

# GREENER BLAST TECHNOLOGIES

## TROUBLESHOOTING GUIDE



Problem	Possible Solution(s)
Unable to pressurize the pot	<ol style="list-style-type: none"> <li>1. Check water filter screen for trash</li> <li>2. Open convenience water valve to ensure water pump is pumping water.</li> <li>3. Pot is not sealing. Check for leaking valves and gaskets.</li> </ol>
Large slugs of abrasive are ejected from nozzle	<ol style="list-style-type: none"> <li>1. Remove blast nozzle and check for obstructions stuck in nozzle.</li> <li>2. Blast hose sizes are inconsistent and causing grit to accumulate at connections.</li> <li>3. Irregular blast media that doesn't make a slurry and flow evenly.</li> </ol>
Excess amount of water from nozzle	<ol style="list-style-type: none"> <li>1. Pot pressure is set too high over the blast pressure causing water to cut through the media inside the pot.</li> <li>2. Pot pressure gauge out of calibration. Should read dead "0" with pot open.</li> <li>3. Surface rinse valve may be open.</li> </ol>
Pot relief valve is discharging water	<ol style="list-style-type: none"> <li>1. Pot pressure is set over 150 psi.</li> <li>2. Relief valve is defective and needs to be replaced.</li> <li>3. Pot pressure gauge out of calibration. Should read dead "0" when open.</li> </ol>
No blast flow at nozzle while deadman switch is engaged	<ol style="list-style-type: none"> <li>1. Twin line is plugged with trash (mud diver nest).</li> <li>2. Parker solenoid switch inside panel is stuck/defective.</li> <li>3. Autoair valve. inside panel is stuck/defective.</li> </ol>
While in blast mode little or no abrasive	<ol style="list-style-type: none"> <li>1. Not enough pot pressure.</li> <li>2. Increase abrasive meter setting (counterclockwise).</li> </ol>
Deadman switch is not engaged but blasting still occurs	<ol style="list-style-type: none"> <li>1. Autoair valve is stuck in open position. Either stuck or defective. Clean first.</li> <li>2. Parker solenoid valve stuck/defective.</li> </ol>
Blast spray pattern is sputtering or irregular	<ol style="list-style-type: none"> <li>1. Air in pot. Bleed air out using purge valve on side of pot.</li> <li>2. Blast hose size not consistent and clogging at fittings.</li> <li>3. Nozzle has obstruction lodged inside.</li> </ol>
No blast pressures	<ol style="list-style-type: none"> <li>1. Pilot regulator inside panel dirty or defective.</li> <li>2. Autoair valve dirty or defective.</li> </ol>
Excessive amount of air coming out of pot hole in pilot regulator	<ol style="list-style-type: none"> <li>1. Pilot regulator dirty or defective.</li> </ol>
Grit delivery is not smooth slugging/ surge	<ol style="list-style-type: none"> <li>1. May need more blast pressure for the type of abrasive being used.</li> </ol>
Air supply is inadequate	<ol style="list-style-type: none"> <li>1. 375 CFM air compressor minimum is required to operate machine.</li> <li>2. Pressure setting of compressor should be 120-150 psi.</li> </ol>
Low blast pressure at nozzle	<ol style="list-style-type: none"> <li>1. Blast pressure gauge may be out of calibration. Should read dead "0" with compressor air off.</li> </ol>