

DIRECT AIR PRESSURE HAND OPERATED SHUT BLAST CABINETS

Pitless design with door counterbalance weights built into the cabinet legs for smallest size. Shallow pit under cabinet with fixed vertical door runners above for other sizes.

CABINET :

3/16 in, mild steel plate fabrication of folded and welded construction giving clean lines to avoid accumulation of external dust. The counterbalanced door provides a large opening and is fitted with an angled viewing window for maximum vision of the work piece. Cast iron armhole frames, complete with rubber seals prevent operator fatigue. The door is held both in open and closed position by a safety catch. A steel fabricated light box is fitted in the cabinet roof for illumination.

The floor of the cabinet consists of heavy duty perforated steel plates to withhold debris. Larger cabinets are also fitted with an additional drawer sieve immediately above the Pressure Vessel. Blast hose entry into cabinet is provided both in the side and at the roof.

PRESSURE VESSEL :

This consists of two dished ends welded together to give maximum storage capacity for minimum depth. It is designed for a maximum working pressure of 100 p.s.i. and tested hydraulically to 200 p.s.i. The mushroom filling valve is a lightweight die casting which is lifted against a rubber sealing ring by means of the incoming compressed air. A high lift to close the valve ensures rapid transfer of abrasive from the cabinet hopper. Simplicity of the valve mechanism ensures trouble free operation with minimum maintenance and it will close at low operating pressures.

ABRASIVE MIXING VALVE :

Abrasive and air flow to the nozzle is infinitely adjustable by means of an externally mounted control valve. Hence, the correct air/abrasive mix may be selected to give full blasting efficiency for various abrasives and applications. On/off control of blasting is by means of a foot pedal control conveniently mounted across the front of the cabinet. The mains air inlet is fitted with an oil and moisture separator.

BLAST NOZZLE AND HOSE :

A CARBON TETRA BORIDE long life nozzle is fitted as standard with connection to heavy duty rubber shot blast hose.

DUST ARRESTER :

The 'B' type Dust Arrester may be connected directly to the back of the cabinet or interconnected separately by means of ducting. The Dust Arrester is of the fabric screen type with built in fan and motor, hand shaking mechanism and convenient dust disposal door.

ABRASIVE :

We can advise on all types of metallic and non-metallic abrasives. All standard cabinets have a metallic abrasive capacity of 2 cwt. (approx. 1 cubic foot). Larger capacities can be provided for special applications.

OUR PRESENT RANGE OF EQUIPMENT :

- Wheelabrator Airless Shot Blasting machines
- Wheelabrator Shot Peening machines
- Wheelabrator Rubber and Plastic Deflashing machines
- Compressed Air Shot Blast Cabinets
- Pitless Shot Blast Rooms
- Special Shot Blast Plants
- Liquid Abrasive Honing Plants
- Fabric Fitter Dust Collectors
- Wet Type Dust Collectors
- Arc Furnace Fume Control
- Ultrasonic Cleaning equipment

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INDABRATOR

...So that you may be successful