

# QUICK SET-UP GUIDE

- 1. TURN OFF EMERGENCY SHUT-OFF SWITCH** (red switch on lower-left corner of control panel)
- 2. CLOSE POT SHUT-OFF VALVE** (1 ½" ball valve at knee level)
- 3. CHARGE POT**
  - Open both BLOW DOWN VALVE and AIR PURGE VALVE (located on the side of the pot)
  - Fill pot with water (until water runs out of BLOW DOWN VALVE)
  - Add desired abrasive until the abrasive reaches the bottom of the plunger when it is in the down position (Notice the water will be displaced as the abrasive goes in and overflows out of the BLOW DOWN VALVE.) (This process ensures that all the abrasive gets wet) (Should hold about 600 pounds)
  - Close BLOW DOWN VALVE and top-off pot with water until it flows from AIR PURGE VALVE
  - Close AIR PURGE VALVE (all air should be out of the pot at this point)
- 4. SET POT PRESSURE**
  - Turn 3-way valve (on control panel) to POT FILL position
  - 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 30 psi more than desired blast pressure)
- 5. SET BLAST PRESSURE**
  - Turn BLAST PRESSURE regulator knob clockwise to desired working blast pressure (This should be set at 30psi less than the pot pressure was previously set)
- 6. SET ABRASIVE METERING VALVE**
  - Close ABRASIVE METERING VALVE by turning clockwise until it stops
  - Turn knob back counterclockwise 1/4 turn to the 12 o'clock position (This will allow minimal abrasive to be used initially and can be increased later if needed)
- 7. BLAST**
  - Turn 3-way valve to blast position
  - Open POT SHUT-OFF VALVE (1 ½" ball valve at knee level)
  - Turn on EMERGENCY SHUT-OFF switch
  - Press DEADMAN SWITCH and begin blasting

## **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**