

# CABINET ABRASIVE BLAST CLEANING & FINISHING

## PRESSURE BLASTER - PB

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. PB 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 rubber-lining, FRP lining and metal spaying. Castings and forgings are cleaned speedily. 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

- Motorised bag shaking arrangement.
- Reversejet cartridge filter dust collector.
- Higher output Blast Gun in place of standard.
- Foot operated treadle switch for blasting ON/OFF.
- Fitted with optional accessories.



## CABINET SPECIFICATIONS

MODEL	PRESSURE BLASTER (PB)			SUCTION BLASTER (SB)		
	PB-9182	PB-12090	PB-150120	SB-6060	SB-9182	SB-12090
Working Chamber mm						
Height A	775	900	900	600	775	900
Width B	910	1200	1500	600	910	1200
Depth C	820	900	1200	600	820	900
Door Opening mm						
Width G	730	800	1100	500	730	800
Height H	675	800	800	500	675	800
Overall Dimension mm						
Height D	2130	2030	2080	1660	2120	2570
Width	1100	1365	1665	800	1070	1365
Depth P	2500	2430	2730	1500	1400	1700
Dust or Mist Collector or Reclaimer Fan Motor HP	1.0	1.0	1.5	0.5	1.0	1.5
Fan Capacity (M <sup>3</sup> /min)	14.16	14.16	22.66	5.66	11.32	16.98
Fan Capacity (CFM)	500	500	800	200	400	600
Filter Cloth Area (M <sup>2</sup> )	7.5	7.5	10.0	1.0	2.0	4.0
Slurry Pump Motor (HP)	---	---	---	---	---	---
Airjet Orifice mm	---	---	---	*2,3	*3,4	3,*4
Blast Nozzle mm	*5,6	*5,6	*5,6	*6,8	*8,10	8,*10
Abrasive Storage Capacity Litres (CFT)	28(1.0)	42(1.5)	42(1.5)	28(1.0)	28(1.0)	42(1.5)
Pit Size mm	---	---	---	---	---	---
Width	---	600	900	---	---	---
Length	---	2180	2530	---	---	---
Depth	---	510	600	---	---	---
Weight in Kg (approx.)	580	650	760	250	380	490
Abrasive Feed	Direct Pressure			Induction Suction		

\* The size supplied unless other wise specified. All motors used are 415V/3P/50HZ. specifications are for guidance & subject to change without notice.

### QUALITY OF COMPRESSED AIR

The quality of compressed air recommended is 1600 ppm at - 10°C dew point. However, instrument air is normally used in practise. Air dryer is recommended to dry and moisture free air.



## NATIONAL ENTERPRISES

MANUFACTURERS OF : Industrial Blast Rooms, Airless & Air Operated Abrasive Blasting Machines, Shot Peening Plants, Industrial Dust Collectors, Painting Equipments & Booths



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