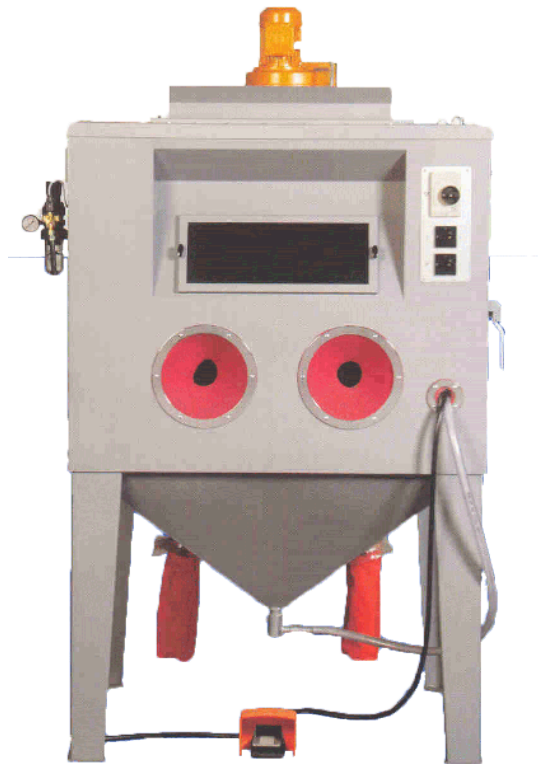


S61

Vacuum Injection Blast Cabinet



The Sybrandy Vacuum Injection Cabinets are designed for rustremoval, cleaning, slagging, frosting, chipping and polishing. The unit is especially designed for manual shotblasting of all sorts of smaller items. Equipment with a continuous circulation system for the shotblasting medium and a built in high efficiency filtersystem.

Dimensions

Height : 1.860 mm
Width : 1.200 mm
Depth : 1.010 mm

Working area

Height : 980 mm
Width : 1.180 mm
Depth : 750 mm

Door

Height : 830 mm
Width : 600 mm

The system is ready to operate and comes complete with:

- 2 flexible rubber openings to operate the nozzle.
- 1 pair of rubber gloves.
- 1 exchangeable window.
- 1 perforated working area.
- 1 nozzleholder with 8 mm boron carbide nozzle, complete with all necessary hoses and connections.
- 1 pneumatical foot switch to operate the nozzle.
- 1 lighting element with special protection cover and 2x18 Watt neon lamps.
- 1 safety switch for exhaustermotor.
- 1 adjustable airpressure reducing valve with manometers.
- 1 rubber protection inside backwall.
- 1 door safety switch with magnetic valve.

Technical specification

Exhaust capacity	: 600 m ³ /h
Motor output	: 0,37kW
Electric motor	: 230/400 V, 3 Phase, 50 Hz
Filter bags	: 6 pieces
Filter area	: 2,4 m ²
Filter percentage	: 99,9 %
Max. dust emission	: 1 mg/nm ³
Dust collecting bags	: 2 pieces
Cleaning	: manual shaking device
Weight	: 332 kgs.
Nozzle	: 8 mm boron carbide
Air consumption	: 680 l/min. at 5 bar

Operating principle

Dust particles enters through the inlet plenum of the collector, where heavy particles fall into the collecting bag which is placed under the shotblasting funnel. As the air flows through the filter cartridges, dust is deposited on the outside of the filtering media. The filter cartridges are cleaned automatically and continually without interrupting the operation of the dustcollector. An adjustable timer controls the pulse time. Solenoid valves introduce jets of high-pressure air into each pair of cartridges in turn, through the venturi opening above each cartridge. The resulting reverse airflow cleans the filter cartridges. Dust removed from the filter surface settles into the shotblasting funnel. As each pair of filter cartridges is cleaned in succession, the remainder stay in operation.