

Operator's Manual



Chicago
Pneumatic

**B18B - B19B - B19B1
B18M - B19M - B21M
CHISEL SCALERS**



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.

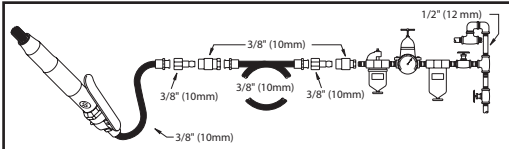
INSTRUCTION MANUAL

Machine Type:

1. This product is designed for removing material using a chisel or suitable needles.
2. No other use is permitted.
3. For professional use only

Air Supply Requirements

1. Supply tool with 90 psig (6.3 bar) of clean, dry air. Higher pressure drastically reduces tool life.
2. Connect tool to air line using pipe, hose and fitting sizes shown in the diagram below.



Using The Tool

Remember that it is always the tool that must do the work. There is no need for the operator to apply extra pressure on the tool when it is working. Maintain the contact with the work surface by applying enough pressure to stop the tool from bouncing

Warning

1. Do not keep a tool running at free speed as this will lead to premature wear of the moving parts.
2. Always use the right type of needle.

Lubrication

1. The hammer is lubricated with oil type like SHELL Natural HF or CASTROL Carelube HTG 22 oil.
2. Daily check the oil level in the lubricator and oil flow adjustment.

Maintenance

1. To obtain maximum efficiency from the pneumatic tool, preserve its features and avoid repeated repairs, a routine inspection and repair programme are recommended at least every 1,000 hours, the intervals between the various inspections depending on the amount of exertion on the power tool.
2. Disassemble the tool, clean the parts with an appropriate solvent and check them carefully.
3. Lubricate and reassemble the unit.

Technical Data

Model	Weight	Bore	Stroke	Blow frequency	air consumption
B18B	2 kg	23,5	35,6	3000	2,6 l/s (5,5 cfm)
B19B	3 kg	28,6	39	2200	3,8 l/s (8,0 cfm)
B19B1	3 kg	28,6	39	2200	3,8 l/s (8,0 cfm)
B18M	2,6 kg	23,5	35,6	3000	2,6 l/s (5,5 cfm)
B19M	3,7 kg	28,6	39	2200	3,8 l/s (8,0 cfm)
B21M	5,6 kg	33	49,2	2200	4,0 l/s (8,5 cfm)

Noise & Vibration Declaration

Soundpressure: ISO 15744			
Model	Soundpressure dB(A)	Soundpower dB(A)	Uncertainty KpA=KWA dB(A)
B18B	86	97	3
B19B	92	103	3
B19B1	92	103	3
B18M	100	111	3
B19M	101	112	3
B21M	104	108	3
Vibrations: ISO 28927-9 (3 axis)			
Model	Vibrations a _h m/s ²	k: Uncertainty m/s ²	
B18B	25	5	
B19B	33	8	
B19B1	33	8	
B18M	19,1	5,67	
B19M	16,9	10,3	
B21M	31,5	6,7	

Original Instructions

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All values are current as of the date of this publication. For the latest information please visit 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, 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.pneurop.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.