

# Operator's Manual



## CP7120 Hammer



### **⚠ 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 before performing any such task.*

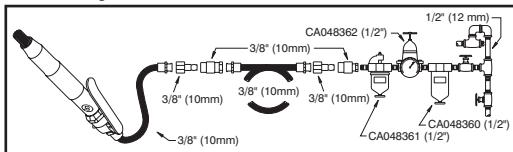
## INSTRUCTION MANUAL

### Machine Type:

Pneumatic tool with 1/2" sq. shank for use with chisel and various 1/2" sq. shank accessories, needles - No other use is permitted.

### 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.



### Lubrication

Use an air line lubricator with SAE #10 oil, adjusted to two drops per minute. If an air line lubricator cannot be used, add air motor oil to the inlet once a day.

### Operation

For Needle Scaler

1. Push in the front assembly and twist to the open slot, then pull needle assembly out of housing.
2. Remove worn needles from holder and replace with new needles, making sure the needle heads fit into the countersunk holes in needle holder.
3. Slide needles through spring and front nosepiece. Check that driver is not damaged and placed inside housing correctly.
4. Lubricate entire needle assembly with a light coating of oil. Reassemble by sliding assembly into the housing, line up slot, then push in and twist to lock in place.

For Chisel Scaler

1. To insert chisel, press loop on retainer aside, push chisel into cylinder and release loop.
  2. Place cutting edge of chisel against workpiece, depress trigger.
- ⚠ Caution: Do not operate tool without chisel in cylinder, or allow the chisel to be driven out of cylinder. Internal damage will result if piston is allowed to strike cylinder wall.**

### Maintenance

1. Disassemble and inspect tool every three months if the tool is used every day. Replace damaged or worn parts.
2. High wear parts are underlined in the parts list.
3. To keep downtime to a minimum, the following service kits are recommended:

**Tune-Up Kit:** 2050506933

## Technical Data

1/2 in shank  
Air consumption: 15 cfm (7.4 l/s)  
Air Pressure 90 psi (6.3 bar)  
Bore and Stroke: 1 x 1,1 in. (25x28 mm)  
BPM: 4800

## Noise & Vibration Declaration\*

Sound pressure level  
88 dB(A)  
uncertainty 3 dB(A), in accordance with EN ISO 15744. For sound power, add 11 dB(A).  
Vibration value  
a=11.4 m/s<sup>2</sup>, uncertainty k=3.4 m/s<sup>2</sup> re. ISO 28927-9

Declaration of noise and vibration emission

All values are current as of the date of this publication.

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.

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.