Secureair
Via Stroppiana, 15 - 10071 Borgaro torinese (Torino) Italy
Tel. +39 011 4502031 – Fax +39 011 47 03 927 - info@secureair.it - www.secureair.it

SBV suction bench with integrated fan and filters

Sectors Welding, Sanding, Powder blowing, Grinding,

Applications Fix

Issues Fumes, Powders

COD: SBV000000000000

The SBV extraction bench is designed to protect the operator from fumes and volatile dust emitted by professional processes such as welding, deburring, sanding, or grinding metals in the metalworking industry, foundries, and all sectors where surface treatments are carried out with dry abrasives. It is also used for cleaning parts or blowing off dust from components.
The extraction bench is ready for use, with no need for external fans, filters, or electrical connections, as the on/off switch is already equipped with a three-phase plug.
The basic version of the bench, as shown in the price list below, comes complete with a worktop, suction front, magnetothermal on/off switch wired to the motor, and adjustable feet.

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Insight

The structure of the SBV suction bench is made of strong galvanized press-bent sheet metal sized to withstand mechanical stress and supported weights.
The suction support and work surface is composed of a reinforced structure with side uprights outside the bench to discharge the weight to the floor.
The front suction bulkhead is constructed of punched galvanized sheet metal for fume extraction, and upon request is available in anti-rebound metal mesh to cushion any grinding chips.
The filter section incorporated inside the bench consists of two stages:

- **Flat metal filters for sparks and coarse particles**: frame made of U-shaped galvanized sheet metal profiles, two containment meshes of electro-welded galvanized steel wire and filter media made of layers of metal mesh in aluminum cusped braid.
- **Rigid pocket filters for fine dust**, consisting of a molded polypropylene frame with high mechanical strength within which the filter panels are housed. The filter media is made of fire-retardant and water-repellent glass microfiber paper is pleated and evenly spaced by thermoplastic separators.

The fan is located inside the bench and is specially designed for this type of use, ensuring high performance due to the steel backward-bladed impeller directly coupled to the motor.
As standard, the bench comes with a thermal-magnetic on/off switch.
On the side of the machine body is the rectangular-section hole for filtered air discharge, which is of adequate size to easily connect the exhaust pipe or a silenced bend with upward air discharge.
Larger slag and any accidentally dropped objects remain in the collection drawers on the front of the bench that can be easily opened.

Models available in variant table
SBV with fan and filters eff. 85%
SBX with ATEX components and 95% eff. filters
SBH with fan and HEPA filters
Accessories: you can customize the bench to suit your production needs by choosing from the various accessories available at the bottom of the page, or by contacting one of our consultants who will advise you on how to configure the system, for example, by adding the side bulkheads shown in the photo.

PLUG & PLAY!
The vacuum bench already assembled, complete with vacuum cleaner, new filters, switch, perfectly packaged, with instructions and certifications. Simply connect it to the power supply to start working.
Pictures for illustration purposes, with any accessories to be added when ordering.

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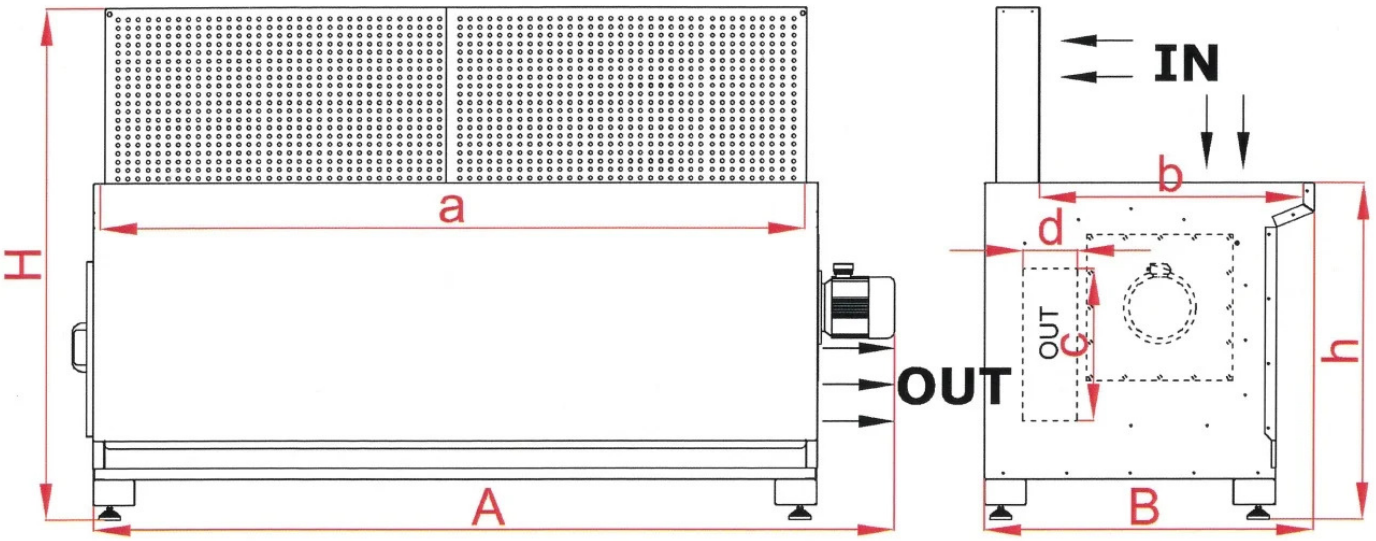
Dimensions



Code	Drawer L	A mm	a mm	B mm	b mm	C mm	c mm	D mm	d mm	H mm	h mm	H1 mm
SBV100000000000	Front	1210	870	900	715	930	415	1400	200	1400	920	1975
SBV150000000000	Front	1710	1370	900	715	930	415	1400	200	1400	920	1975
SBV200000000000	Front	2210	1870	900	715	930	415	1400	200	1400	920	1975
SBV300000000000	Front	3100	2760	900	715	930	415	1400	200	1400	920	1975
SBV10X000000000	Front	1210	870	900	175	930	415	1400	200	1400	920	1975
SBV15X000000000	Front	1710	1370	900	715	930	415	1400	200	1400	920	1975
SBV20X000000000	Front	2210	1870	900	715	930	415	1400	200	1400	920	1975
SBV30X000000000	Front	3100	2760	900	715	930	415	1400	200	1400	920	1975
SBVH1000000000	Front	1210	870	900	715	930	415	1400	200	1400	920	1975
SBVH15000000000	Front	1710	1370	900	715	930	415	1400	200	1400	920	1975
SBVH20000000000	Front	2210	1870	900	715	930	415	1400	200	1400	920	1975

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Technical Data

Code	Maximum load kg / m2	Power kW	Nominal flow rate m3 / h	Useful pressure Pa	Liv son Db (A)	Sup filter m2	Filter effect %	Weight kg
SBV100000000000	150	0,75	2000	600	73	18	> 85%	200
SBV150000000000	150	1,5	2700	600	78	18	> 85%	265
SBV200000000000	150	2,2	3300	600	74	36	> 85%	335
SBV300000000000	150	2,2	4300	600	78	54	> 85%	420
SBV10X000000000	150	0,75	2000	600	73	18	> 95%	200
SBV15X000000000	150	1,5	2700	600	78	18	> 95%	265
SBV20X000000000	150	2,2	3300	600	74	36	> 95%	335
SBV30X000000000	150	2,2	4300	600	78	54	> 95%	420
SBVH1000000000	150	1,1	2000	600	73	18	> 99,95%	215
SBVH15000000000	150	1,5	2700	600	74	18	> 99,95%	290
SBVH20000000000	150	2,2	3300	600	74	36	> 99,95%	375

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Photogallery

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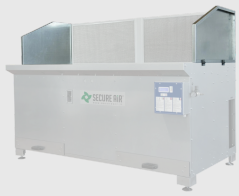
Related accessories

Wheel kit for SB screeds

KITRUOTESB00000

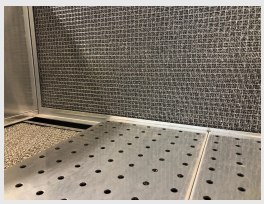
Turn your SBV bench into a mobile workstation with the brake wheel kit.



Pair of non-suction side bulkheads for SB benches

PLSB00000000000

Pair of non-suction side plates compatible with all SB benches.



Anti-sparking front wall for SBA-F-V desks

PFASBAFV0000000

Anti-rebound suction front wall for grinding on SBA, SBF and SBV benches.

Non-suction front extension for SB benches all

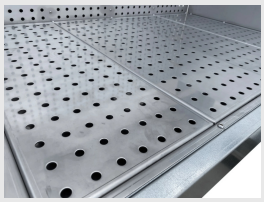
PFNASBT00000000

Non-suction front extension, made of sturdy galvanized steel compatible with all SECUREAIR® suction benches.

Wheel kit for SB screeds

KITRUOTESB00000

Turn your SBV bench into a mobile workstation with the brake wheel kit.



Reinforced top for SB suction benches all

PIARINFSB000000

Reinforced top for all SB models of fume cupboards.

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Side and top casing for SB benches

CSUSB0000000000

Side and top enclosures for dust containment, compatible with all SB series extraction benches.

Vertical air outlet channel H1 mt suction desks

KITSCARICAMBSBT

Vertical air exhaust kit consisting of upward flanged side bend and mt 1 rectangular duct with top grille.

Round flange for adapting air exhaust on silenced bend for SBC/SBV benches

FLTNASCURSB0000

Round flange made of high-quality galvanized sheet metal, to be fixed to the vertical silenced exhaust air outlet for connection to exhaust ducts.
Suitable for SBC and SBV model fume hoods.

Rectangular silencer on ejector for SBC / SBV

SILRETSBCV00000

Rectangular silencer applied on bench air exhaust, available in models 10 / 15 / 20 / 30

Exhaust kit with integrated HEPA filter for SBC-SBV benches

KITSCASBCVHEPA0

Exhaust kit with integrated HEPA 13 filter compatible with all SBC-SBV benches.

MADE IN ITALY

Digital differential pressure switch in electronic control unit

PRESSDIFF000000

The **digital differential pressure switch** is ideal for retrofit installation on existing systems with cartridge, bag or pocket filters.

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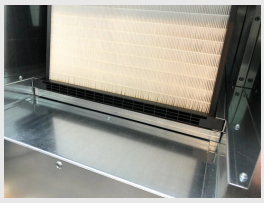
Related spare parts



Replacement filter kit SBV-SBF suction tables

Replacement filter kit for SBV and SBF suction benches.

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