



ProBlast SM-Pro Automatic Sandblasting System Instructions

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Regular and systematic maintenance is crucial for the longevity, performance, and safety of your Automatic Sandblasting System. Adhering to the maintenance schedule and following these procedures is essential for extending the life of your machine and maintaining its operational accuracy.

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Safety and Tools

1. Switch of the Power to the system
2. Turn OFF the Air and disconnected from the Sand Master Pro (SM-Pro).
3. Release the pressured air from the Air Chamber.
4. Always Use a Class 1 sealed Face Mask when exposed to dust during Maintenance.

Weekly

1. Do a visual inspection of hoses to ensure none have developed or developing a leak (hole) in the hose. Inspect Head Casting for signs of wear.
2. Ensure ALL fasteners are secure (tight) using the appropriate tool. Operation vibration may cause loosening.
3. Ensure the oxide level sensor is secure and pushed all the way in, if it is loose use plumbers' tape to wrap around the sensor and push back in for a tight fit.
4. Empty Dust bin at back of the SM-PRO weekly or as needed
5. Empty the black dust tube daily or minimum weekly.
6. Wipe down the CNC table and remove any dust from the CNC Power Box at the back of the machine.
7. Use an air blower to blow dust out of the rails to keep you bearing dust free.

Monthly

1. Lubricate (Silicone Spray) the Z Axis
 - a. Apply silicone spray to all guides (the exact silicone is provided with the machine)
 - b. Locate the hole on the Head mounting behind the head assembly, place the straw through both holes and spray twice. This will allow the head to travel up/down smoothly.
2. Inspect the Nozzle for wear and tear. When the nozzle orifice becomes enlarged the power ration is upset and loss of torque will occur. Keep a new Nozzle on hand to change any worn nozzle to ensure best efficiency of your machine.
3. Inspect the Short Nozzle Behind the blasting nozzle and replace when it shows wear and tear.
4. Inspect the nozzle and surface brush to ensure in good order. Replace as needed.

Yearly

1. Replace the blasting Nozzle. A worn nozzle creates an abrasive/air imbalance, causes excess dust and increases the time for blasting.

2. Replace the air filter in the SM-Pro annually. A clogged air filter will make your system inefficient and create excess dust.

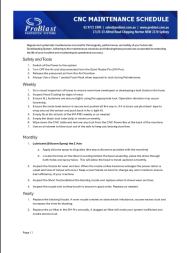
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Documents / Resources

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|  | <p>ProBlast SM-Pro Automatic Sandblasting System [pdf] Instructions SM-Pro Automatic Sandblasting System, SM-Pro, Automatic Sandblasting System, Sandblasting System, System</p> |
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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