

If tank is not pressurizing:

1. Check to make sure the air lines are hooked up correctly. See page 10 of the User Manual for proper hook-up.
2. **Check to make sure they are using a ½” ID air line – need ½” minimum air line**
3. Check to make sure all three switches on the side are ON. The Dust Collector switch MUST be
on or the foot pedal will not work.
4. Check to make sure the sealing head (#13) is in place and not worn. If they cannot see it when looking down into tank, they need to take off the side plates (#11 & 12) to look inside the tank to make sure the gasket & sealing head are in place
5. Check the compressor to make sure it produces enough CFM. (4mm requires 25CFM@ 80 psi)
6. How much abrasive was used – may have too much abrasive so tank won’t close (50 lbs of abrasive for harder i.e. silicon carbide, alum oxide, steel grit, garnet, glass bead – 25 lbs of abrasive for lighter abrasives i.e. plastic, walnut, corncob)
7. Gate valve on bottom (right above #4 on diagram ) – Clockwise to close, Counter Clockwise to open – open slowly ¼ turn at a time until abrasive starts flowing
8. 2 gauges on front – one to the left measures air coming in – one to the right measures tank pressure – if tank pressure not registering, then tank is not sealing (see #4)
9. Check Cylinder Block (diagram on pg 29) – make sure Piston Seal is not worn
10. Check Electromagnetic Valve (pg 26) – Electromagnetic Valve 2 will click when foot pedal is depressed and LED light on front will light up - Electromagnetic Valve 1 controls air to tank – it has a diaphragm and spring inside
11. Make sure there is no moisture in the abrasive – it there is moisture it can clog & the release valve may not open
12. If all else fails, it may be the fuses – check the fuses in switch box