



APPLICATIONS

Used for suction of fumes and spoilt work dust, welding fumes, smoothing; wood, metal, marble, plastic, aluminum grinding and also all that activities where is necessary to create a safety work place for the operator and border the dust emission zone.

Our suction benches are designed into a versatility range of sizes and accessories to satisfy requests of suction use, filtration and welding or grinding fumes particles recovery, deburring, polishing of components and items with limited weights and measures, in addition to small manual thermal cutting operations.

The suction surface is realized in galvanized steel shooK entirely removable, can be modified and personalized based on specific working process in industrial sector but also in little handicraft laboratories, welding or sheet metal working training structures(professional schools).

TECHNICAL FEATURES

The suction bench BA is essentially composed of:

- Loading structure in painted sheet steel of suitable gauge, with provision for handling by pallet truck, forklift and/ or anchoring to floor; the sides of the frame are equipped as standard with components that allow the interchangeability (right or left with respect to the work surface) of the SUCTION fan or ducts connection.
- Rugged standardised suction surface, modifiable depending on the work to be performed, by means of specific guides that make it possible to increase or decrease the width of the suction slits.
- Removable front suction wall, openable side walls by means of hinges; the side walls are also removable.
- Internal mechanical prefiltration section composed of a cylindrical spark-trap steel mesh filter.
- Sealed dust collection drawers.

AVAILABLE ACCESSORIES

- Suction wall realized in painted galvanized steel sheet.
- Non-suction wall to divide working places in schools and training centers, realized in painted sheet steel and incorporating a sheet of LANSPLACK R9 to protect from the UV radiation.
- Fixing system to work surface for installation of a vice.
- 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. BAX).
- Electrical protection panel for fan motor starting and thermal-magnetic protection.
- Plenum for connection of IBS series suction arm alongside.

SUCTION BENCHES



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	2000	300	400	75 G2	1000 x 700 x 840	80
15	1500	3000				1500 x 700 x 840	100
20	2000	3500				2000 x 700 x 840	120

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
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	1000	1342	100	740	502	210	498	550	700	650
15	1500	1342	100	740	502	210	498	550	700	650
20	2000	1342	100	740	502	210	498	550	700	650

