

ABD-1000

Pressure Blast Cabinet



This Pressure Blast Cabinet is primarily suitable for delicate or lighter work such as:

- cast and construction operations
- removing of mill scale, rust and coating layers
- dulling of non-ferrous metals

The blast cabinet operates with a compressed air system. The shotblasting vessel is constructed at the shotblasting funnel directly under the working area space and provided with wear resistant parts which require minimum maintenance.

The dust filter installation is constructed behind the working space and features a separator.

The installation is constructed of 3 mm steelplate and finished with a coating layer in the colour grey. The blasting space is completely covered with 3 mm rubber.

Delivery includes:

- revolving door (positioned at the front-side of the cabine) with safety control switch
- lighting 4x18 Watt
- 3 perforated grids in working area
- 1 window exchangeable
- 1 window securit
- 2 flexible rubber openings
- build-in controlpanel with main switch, control safety switches for exhauster and lighting
- 1 nozzle holder with 6 mm Boron Carbide Nozzle
- blast hose 3/4" which is guided through the roof of the machine
- reducing valve (0 - 10 bar) operated by a pilot valve with manometer on the front of the machine
- electric footpedal to operate the blastvessel

Automatic blasting vessel - dimensions

Diameter : Ø 350 mm

Max. pressure : 6 bar

Construction:

The blastvessel has a capacity of approximate 28 litres, made from 5 mm steelplate and is provided with an automatic closing dual stage popup valve and grithopper with sieve. Further complete with an electrical 2/2 way inlet valve 1" and abrasive metering valve type "Microvalve".

Operating principle:

The abrasive falls into the hopper via the work grating in the working area of the blast cabinet. From the hopper the abrasive is poured into the blast vessel. By depressing the foot pedal the blast vessel is pressurized and closed by the cone. When the blast vessel is filled and pressurized the abrasive is transported to the working area of the blast cabinet via the abrasive hose. The abrasive hose with abrasive leads to the blast nozzle. The ratio between compressed air and abrasive can be adjusted by using the abrasive metering valve and the air regulator of the compressed air supply.

Dimensions			
	Cabinet	Working area	Door
Height	2400 mm	1000 mm	850 mm
Width	1020 mm	1000 mm	700 mm
Depth	1700 mm	1000 mm	