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

SBC suction bench with fan and self-cleaning filters

Sectors Welding, Sanding, Grinding, Additive 3D printing, Powder blowing,

Applications Fix, Mobile

Issues Fumes, Powders

COD: SBC000000000000

The **SBC extraction bench** is available in 4 different sizes ranging from 1 to 3 meters. Designed to extract fumes and dust during professional operations that produce emissions that are hazardous to operators and the working environment due to their high volatility. This version is suitable for intensive use thanks to its **compressed air cleaning cartridge filters,** which guarantee maximum filtration efficiency at the end of the cycle and a long service life.

Insight

Available versions
SBC - with polyester filters, 99% effective
SBCX - with 99% effective antistatic polyester filters and ATEX motor
Professional operation with pneumatic cleaning filters
Cartridge filtration with pneumatic cleaning guarantees 99% filtration efficiency even in the most demanding applications.
The SBC extraction bench is ready to use, with no need to connect it to extraction systems, fans, or external filters, and no complex electrical connections required. The pneumatic connection includes a standard pressure gauge, located on the front of the bench near the operator panel. Thanks to a wide range of accessories, it can be customized to suit the specific production and environmental requirements of each company.
Main features of all SBC extraction benches:

- Sturdy structure composed of modular panels in thick press-formed galvanized sheet metal, bolted together without welding, for long-lasting durability.
- 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.
- The ventilation is switched on and off by an operator panel located on the front of the bench. The display shows the status of the filters and allows the cleaning parameters to be set.
- On one side of the bench there is a rectangular section for the discharge of filtered air. On request, a suction connection for connecting the bench to the centralized system or a curve for reintroduction into the environment.
- The suction support and work surface is made of a uniformly perforated reinforced structure, fixed to side posts outside the bench for optimal weight distribution.
- The suction front wall is made of high-quality galvanized sheet metal of adequate thickness (on request, the front can be made of anti-rebound metal mesh to cushion any grinding splinters).
- The two waste collection drawers are made of press-formed galvanized sheet metal and equipped with a practical handle for removal.
- The filter section of the bench consists of latest-generation polyester cartridge filters with 99% efficiency, equipped with pneumatic cleaning, suitable for the most demanding applications.
- Compressed air supply: the suction bench is equipped as standard with a pressure regulator with a 3/8" connection. A 3/8" male terminal is required for connection.

* Reinforced top for heavier loads available on request
Technical details on suction benches with integrated filters.

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

When equipped with wheels for easy movement and a silencer for air exhaust into the environment, it becomes a highly flexible tool in production, **completely independent** with no need to connect to a chimney for expulsion into the atmosphere.

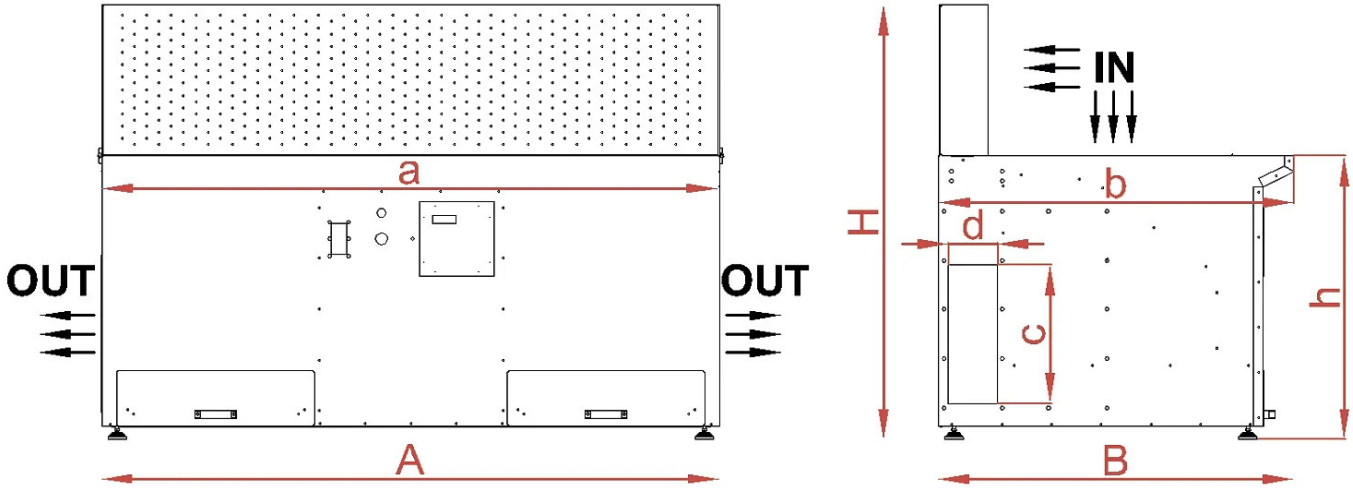
Operator panel positioned on the front of the suction bench

Example of grinding suction.
A series of internal deflectors and standard metal mesh panels protect the cartridges from sparks, drastically reducing the risk of fire.

MADE IN ITALY

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

Dimensions



Code	Drawer L	A mm	a mm	B mm	b mm	c mm	d mm	H mm	h mm	H1 mm
SBC100000000024	Front	1000	930	1100	950	450	160	1400	1000	2000
SBC10H000000000	Front	1000	930	1100	950	450	160	1400	1000	2000
SBC10X000000024	Front	1000	930	1100	950	450	160	1400	1000	2000
SBC150000000024	Front	1500	1430	1100	950	450	160	1400	1000	2000
SBC15H000000000	Front	1500	1430	1100	950	450	160	1400	1000	2000
SBC15X000000024	Front	1500	1430	1100	950	450	160	1400	1000	2000
SBC200000000024	Front	2000	1930	1100	950	610	500	1400	1000	2000
SBC20H000000000	Front	2000	1930	1100	950	610	500	1400	1000	2000
SBC20X000000024	Front	2000	1930	1100	950	610	500	1400	1000	2000
SBC300000000024	Front	2805	2740	1100	950	610	500	1400	1000	2000
SBC30H000000000	Front	2805	2740	1100	950	610	500	1400	1000	2000
SBC30X000000024	Front	2805	2740	1100	950	610	500	1400	1000	2000

MADE IN ITALY

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

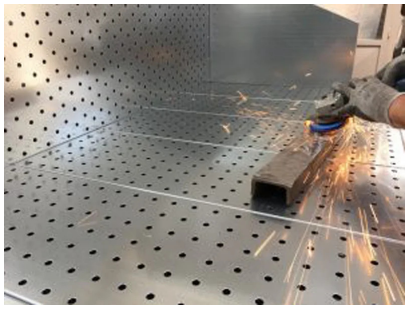
Technical Data

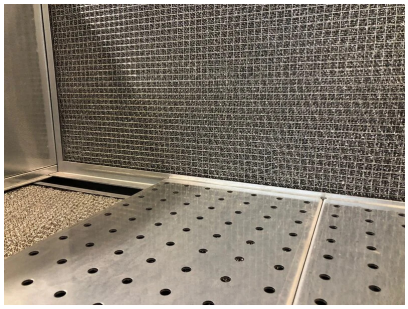
Code	Maximum load kg / m2	Power kW	Nominal flow rate m3 / h	Useful pressure Pa	Liv son Db (A)	Sup filter m2	Filter effect %	Power supply V	Power supply Hz	Cartridges num.
SBC100000000024	150	1.1	2500	600	73	20	> 99%	400	50	2
SBC10H000000000	150	1.1	2500	600	73	20	> 99%	400	50	2
SBC10X000000024	150	1.1	2500	600	73	20	> 99%	400	50	2
SBC150000000024	150	1.5	3300	600	73	32	> 99%	400	50	2
SBC15H000000000	150	1.5	3300	600	73	32	> 99%	400	50	2
SBC15X000000024	150	1.5	3300	600	73	32	> 99%	400	50	2
SBC200000000024	150	3	5000	600	78	40	> 99%	400	50	4
SBC20H000000000	150	3	5000	600	78	40	> 99%	400	50	4
SBC20X000000024	150	2.2	5000	600	73	40	> 99%	400	50	4
SBC300000000024	150	3	6500	600	78	64	> 99%	400	50	4
SBC30H000000000	150	3	6500	600	78	64	> 99%	400	50	4
SBC30X000000024	150	3	6500	600	73	64	> 99%	400	50	4

MADE IN ITALY

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

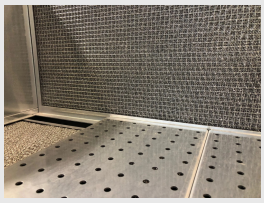
Photogallery





MADE IN ITALY

Related accessories



Anti-sparking front wall for SBC benches

PARSB0000000000

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.

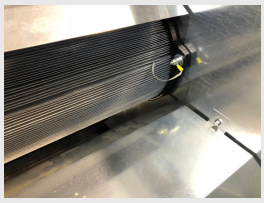
MADE IN ITALY

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

Related 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.

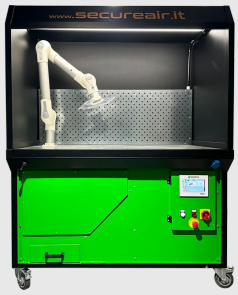


Anti-static polyester cartridge filter kit for SBCX benches

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

MADE IN ITALY

Related Products



FEB15 suction bench for 3D additive post-processing

FEB150000000000

The **FEB vacuum 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.

MADE IN ITALY