

## AUXILIARY EQUIPMENTS DIV.

ACOUSTIC CHAMBER, DUST COLLECTOR, SPRAY BOOTH, ABRASIVE BLASTING MACHINES



INTERNAL VIEW OF BLASTING CABINET

Works on **DIRECT PRESSURE** principle of blasting, the pressure blaster produces high abrasive velocity resulting to cleaning of job at faster rate. A pressure vessel directly bolted below hopper of cabinet has automatic abrasive refilling arrangement. A tubular fabric bag type dust collector with generous filter area is attached with cabinet as standard feature for high efficiency of dust collection. A manual shaker is also provided for bag shaking. It is recommended for fast cleaning, for removal of heavy rust and corrosion using coarse abrasive, it is most suitable for etching the surface needed for thermal spaying. Blast pressure can be controlled from 30 to 90 psig. Almost all types of coarse and medium size abrasives can be used depending upon application.

Options available on request

- 1) Motorised bag shaking arrangement.
- 2) Reversejet cartridge filter / pleated bag type dust collector.
- 3) Higher output Blast Gun in place of standard.
- 4) Foot operated treadle switch for blasting ON/OFF
- 5) Fitted with optional accessories such as Turntable, Workcar with Track Extension



### ADVANCE FEATURES

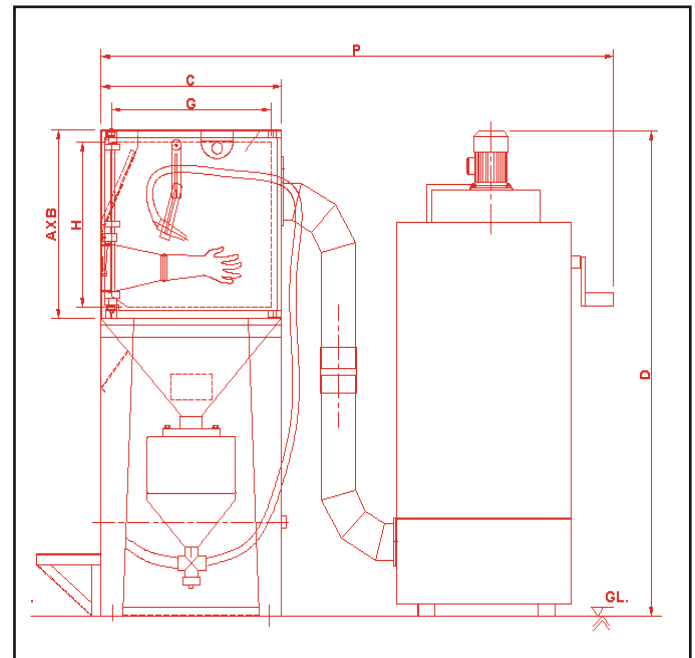
- ◊ Machine meets **OSHA Standards**.
- ◊ Wearable parts are ceramic coated for long service life like blast gun, vibrator's ball etc.
- ◊ Boron carbide nozzle is incorporated that has three times service life as compared to tungsten carbide nozzle.
- ◊ Easy fitments of accessories like vision window, nozzles, hoses etc. whenever required at site.
- ◊ High luminous intensity for good illumination also proper ventilation for clear visibility while blasting.
- ◊ Ergonomic cabinet is designed to make operator relaxed while working.
- ◊ Doors are provided with cam lock system and single lever which properly seal the door.
- ◊ A flexible, antistatic and light weight hose has been used for long service life.
- ◊ Noise level of fan is kept below 80 dBA at operator's position.

**ABRASIVE BLASTING CABINET**  
For Surface Preparation & Industrial Cleaning

The blast cabinets are fabricated 10 gauge steel construction. They have full opening, hinged doors on both sides of the cabinet. The doors have lips which prevent spilling abrasive out of the cabinet. The high wear areas inside the front and rear of the cabinets are lined with rubber sheets. The work surface is an easily removable piece of thick perforated steel sheet. The bottom of the cabinet is hopper shaped to collect and recycle the abrasive.

The cabinets have glove ports with arm-length neoprene gloves. The hand portions are cloth lined for operator comfort. The view windows are safety glass, sealed in a rubber gasket.

A built-in separator returns the reusable abrasive to the hopper for recycling and passes the broken-down abrasive, dust and debris out of the cabinet to the dust collector. The dust collector consists of a bag type filter and exhaust blower in a welded steel enclosure.



## OPTIONAL ACCESSORIES

### Inside Turntable

The turntable is fixed inside the cabinet on bearing for easy and free manual rotation of jobs.



- 1) Load Capacity (Kg.): 50
- 2) Turn Table Diameter (mm): 500 & 700

### Workcar with Turntable & Mounted Track Extension

The Turntable is fixed on workcar. The track extension is provided inside of cabinet to facilitate workcar movement. It is ideal for handling large and heavy components.



- 1) Workcar Length (mm): 600, 750 & 900
- 2) Track Extension Length (mm): 1500

MODEL	TECHNICAL SPECIFICATIONS		
	PB-9182	PB-12090	PB150120
Working Chamber mm			
Height A	775	900	900
Width B	910	1200	1500
Depth C	820	900	1200
Door Opening mm			
Width G	730	800	1100
Height H	675	800	800
Overall Dimension mm			
Height D	2130	2030	2080
Width	1100	1365	1665
Depth P	2500	2430	2730
Reclaimer Fan Motor HP	1.0	1.0	1.5
Fan Capacity M <sup>3</sup> /min	14.16	14.16	22.66
Fan Capacity (CFM)	500	500	800
Filter Cloth Area M <sup>2</sup>	7.5	7.5	10.0
Blast Nozzle mm	*5,6	*5,6	*5,6
Abrasive Storage Capacity Litres (CFT)	28(1.0)	42(1.5)	42(1.5)
Pit Size mm			
Width	—	600	900
Length	—	2180	2530
Depth	—	510	600
Net Weight (Kg.) [approx.]	580	650	760
**The size supplied unless otherwise specified.			

## CERTIFICATIONS

ISO 9001:2015

AS 9100D, CE

API SPEC Q1

ISO/IEC 17025:2017



RATINGS MSE2



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