

SET UP SHEET FOR THE CrystalBlast SCOUT



Please read this sheet before operation of the machine. This single sheet will help you to understand proper setup for the machine and any special items making sure the machine operates properly. Use the machine manual for proper adjustment, operation and service of the machine.

After the machine packaging has been removed and the machine has been placed in its user location check the following items correcting any conditions that might prevent proper operation. The machine has a wall hanging bracket attached to the back of the cabinet. This allows the Scout to be installed on a stud wall, locate the wall studs and drill a 5/16" hole into the stud. Use a 3/8" x 2-1/2" Lag Bolt with flat washer to hold the machine in place, never place more than a 10 pound part inside the cabinet when mounted to any wall...bracket is set for 16 inch stud centers.

1. Make sure you have enough compressed air volume for the blasting pressure you will be using. The gun inside the Scout consumes 9 cfm @ 60 psi blasting pressure. Media Blast advises doubling the cfm volume of the air compressor to prevent premature compressor failure and or hot compressed air from entering the cabinet.
2. Install an ambient dryer on the machine air inlet if the machine will be use more than one hour per day. The Scout is a limited duty machine with a daily machine duty cycle rating of 5% or about 30 minutes per day.
3. Make sure to check any hard line air compressor supply lines for restrictions in the form of undersized plumbing fitting, Tee fittings or small undersized air controls that might be located on the compressor.
4. Insure the air is dry and moisture free. If the compressor is marginal, equal to or less than 18 cfm, the air will transfer to the cabinet hot and moisture will be created inside the cabinet, abrasive will then stop flowing.
5. Install a main air shut-off valve before the air inlet into the machine, this permits machine maintenance in the future.
6. All blasting cabinets require a negative pressure inside the cabinet. The Scout can use any standard Shop Vacuum or the optional large filter area found in the VAC-110 dust collector. At this time connect the hose of the vacuum dust collector being used to the outlet of the vacuum separator located on the side of the cabinet.
7. Attach the foot pedal valve to the air inlet located in the regulator - air filter water trap located on the right machine leg. Make sure to tighten the supplied hose camp.
8. The compressed air of the Scout can be connected using a quick-disconnect air fitting capable of passing a total of 16 cfm of compressed air . Never use 1/4" yellow spiral hose, the friction inside the hose will slow the air flow down and limit compressed air volume.
9. Plug the vacuum dust collector cord into the machine ON-OFF service outlet cord. This allows the dust collector to turn on with the machine lights. If using a standard shop vacuum always turn the on-off switch of the shop vacuum to the on position.
10. Plug the machine service cord into any 20 amp. 120 volt single phase 60 cycle service outlet. It is important that no other electrical items are running off this service outlet. Vacuum blowers are 12 amp., 1500 watt, motors. With lights the outlet service being used can overload the circuit breaker if additional electrical items are on the same service outlet.... NEVER USE EXTENSION CORDS.