

QUICK SET-UP GUIDE

Startup

- 1. TURN OFF EMERGENCY SHUT-OFF SWITCH** (red switch press down on top of control panel)
- 2. CLOSE POT SHUT-OFF VALVE** (1" ball valve below control panel)
- 3. CLOSE SYSTEM AIR PURGE VALVE**
- 4. CHARGE POT**
 - Open POT DUMP VALVE (located on the side of the pot)
 - POT RELIEF VALVE remains close
 - Fill pot with water (until water runs out of POT DUMP VALVE)
 - Close POT DUMP VALVE
 - Add desired abrasive (blast pot capacity 1.75 cubic ft)
 - Displaced Water should flow up and be just past the seal on top of the pot (Add more water if needed)
 - Fill up WATER TANK
- 5. SET POT PRESSURE**
 - Open ABRASIVE METERING VALVE by turning counterclockwise 1/4 turn (Pot-Fill Mode)
 - Turn POT PRESSURE regulator knob clockwise until the pump engages
 - Hold plunger (top of pot) up by hand to seal pot. (Plunger should stay up after a couple pump strokes)
 - Continue turning POT PRESSURE regulator knob clockwise to reach desired pressure.
(Pot pressure should always be set 20 psi more than desired blast pressure)
- 6. SET BLAST PRESSURE**
 - Turn BLAST PRESSURE regulator knob clockwise to desired working blast pressure
(This should be set at 20 psi less than the pot pressure)
- 7. BLAST**
 - Open POT SHUT-OFF VALVE (1" ball valve below control panel)
 - Turn on EMERGENCY SHUT-OFF switch (Pull up)
 - Press DEADMAN SWITCH and begin blasting
- 8. SET ABRASIVE METERING VALVE**
 - Turn counterclockwise for More Abrasive
 - Turn clockwise for Less Abrasive

WARNING!!!!

ALWAYS! KEEP BLAST NOZZLE POINTED AT WORK AREA

ALWAYS! TURN EMERGENCY SHUT-OFF SWITCH TO OFF POSITION WHEN NOT BLASTING

ALWAYS! CLOSE POT SHUT-OFF VALVE WHEN NOT BLASTING



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Recharge the Pot

1. **TURN OFF EMERGENCY SHUT-OFF SWITCH** (red switch press down on top of control panel)
2. **CLOSE POT SHUT-OFF VALVE** (1" ball valve below control panel)
3. **CLOSE ABRASIVE METERING VALVE**
4. **OPEN POT DUMP VALVE**
 - Drains excess Water
5. **CLOSE POT DUMP VALVE**
6. **ADD ABRASIVE**
 - Pot capacity 1.75 cubic ft
7. **ADD WATER TO POT AND TANK (IF NEEDED)**
8. **OPEN ABRASIVE METERING VALVE TO DESIRED SETTING**
 - Pot-Fill Mode
9. **HOLD PLUNGER**
10. **BLAST**
 - Open POT SHUT-OFF VALVE
 - Turn on EMERGENCY SHUT-OFF switch
 - Press DEADMAN SWITCH and continue blasting

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Shutdown

RECOMMEND:

BLOWOUT BLAST HOSE

- Close POT SHUT-OFF VALVE
- Open SURFACE RINSE
- Activate EMERGENCY SHUT-OFF SWITCH
- Press DEADMAN SWITCH (10 seconds)
- Close SURFACE RINSE
- Press DEADMAN SWITCH (10 seconds)

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2. **CLOSE POT SHUT-OFF VALVE** (1" ball valve below control panel)
3. **CLOSE ABRASIVE METERING VALVE**
4. **OPEN POT DUMP VALVE**
 - Depressurize Pot
5. **SHUTOFF SUPPLY AIR**
6. **OPEN SYSTEM AIR PURGE**
 - All Gauges = 0

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ALWAYS! CLOSE POT SHUT-OFF VALVE WHEN NOT BLASTING



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