

Technical data sheet

DOWN-DRAUGHT BENCHES

BA

Down-draught benches



APPLICATIONS



INDUSTRY



MIG MAG



MIG MAG
PULSATO



MMA SALDATRICI
AD ELETTRODO



MOLATURA

Extraction of welding fumes and particulate, sanding, grinding, iron, marble, plastic and all activities where there is a need to create a safe workplace for the operator and limit the area affected by particulate emissions.

FEATURES

The down-draught benches were designed in a range of sizes and accessories. This makes them exceptionally versatile for use in the extraction and filtration of air, the recovery of particulate in welding fumes and dust from grinding, deburring and polishing of components and items of a contained size and weight, as well as minor procedures of manual torch cutting.

Particularly suitable for welding schools and professional technical institutes.

- Painted steel load bearing structure of a suitable thickness, pre-configured for handling by means of a pallet jack, lift truck and/or securing to the floor. The sides of the structure are supplied with standard parts allowing the connection to the extraction fan or hose on both the right and left hand sides of the work surface.
- Sturdy consolidated extraction surface is modifiable, depending on the work to be carried out, by means of fitted guides which allow the ventilation slots to be increased or decreased.
- Removable front extractor fan panel, with removable side panels which can be opened by means of fitted hinges.
- Internal mechanical pre-filter section consisting of an anti-spark, cylindrical steel mesh filter.
- Sealed particulate containment drawers.

CERTIFICATIONS



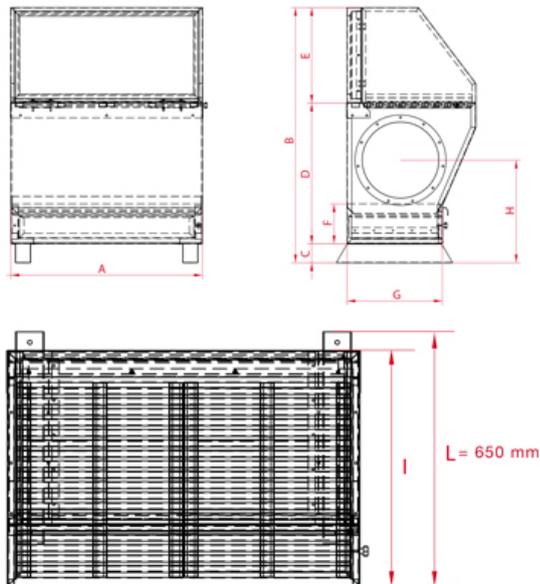
TECHNICAL DATA

The performance data was measured using the appropriate instruments in our laboratories.

- Air flow and loss of pressure are detected in situations of normal use and in consideration of the parameters required by current legislation and the available technology.

MOD.	LENGTH	AIR EXTRACTION CAPACITY	HEAD LOSS	OUTPUT DIAMETER	PRE-FILTRATION EFFICIENCY	DIMENSIONS	TOTAL 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	300	400	75 G2	1500 x 700 x 840	100
20	2000	3500	300	400	75 G2	2000 x 700 x 840	120

DIMENSIONS



MOD.	A	B	C	D	E	F	G	H	I
	mm	mm	mm	mm	mm	mm	mm	mm	mm
10	1000	1342	100	740	502	210	498	550	700
15	1500	1342	100	740	502	210	498	550	700
20	2000	1342	100	740	502	210	498	550	700



SPARE PARTS

WORK SURFACE



Universal work surface for down-draught bench in galvanised sheet metal, with the option of extending the filter section by removing the affixed slots.

Work surface 10 2 surfaces

Work surface 15 3 surfaces

Work surface 20 4 surfaces

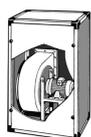
PRE-FILTER



Cylindrical metal filter for removal of larger granular impurities and to prevent any larger dimension shavings or other slag reaching the impeller of the extraction fan and which would cause irreversible damage.

ACCESSORIES

ENCLOSED EXTRACTION FAN



Backward flat bladed extraction system, suitably sound-proofed in a soundproof box with connection to the left or right side of the bench.

The unit may be supplied with a single phase 230V 50-60 Hz power supply.

MOD. BAX	EXTRACTI ON FAN	POWER	MAX. EXTR ACTION FAN POWER CAPACITY	MOTOR RPM	VOLTAGE	EXTRACTI ON CAPACITY	RESIDUAL PRESSURE	TOTAL WEIGHT
	MOD. RP	KW	m ³ /h	RPM	VOLT	m ³ /h	Pa	Kg
10	280	1,1	3850	2840	230/400/50	2000	650	141
15	310	2,2	5400	2840	230/400/50	3000	900	192
20	310	2,2	5400	2840	230/400/50	3500	1380	212

IBSC ARTICULATED ARM



IBSC Ø= 125 / 160 / 200 mm

PLENUM FOR EXTRACTION ARM



Plenum for connecting the extraction arm to the side of the BA bench, in painted steel sheet, with the option of interchanging the surface



CLAMP KIT



System for securing to the surface for clamp installation, in painted steel grey RAL 7032. Both the fastening point of the kit and the clamp to be installed are adjustable. Holes are anticipated for 110 clamps.

FRONT EXTRACTION PANEL



Extraction panel created in steel sheet metal painted in grey RAL 7032 with slots.
- Extractor fan panel 1000 / 1500 / 2000

FRONT PANEL FOR TRAINING



Non-extraction panel created with steel sheet metal rim painted in grey RAL 7042 and including a sheet of LANSPLACK R9 to protect against UV rays generated during welding. The material is 3 mm thick with extremely high mechanical resistance and shatter-proof.
- Training panel 1000 / 1500 / 2000

ELECTRICAL PROTECTION PANELS FOR EXTRACTION FANS



Electrical panel for extraction fan start-up and circuit-breaker protection for extraction fans

QR CODE

