

SBC suction bench with fan and self-cleaning filters

- 🔧 Sectors **Welding, Sanding, Grinding, Additive 3D printing, Powder**
- 🔧 Applications: **Fix, Mobile**
- 🔧 Issues **Fumes, Powders**



COD: 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.

Detailed description

Professional operation with pneumatically cleaned filters

Cartridge filtration with pneumatic cleaning, ensures that the suction bench operates without the need to change filters often and provides 99% filtration efficiency even with the heaviest applications.

The SBC suction bench is ready to use; there is no need to connect it to external suction systems, fans or filters, nor to make complex electrical connections. Pneumatic connection includes a pressure gauge as standard, located on the front of the bench near the operator panel.

Key Features

- Sturdy structure composed of modular panels made of thick press-bent galvanized sheet metal, bolted together, without welding, for long service life.
- Adjustable feet (or wheels on request)
- Centrifugal fan located inside the bench structure, in the clean area downstream of the filters, designed for the type of use required.
- Turning the ventilation on and off is controlled by an operator panel located on the front of the bench. Through the display it is possible to view the status of the filters and set filter cleaning parameters.
- On one side of the bench is the filtered air outlet with rectangular section. On request suction connection for connecting the bench to the centralized system or curve for re-entry into the environment.
- The suction support and work surface is made of uniformly perforated reinforced structure, attached to side uprights outside the bench for optimal weight discharge *
- The suction front wall is constructed of first-rate galvanized sheet metal of adequate thickness (upon request front in anti-rebound wire mesh to cushion any grinding chips).
- The two slag collection drawers are made of press-folded galvanized sheet metal, equipped with a practical handle for removal.
- The integrated filter section consists of the latest generation of cartridge filters, made of polyester with 99% efficiency, equipped with pneumatic cleaning, suitable for the heaviest applications.
- Compressed air connection: the suction bench is equipped as standard with a pressure regulator with 3/8" connection. Terminal with 3/8" male is required for connection.

* reinforced top for higher loads on request

Technical insight on suction benches with integrated filters.





If equipped with wheels for handling and silencer for exhaust air in the environment becomes a very flexible tool in production, **completely independent** without the need to connect a chimney for ejection into the atmosphere.



Operator panel positioned on front suction bench

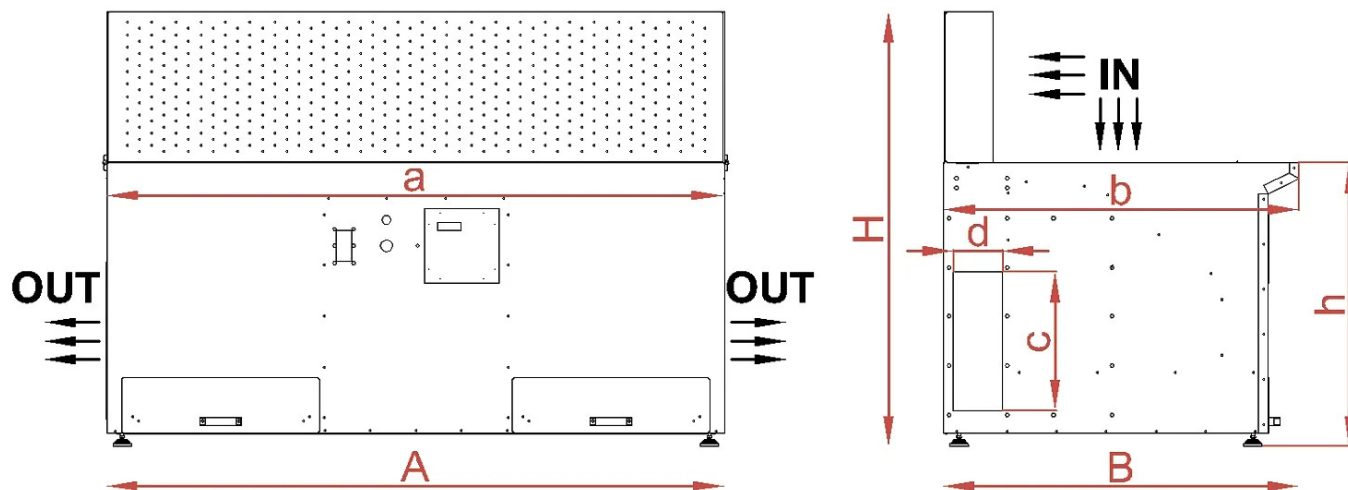


Example of grinding suction.

A series of internal baffles and standard metal mesh panels protect the cartridges from sparks.



Dimensions



Code	A mm	a mm	B mm	b mm	c mm	d mm	H mm	h mm
SBC100000000000	1000	930	1100	950	450	160	1400	920
SBC100000000024	1000	930	1100	950	450	160	1400	920
SBC10X000000024	1000	930	1100	950	450	160	1400	920
SBC150000000000	1500	1430	1100	950	450	160	1400	920
SBC150000000024	1500	1430	1100	950	450	160	1400	920
SBC15X000000024	1500	1430	1100	950	450	160	1400	920
SBC200000000000	2000	1930	1100	950	450	160	1400	920
SBC200000000024	2000	1930	1100	950	450	160	1400	920
SBC20X000000024	2000	1930	1100	950	610	160	1400	920
SBC300000000000	3000	2930	1100	950	610	160	1400	920
SBC300000000024	3000	2930	1100	950	610	160	1400	920
SBC30X000000000	3000	2930	1100	950	610	160	1400	920

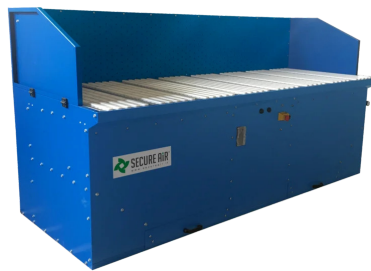
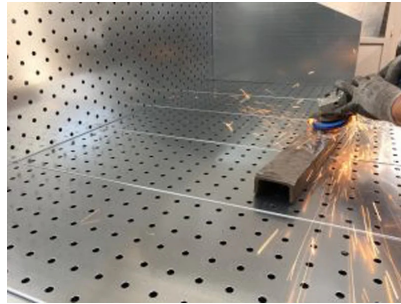


Technical Data

Code	Maximum load kg / m ²	Power kW	Nominal flow rate m ³ / h	Useful pressure Pa	Noise Db (A)	Filter surface area m ²	Filtering efficiency %	Power supply V	Power supply Hz	Cartridges num.
SBC100000000000	150	2.2	2000	600	73	20	> 99%	400	50	4
SBC100000000024	150	2.2	2500	600	73	20	> 99%	400	50	4
SBC10X0000000024	150	3	2500	600	73	20	> 99%	400	50	4
SBC150000000000	150	2.2	2700	600	73	32	> 99%	400	50	4
SBC150000000024	150	2.2	3300	600	73	32	> 99%	400	50	4
SBC15X0000000024	150	3	3300	600	73	32	> 99%	400	50	4
SBC200000000000	150	2.2	3300	600	73	40	> 99%	400	50	4
SBC200000000024	150	2.2	5000	600	78	40	> 99%	400	50	4
SBC20X0000000024	150	3	3300	600	73	40	> 99%	400	50	4
SBC300000000000	150	2.2	4800	600	74	64	> 99%	400	50	4
SBC300000000024	150	2.2	6500	600	78	64	> 99%	400	50	4
SBC30X0000000000	150	3	4800	600	73	64	> 99%	400	50	4



Photogallery



Accessories



Wheel kit for SB benches

KITRUOTESB00000

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



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 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.

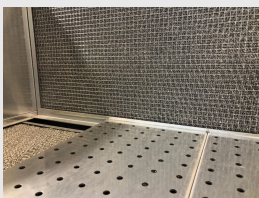
Suitable for suction benches model SBA, SBC, SBV, SBF



Pair of non-suction side bulkheads for SB benches

PLSB000000000000

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



Anti-sparking front wall for SBC benches

PARSB000000000000

Anti-rebound front wall for SBC benches, consisting of a suction metal mesh net placed on the front of the bench for operator protection from splinters and sparks from high-speed grinding.

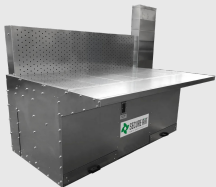




Side and top casing for SB benches

CSUSB0000000000

Lateral and upper dust containment box, compatible with all SB series suction 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.



Extra HEPA H13 cartridges for SBC10-15-20-30 benches

EXTSBCSCARHEPA0

Extra HEPA H13 cartridge kit for SBC10-15-20-30 benches.

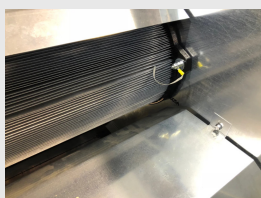


Spare parts



Polyester cartridge filter kit for SBC benches

Kit consisting of No. 2 to No. 4 original replacement polyester filter cartridges for SBC benches.



Antistatic polyester cartridge filter kit for SBCX benches

Kit consisting of No. 2 to No. 4 original replacement filter cartridges made of antistatic polyester for SBC benches.



Related products



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.



SBA suction bench for centralised systems

SBA000000000000

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



SBF suction bench with integrated filters

SBF000000000000

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.



FEB15 suction bench for post processing additive 3D

FEB150000000000

The **FEB suction bench** is to be used to vacuum dust generated during post-processing operations such as cleaning and blowing parts with compressed air, to prevent it from being breathed in by operators and polluting the work environment, as it is very volatile.

