

## Suction Blast Units



**SB1200 Model**



**SB1000 Model**

The most widely used method of cabinet blasting is the Suction System. This design combines the advantages of minimal compressed air requirements, standard mesh media and simple operating techniques. This system provides a particularly economical answer to most blasting applications.

This cabinet features an air hose and material hose attached to an assembly commonly referred to as a Suction Gun.

The Suction Gun contains an air jet through which compressed air is propelled at high velocity, causing a vacuum in the material line.

The end of the material line is inserted into the pickup assembly at the base of the cabinet hopper.

The dry media is sucked into the line, enters the mixing chamber of the suction gun and is propelled through the blast nozzle at the work surface. After the blast flow strikes the work object, the spent media drops into the hopper at the bottom of the cabinet and is recycled. Fine particulate matter and residue is carried off the vacuum system of the dust collector.

A wide variety of media can be used in our Suction Cabinets, such as glass garnet, Aluminium oxide, and fine steel abrasives.

**Cabinet:** The cabinet are manufactured from carbon steel 2-3mm and forms a freestanding structure. All parts are painted with Hammer-tone paint. The cabinets are manufactured in four basic sizes see below

**Dust Collector:** All models are supplied with a 200L Drum filter as standard.

**Pneumatic Controls:** All models are fitted with foot operated On/Off control.

**Shatter Proof Window:** Provided is a laminated view window, situated in a convenient viewing window. The SB1800 is provided with two viewing windows as standard.

**Work Gloves:** Specially designed 680mm rubber gloves. The SB1800 has two pairs of gloves as standard.

**Lighting:** All models have fluorescent lighting. All lights are protected by impact resistant lens.

**Work Floor:** The floor is steel perforated plate.

**Access Door:** The large access door is hinged on the right hand side of cabinets with safety door interlocks.

**Electrical:** A fully wired three pin is wired to the light and also supplied with Dust Collector.

**MODELS:**    **SB 800**      **SB1000**      **SB 1200**      **SB 1500**      **SB 1800**

|                | <b>Sizing</b>        |
|----------------|----------------------|
| <b>SB 800</b>  | <b>= 800x800mm</b>   |
| <b>SB 1000</b> | <b>= 1000x600mm</b>  |
| <b>SB 1200</b> | <b>= 1200x900mm</b>  |
| <b>SB 1500</b> | <b>= 1500x1200mm</b> |
| <b>SB 1800</b> | <b>= 1800x1200mm</b> |

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