

CABINE DI SABBIAATURA AD ASPIRAZIONE

TECHNICAL DESCRIPTION

BLASTCABINET TYPE AB-90

Injection/vacuum system, for rust removal, cleaning, slagging, frosting, chipping and polishing. The unit is especially designed for manual shot blasting of all sorts of smaller items. Equipped with a continuous circulation system for the shot blasting medium and a built in high efficiency filter system.

Outside dimensions

Width : 1.010 mm
Depth : 850 mm
Height : 1.950 mm

Working area

Width : 1.000 mm
Depth : 600 mm
Height : 600 mm

Door opening

Width : 1.000 mm
Height : 600 mm

Technical details

Exhauster capacity	:	210	m ³ /h
Power consumption	:	0,37	kW
Electric connection	:	230	Volt, 50 Hz
Filter bags	:	4	pieces
Dust collecting bag	:	1	piece
Filter area	:	1,6	m ²
Max. dust emission	:	1	mg/nm ³
Filter percentage	:	99,9	%
Filter cleaning	:	manual	shaking device
Weight	:	200	kg
Nozzle	:	6	mm, borium carbide
Air consumption	:	425	l/min at 5 bar

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 nozzle holder with 6 mm **Tetrabor** nozzle, complete with all necessary hoses and connections.
- 1 pneumatically foot switch to operate the nozzle.
- 1 lighting element with special protection cover and 2x18 Watt neon lamps.
- 1 switch for exhauster motor and lighting
- 1 air pressure reducing valve with built-in filter and manometer
- 1 pneumatic 3/2 safety valve

CABINE DI SABBIAIATURA AD ASPIRAZIONE



CABINE DI SABBIATURA AD ASPIRAZIONE

Pos. 002 - ONE BLASTCABINET TYPE AB-61

Injection/vacuum system, 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.

Outside dimensions

Width : 1.200 mm
Depth : 1.010 mm
Height : 1.860 mm, including ventilator 2.230 mm.

Working area

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

Door opening

Width : 600 mm
Height : 830 mm

Technical details

Exhaust capacity : 600 m³/h
Power consumption : 0,55 kW
Electric connection : 230/400 Volt, 50 Hz
Filter bags : 6 pieces
Dust collecting bag : 2 piece
Filter area : 2,4 m²
Max. dust emission : 1 mg/nm³
Filter percentage : 99,9 %
Filter cleaning : manual shaking device
Weight : 332 kg
Nozzle : 8 mm, borium carbide
Air consumption : 680 l/min at 5 bar

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 nozzle holder with 8 mm **Tetrabor** nozzle, complete with all necessary hoses and connections.
- 1 pneumatically foot switch to operate the nozzle.
- 1 lighting element with special protection cover and 2x18 Watt neon lamps.
- 1 safety switch for exhauster motor.
- 1 adjustable air pressure reducing valve with manometers.
- 1 rubber protection inside back wall.
- 1 door safety switch with magnetic valve.

CABINE DI SABBIAIATURA AD ASPIRAZIONE



CABINE DI SABBIATURA AD ASPIRAZIONE



BLASTING CABINET TYPE ABDI-1500

Injection/vacuum system, for rustremoval, cleaning, slagging, frosting, chipping and polishing. The unit is especially designed for manual shotblasting of all sorts of smaller items.

The cabinet consists of a working chamber with underneath a blast medium funnel. A dust filter with pre-separator is part of the cabinet.

The working chamber is covered with 3 mm rubber on the walls and the door. Attached to the blast cabin, is a pre-separator to separate the heavy parts from the air flow before the air flow enters the dust filter. Underneath the funnel, the injector is attached.

Dimensions

Height : 2.790 mm.
Width : 1.560 mm.
Depth : 1.700 mm.

Working area

Height : 1.000 mm.
Width : 1.500 mm.
Depth : 1.000 mm.

Door

Width : 700 mm.
Height : 850 mm.

Specifications shotblasting cabine

- revolving door (positioned at the rightside 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 SI-72 with 8mm Borium Carbid nozzle.
- blasthose 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.
- pneumatic footpedal.

CABINE DI SABBIATURA AD ASPIRAZIONE

Cartridge dust-filter PF2

Technical specification

Exhaust capacity	:	600	m ³ /h.
Motor output	:	0,55	kW.
Electric motor	:	230/400	Volt - 50 Hz.
Filter cartridges	:	2	pieces.
Filter area	:	18	m ² .
Filter material	:	Polyester fabric.	
Filter percentage	:	99,9	%.
Max. dust emission	:	> 3	mg/nm ³ .
Dust collecting bags	:	1	pieces.
Cleaning	:	continous by compr. air → max. 5 bar.	
Pulse time	:	adjustable.	

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 filtercartridges, dust is de-positated on the outside of the filtering media. The filtercartridges 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 filtercartridges. Dust removed from the filtersurface settles into the shotblasting funnel. As each pair of filtercartridges is cleaned in succession, the remaining stay in operation.