

SBF suction bench with integrated filters

🔧 Sectors **Welding, Grinding,**

🔧 Applications: **Fix**

🔧 Issues **Fumes**



COD: SBF0000000000000

The **SBF suction bench** is to be used to suck in fumes and dust during welding, deburring, sanding or grinding operations on metals and in all areas where surface treatments with dry abrasives are carried out.

Detailed description

The SBF suction bench is the ideal solution for sucking in fumes and dust and **working safely** when welding, deburring, sanding or grinding metals. In fact, the practical and sturdy top of the suction bench ensures **widespread suction on the work surface and frontally**, protecting the operator's respiratory tract.

The bench structure is made of sturdy galvanized (painted upon request) press-folded sheet metal sized to withstand mechanical stress and supported weights.

The support and work surface consists of a reinforced structure on uprights on the sides outside the bench to discharge the weight to the floor.

The front suction bulkhead is constructed of punched galvanized sheet metal for fume extraction; upon request, it is available in anti-rebound metal mesh to cushion any grinding chips.

The **filter section** is incorporated inside the bench and consists of two stages:

- flat metal filters for sparks and coarse particles, consisting of a 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 cusped aluminum 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.

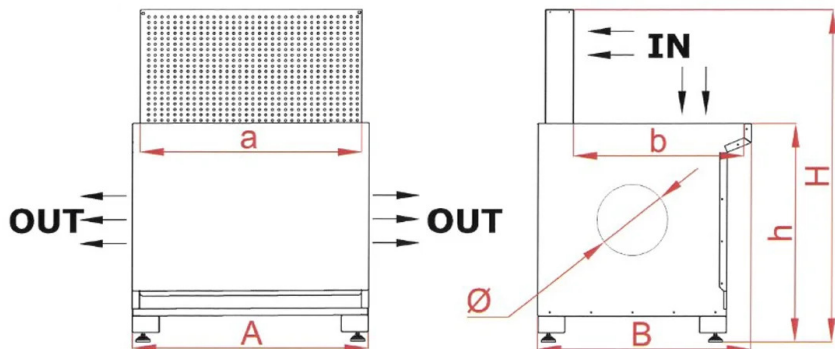
On the side, the hole for exhausting the filtered air is **made** with an outlet of rectangular section of appropriate size, so that the exhaust piping can be easily connected. Upon request curve with silencer or suction connection for connecting the bench to the centralized system.

Larger slag and any accidentally dropped **objects** remain in the easily opened collection drawers on the front of the bench.

In this version the bench is **complete with filters**; an external suction fan or a centralized plant to which it can be connected with adequate pressure is needed (see rated flow rates).



Dimensions



Code	A mm	a mm	B mm	b mm	H mm	h mm	Ø mm
SBF100000000000	1210	870	900	715	1330	920/960	300
SBF150000000000	1710	1370	900	715	1330	920/960	300
SBF200000000000	2110	1870	900	715	1330	920/960	300
SBF300000000000	3100	2760	900	715	1330	920/960	300

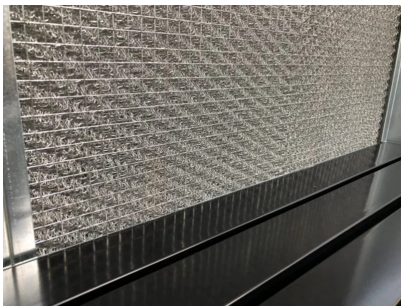
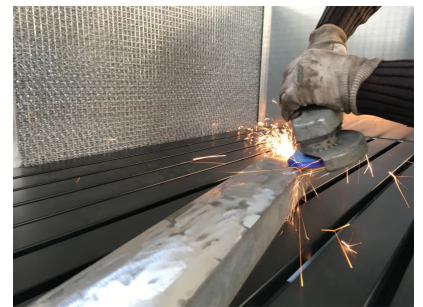
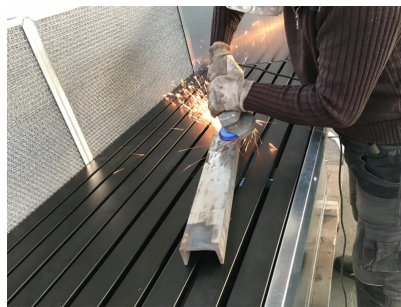
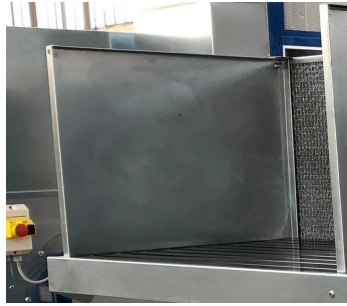


Technical Data

Code	Nominal flow rate m ³ / h	Filter surface area m ²	Weight kg
SBF1000000000000	1000	15	130
SBF1500000000000	2700	15	160
SBF2000000000000	3300	30	200
SBF3000000000000	4800	45	250



Photogallery



Accessories



Wheel kit for SB screeds

KITRUOTESB000000

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



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

PFASBAFV00000000

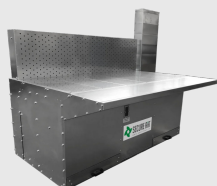
Anti-rebound suction front wall for grinding on SBA, SBF and SBV benches.



Pair of non-suction side bulkheads for SB benches

PLSB000000000000

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

KITRUOTESB000000

Transforms the SBV bench into a mobile workstation thanks to the wheel kit with brake.



Round flange for exhaust air adaptation on silent curve

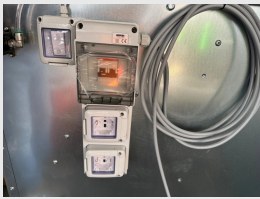
FLTNASCURSB0000

Round flange constructed of high-quality galvanized sheet metal, to be attached to vertical silenced exhaust air outlet for connection to exhaust ducts.

Specify diameter when ordering.

Suitable for suction benches model SBA, SBC, SBV, SBF

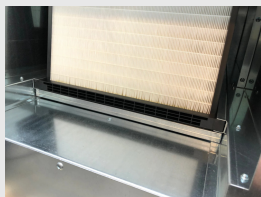




QPSB000000000000



Spare parts



Replacement filter kit SBV-SBF suction tables

Replacement filter kit for SBV and SBF suction benches.



Related products



SBC suction bench with fan and self-cleaning filters

SBC000000000000

The **SBC suction bench** is available in 4 different sizes ranging from 1 to 3 meters. Designed to suck fumes and dust during professional operations that produce emissions dangerous for operators and the working environment as very volatile. This version is suitable for intensive use thanks to **cartridge filters with compressed air cleaning**, which ensure the restoration of maximum filtration efficiency at the end of the cycle and a long life in times.



SBV suction bench with integrated fan and filters

SBV000000000000

The **SBV suction bench** is designed to protect the operator from fumes and volatile dust emitted by professional processes such as welding, deburring, sanding or grinding of metals in the metalworking industry, foundries and all sectors where surface treatments with dry abrasives are carried out. It is also used for cleaning workpieces or blowing parts with associated dust emission. **In this version the suction bench is ready to use**, no fans or external filters or electrical connections are needed because the on/off switch is already fitted with a three-phase plug.

The basic version of the bench, referring to the prices in the table below, is already supplied complete with suction table, on/off circuit breaker wired to the motor and adjustable feet.

Accessories: you can customise the bench according to your production requirements 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 partitions shown in the photo.



SBF suction bench with integrated filters

SBF000000000000

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