

APPLICATIONS

The suction bench complete with filtration system is normally utilised for the suction and removal of fumes and dust of small particle size and low concentrations from processes such as: welding, finishing, polishing in the mechanical engineering industry; it can also be used, with the required adjustments, in the processing of marble or in the chemicals industry.

The dimensions of the bench, the suction work surface, and the removable side walls, are sized in order to allow adequate and fast capture of pollutants, thus safeguarding the operator from possible inhalation and protecting the work area to avoid the dispersal of pollutants in the workplace.

The structure in heavy gauge welded and painted sheet steel allows intensive use and flexibility also in occasional work processes of manual plasma cutting.



TECHNICAL FEATURES

The suction bench is composed as follows:

- Loading structure in suitable gauge painted sheet steel.
- Rugged diaphragm suction surface, replaceable by means of specific guides in accordance with the work to be performed.
- Front and side suction walls, extractable by means of specific hinge fasteners.
- Internal mechanical prefilter section composed of steel mesh filter and high efficiency synthetic bag filter featuring an large filter surface area; high accumulation capacity is assured for small particle size dust deriving from the production processes.
- Lower sealed dust collection drawers.

AVAILABLE ACCESSORIES

- Suction system made up of inverted flat blade extractor with adequate soundproofing in an insulated enclosure with possible connection on right or left of bench (mod. BAFX).
- Electrical protection panel for fan motor starting and thermal-magnetic protection.
- Plenum for connection of IBS series suction arm .

SUCTION BENCHES WITH FILTER SECTION



TECHNICAL FEATURES							
MOD.	LENGTH	SUCTION CAPACITY	PRESSURE DROP	OUTLET DIAMETER	FILTRATION PRE-FILTER EFFICIENCY	DIMENSIONS	TOT. WEIGHT
	mm	mc / h	Pa	Ø mm	% ²	mm	Kg
10	1000	4000	500	550	F5	1000 x 1080 x 900	90
15	1500	6000				1500 x 1080 x 900	110
20	2000	8000				2000 x 1080 x 900	130
30	3000	12000				3000 x 1080 x 900	180

The quoted performance data were measured using suitable instruments in our laboratories.

- The airflow capacities were measured in the normal situations of utilisation and taking account of the parameters prescribed by current regulations and best technical practice.

DIMENSIONS TABLE																
MOD.	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	1000	900	1080	880	277	530	93	54	690	144	550	350	300	780	300	875
15	1500	900	1080	880	277	530	93	54	890	144	550	350	300	780	300	875
20	2000	900	1080	880	277	530	93	54	1200	144	550	350	300	780	300	875
30	3000	900	1080	880	277	530	93	54	1800	144	550	350	300	780	300	875

DIMENSIONS

