

# Technical Data Sheet

## Suction Type Blast Cabinet



*Note: Read and follow the Blastline Blast machine operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.*



### Description

Blastline blast cabinet is suitable for all abrasives and universally applicable for: cleaning, polishing, de-rusting, descaling, hardening etc. Suction blasting cabinets are used with suction blast guns or blast cabinet guns. These guns direct a mixture of compressed air and abrasive media at high speed to remove corrosion, coatings, rust, etc. The blast stream from the gun can produce a uniform texture or create an etched finish to increase bonding strength for coating.

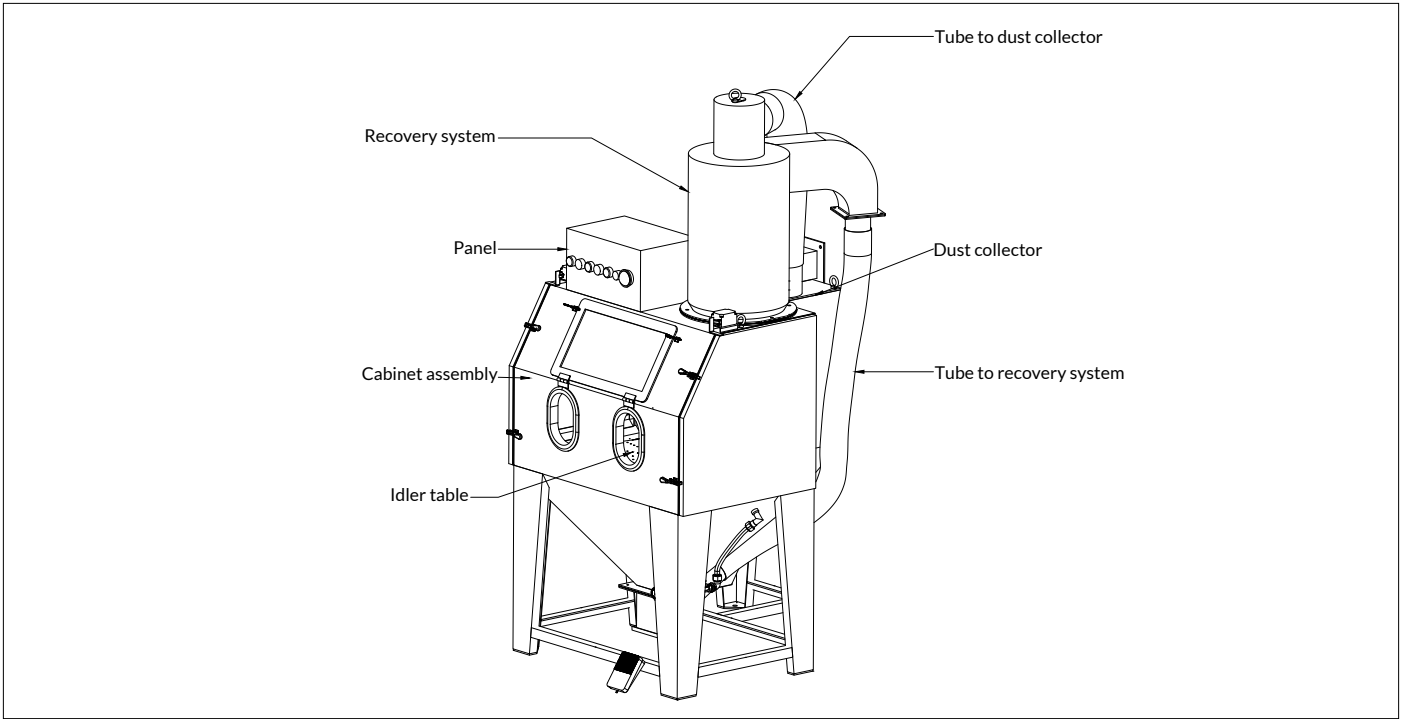
### Application

- Suction Blasting Cabinet used for many coating, painting, and corrosion issues, suction sandblast cabinets offer the best cleaning, smoothing, and finishing possibility
- Suction Blaster cabinets are best used to provide an adorning or aesthetically acceptable surface finish on a variety of materials.

### Working

Blasting Cabinet works on the induction-suction principle of abrasive delivery. Suction Blasting Cabinet is recommended for light and medium-sized components where the surface is to be cleaned. Suction Blasting is the simplest and most effective way to remove corrosion and old paint. Blasting Cabinet is useful for heat treatment shops, tools, dye and mold makers and shot peening of light metal components, etc. When the cabinet and power module are correctly set-up, the cabinet is ready for operation by the actuation of the foot pedal. Air to flow through the blast gun when fully depressing the foot pedal.

Air moving through the gun draws media into the blasting gun mixing chamber. The grit mixes with the air and is propelled out of the blasting nozzle. After striking the object being blasted, the blast media, along with fines, dust, and by-products generated by blasting, fall through the grate into the cabinet hopper for separation, the particles are drawn into the reclaimer. Dust and fines are separated in the reusable blast media, then media is screened of oversize particles, and returned to the reclaimer hopper for reuse. Dust and fines are drawn from the reclaimer into the dust collector which traps the dust, discharging clean air. When the foot pedal is released the blasting is stopped.



### Features

- 2 side door openings for easy access.
- Door interlocks designed to cease blasting operations if the door is opened.
- Pneumatic foot control pedal for operation.
- 1 inch nylon nozzle holder with short tungsten carbide nozzle.
- Flexible rubber gloves pair.
- Blast hose 1/2".
- Fitted with pressure gauge , air regulator, & moisture separator.
- Seperate air regulator for controlling blasting pressure.

### Dimensions

	Cabinet	Working Area	Door	Max.job size
Height	2400 mm	700 mm	650 mm	350 mm
Width	1100 mm	1000 mm	650 mm	600 mm
Depth	1550 mm	700 mm	--	600 mm

### Specifications

- Dust collector motor :** 2HP - 2800RPM
- Dust collector cartridge :** Diameter - 230mm | Length - 630mm
- Working voltage :** AC 415V
- Dust collector :** Single Cartridge Pulse Jet Type
- Working pressure :** 4-6 Bar
- Fan capacity :** 600 CFM
- Air consumption Range :** 13-15 CFM @ 5.5 Bar
- Idler table :** Ø 600 mm

### Parts List

Refer document 24102 for part list