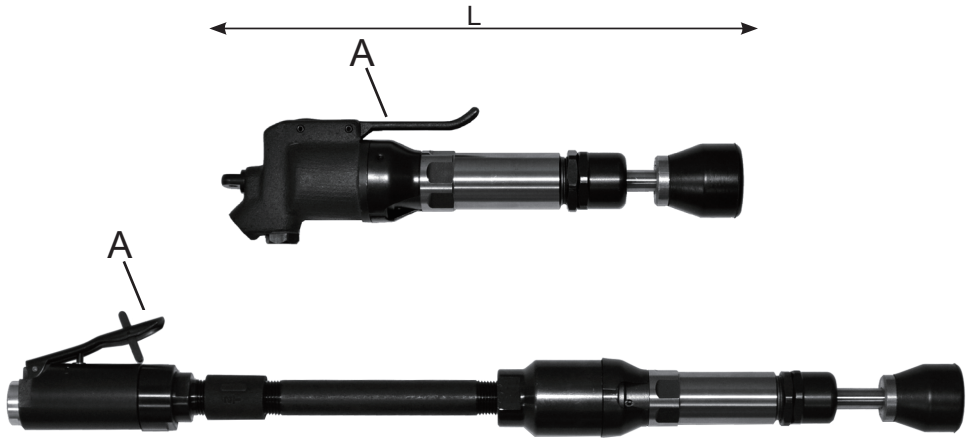


Fig. 2

Model		Strike Frequency	Bore Diameter		Stroke		Butt Diameter		Overall Length		Weight		Air Consumption @load		Air Inlet	Inner Hose Dia.		Sound Pressure LpA	Sound Power LwA	Vibrations	
		bpm	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[Kg]	[lb]	[Ni/s]	[SCFM]	[inch]	[mm]	[inch]	[dB(A)]	[dB(A)]	[m/s <sup>2</sup> ]	[m/s <sup>2</sup> ]
1	2	3	4	5	6	7	8	9	10	11	12										
Push Lever	Safety Lever																				
CP0200B18	CP0200B18-2F	1800	18.0	45/64	50	1 31/32	41	1 5/8	280 (383)	11 1/32 (15 5/64)	1.5	3.3	6.67	14.1	1/4	10	3/8	95	106	19.4	5.9
CP0200B22	CP0200B22-2F	1020	22.0	55/64	64	2 33/64	51	2 1/32	350 (451)	13 25/32 (17 3/4)	3.0	6.6	8.33	17.7	3/8	10	3/8	94	105	19.4	6.1
CP0200B25	CP0200B25-2F	780	25.4	1	83	3 17/64	67	2 41/64	506 (597)	19 59/64 (23 1/2)	5.5	12.1	11.67	24.7	3/8	12.7	1/2	93	104	24.3	7.6
CP0200B18L	CP0200B18L-2F	1800	18.0	45/64	50	1 31/32	41	1 5/8	558 (523)	21 31/32 (20 19/32)	2.0	4.4	6.67	14.1	1/4	10	3/8	95	106	13.9	4.2
CP0200B22L	CP0200B22L-2F	1020	22.0	55/64	64	2 33/64	51	2 1/32	633 (600)	24 59/64 (23 5/8)	3.3	7.2	8.33	17.7	1/4	10	3/8	94	105	17.7	5.4
CP0200B25L	CP0200B25L-2F	780	25.4	1	83	3 17/64	67	2 41/64	1,043 (1,005)	41 1/16 (39 9/16)	6.0	13.2	11.67	24.7	1/2	12.7	1/2	93	104	19.1	5.8
CP0200B32L	CP0200B32L-2F	720	32.0	1 17/64	127	5	75	2 61/64	1,086 (1,090)	42 3/4 (42 29/32)	10.0	22.0	13.33	28.3	1/2	12.7	1/2	96	107	26.0	7.8

**1. Technical Data (see Fig 2.)**

Model	Stroke Frequency	Bore Diameter	Stroke	Butt Diameter	Overall Length	Weight	Air Consumption @load	Air Inlet	Inner Hose Dia.	Sound Pressure LpA	Sound Power LwA	Vibrations	
												ahd	K
	1	2	3	4	5	6	7	8	9	10	11	12	
	[bpm]	[mm] [inch]	[mm] [inch]	[mm] [inch]	[mm] [inch]	[Kg] [lb]	[NI/s] [SCFM]	[inch]	[mm] [inch]	[dB(A)]	[dB(A)]	[m/s <sup>2</sup> ]	[m/s <sup>2</sup> ]

max pressure 6.3 bar (90 psi)

$a_{vh}$ : Vibration level,  $k$  Uncertainty ;  $L_{pA}$  Sound pressure level dB(A),  $K_{pA} = K_{WA} = 3$  dB Uncertainty.

**Declaration of noise (ISO 15744) and vibration emission (ISO 28927-6)**

All values are current as of the date of this publication. For the latest information please visit [www.cp.com](http://www.cp.com).

These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user.

We, **CHICAGO PNEUMATIC TOOLS**, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed. An EU guide to managing hand-arm vibration can be found at [www.preurop.eu/uploads/documents/pdf/PN3-02-NV\\_Declaration\\_info\\_sheet\\_0111.pdf](http://www.preurop.eu/uploads/documents/pdf/PN3-02-NV_Declaration_info_sheet_0111.pdf)

We recommend a programme of health surveillance to detect early symptoms which may relate to noise or vibration exposure, so that management procedures can be modified to help prevent future impairment.

**2. Machine Type**

- This product is designed for ramming sand. No other use permitted. For professional use only.
- Please read the product safety information carefully!

**3. Implementation and Operation**

- Connect device as shown in Fig.01.
- Fix the accessories properly to the tool.
- To start the machine, simply push the main trigger (A). Release the main trigger to stop.

**4. Lubrication**

- If air line lubricator is not used, lubricate with ISOVG32 turbine oil or equivalent oil daily before use. Do not burst into full speed operation after lubrication. Recommended lubricant CP Oil PROTECTO-LUBE:  
 - 4 oz (0.12l) P/N: CA149661  
 - 20.8 oz (0.591l) P/N: CA000046  
 - 1gal (3.8l) P/N: P089507

**5. Maintenance**

- Follow local country environmental regulations for safe handling and disposal of all components.
- It's recommended to dismantle the tool for overhauling and cleaning periodically after 500 hours of operation or once every six months.
- Always ensure that the machine is disconnected from energy source ( compressed air ) to avoid accidental operation.
- High wear parts are underlined in the parts list.
- To keep downtime to a minimum, the following service kits are recommended:  
**Tune-Up Kit:** see part list

**6. Disposal**

- The disposal of this equipment must follow the legislation of the respective country.
- All damaged, badly worn or improperly functioning devices MUST BE TAKEN OUT OF OPERATION.
- Repair only by technical maintenance staff.

**7. Declaration of conformity**

We : **CHICAGO PNEUMATIC Tool Co. 1800 Overview Drive Rock Hill, SC 29730 - USA**

Declare that the product(s): **Sand Rammer**

Machine type(s) : **CP0200B18-2F, CP0200B22-2F, CP0200B25-2F,  
 CP0200B18L-2F, CP0200B22L-2F, CP0200B25L-2F,  
 CP0200B32L-2F**

**Serial Number: From 00001 to 99999**

Origin of the product : **Japan**

is in conformity with the requirements of the council Directives on the approximation of the laws of the Member States relating to "Machinery" **2006/42/EC (17/05/2006)** applicable harmonised standard(s) : **EN ISO 11148-4:2010**

Name and position of issuer : **Bruno BLANCHET ( General Manager)**

Place & Date : Saint-Herblain, **20/07/2012**



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