



UNIQUE ADVANTAGES

- Compact / extendable.
- Mobile.
- **Increase productivity.**

WORKING PROCESS

- Welding.
- Grinding.
- Sandblasting.
- Sanding.
- Cutting.
- Painting.
- Stuck weld.
- Resin application.

Boxa is an innovative and patented system for environmental protection thanks to his characteristics allows an operator protection, the respect of most recent and restrictive regulations and the energy savings for reduced airflow used rated.

The system is composed of two essential elements:

1. A suction wall system with extendable configuration , compact dimensions positioned on one side of working area and composed of a modular structure that contains filters, ventilation units and control panel for ON/OFF system.
2. The structure is made of galvanized steel arches, linked by pantograph bars, sliding PVC wheels and lined with specific canevas. The essential characteristic of this structure is the possibility to be retractable in only 1.5 m length and extended according to specific clients requests.



AVAILABLE VERSIONS

BOXA V : for coating, rolling, etc.

BOXA D : or dust suction.

BOXA W : for welding fumes.

BOXA X : combined execution for dust and coating.

ON REQUEST

- Customised structure according to working process, dimensions of worked materials.
- On floor guides and windproof.
- Silicone cover and fireproof.

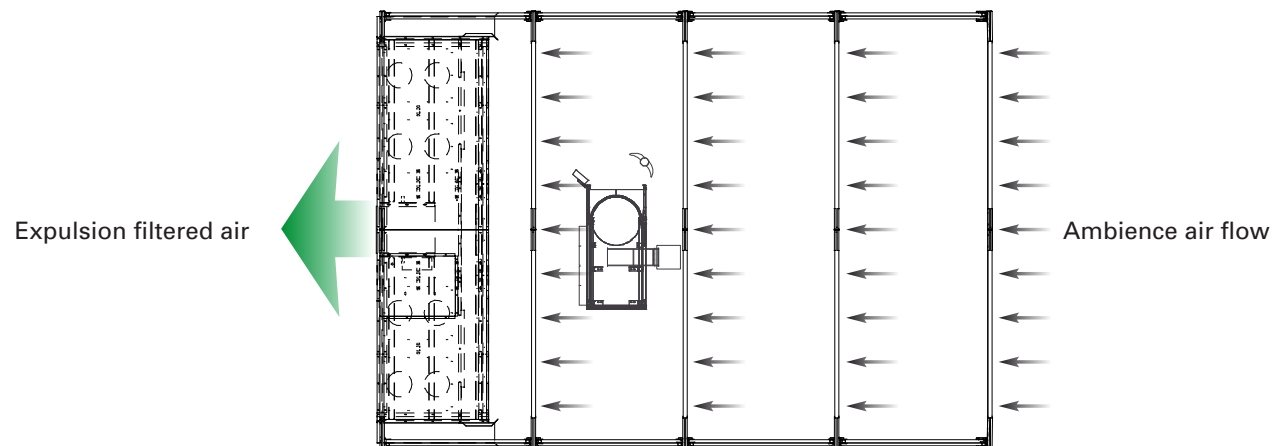
SUCTION-EXPANDABLE FILTER SYSTEM



INSTALLATION AND OPERATION

Positioning. BOXA when is compacted can be easily moved by using a simple forklift and then completely opened and mounted into desired position, connecting the air expulsion to a extractor fan, and by making all electrical connections.

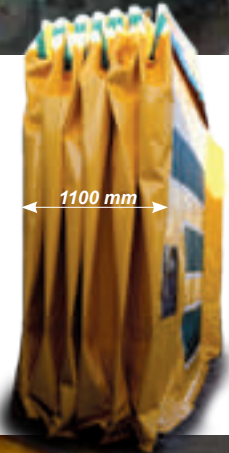
Functioning. Thanks to the ventilation unit a clean airflow from outside is injected into the BOXA that creates in this way an “washing” effect to remove constantly the pollutants following work process, ensuring a complete protection for the operator from fumes, gas, odours and dust.





ADVANTAGES

- **Energy savings.** Compared to traditional extraction systems BOXA is a guarantee of high energy savings thanks to his containment principle that allows reduced airflow extraction rates.
- **Total protection.** The special canevas in use , available in different colors, guarantee a noise , light containment inside the working space during the process.
- **Facilitated handling.** The retractable position facilitates the materials/pieces positioning to be worked with forklifts, or overhead crane. Once positioned can be extended creating a compartmentalized working area, filtrated and aspirated.



SUCTION-EXPANDABLE FILTER SYSTEM



TECHNICAL DATA		OPTIONALS
Power	kW	5,5
Filtration (vers. V)	Carton+ Paint stop or polyester + activated carbon	
Filtration (vers. D-W)	Metal mesh prefilter + rigid pocket bag filters eff.	
Flow rate	m³/h	8.000 (V D W) - 10.000 (X)

- Worm air generator.
- Cooler.
- Irradiant lamp.
- Infrared Dryer.
- Counter.
- Lighting Package.
- Spark proof impeller.
- Flameproof motor.

BOXA	DIMENSIONS		
	Length (mm) A	Width (mm) B	Height (mm) H
Closing dimensions	1100	4500	3000
Open dimensions	6000	4500	3000
Useful work space	5000	4000	2600

