

Maintenance and Usage Tips for the Alpha® PSC-150



PSC-150

- At the end of each workday, 5-10 drops of AIR-008 Rust Inhibitor Oil (included with each stone cutter) should be added through the oil port in the handle of the tool. Turn the air on and run the tool for a minute or two to allow the oil to disperse inside of the tool. The Rust Inhibitor oil is to protect the tool from rusting when it is not in use. Replacement containers of oil may be purchased from Alpha Professional Tools® Part # AIR-008.
- Automatic oilers are not recommended due to the volume, grade, and composition of oil used may cause premature failure.
- In-line air dryers are recommended to extend the life of the tool. Old or worn compressors, which emit oil through the air lines, can dramatically shorten the life of the tool.
- Do not leave the tool submersed in water. This could expose the inner moving parts to moisture, which will shorten the life of the tool.
- This stone cutter requires 48 CFM to run at the 2 HP rating. If you notice your pressure is dropping off and the stone cutter is losing power, then your compressor system is not supplying enough CFM to support this tool. Alpha® makes a reduced air inlet fitting (Part # 3001-0084) that will allow this tool to run at 32 CFM with a 1 HP rating.
- Due to the large volume of air (48 CFM) need to run this tool, we recommend using a filter regulator system at the point of use to remove condensation and contamination, from your air. Alpha® recommends the ½" F/R Manifold with a 106 CFM throughput for use with the PSC-150 stone cutter, (Part #: 1030-0023 / 1030-0024). All F/R Manifolds are available through our distributor network, and via our website.
- We recommend the use of hearing protection when operating this stone cutter due to the emitted sound level of 91.3 dBA, with the mufflers installed.
- Over time, the rotor assembly can fill up with oil gunk, vane dust residue, and contamination and will need to be cleaned. Please see page 9 of the manual for information on cleaning the rotor assembly.
- The spray nozzle on this tool is designed to spray on an angle down towards the blade cut line, and away from the spindle shaft. Do not modify the position of the water valve as this could allow water to get inside the gear box, causing premature failure of the stone cutter.

For more information on tool repair and maintenance or to learn more about our loaner tool program, contact us at:

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