



MAIN APPLICATION: the new "POLIVAL" filter benches can be used for a wide range of application in welding, trimming, grinding and lapping operations in the wood, marble, foundry and metal industries. The careful design of noxious fumes and dust as they generated, thus preventing them from being breathed in by the operator, causing irreparable damage. POLIVAL filter benches are particularly recommended for air recycling in the work environment.

ENERGY SAVING: POLIVAL benches are fitted with filter bags made from special tufted felt which allow filter yields of over 99% to be achieved. This means that filtered air can be recycled through the work premises with a considerable energy saving, especially during the winter.

MAXIMUM ASPIRATION: although strong, POLIVAL's aspiration rate does not influence welding operation and does not create draughts since air suction is uniform.

ROBUST PANELLED WEIGHT-BEARING STRUCTURE: Made from galvanized steel plates, the POLIVAL bench is extremely robust by virtue of its particular shape, and is able to withstand static loads of nearly 350 kg for sqm. approx.

REMOVABLE WORK SURFACE AND WALLS: The work surface and front and side walls form part of the suction surface and can be removed in order to allow internal inspection if necessary or enable the support of large size items. In addition to increasing the suction effect, the walls also act as a shield to protect the environment from ultraviolet rays and the leakage of slag, sparks, etc.

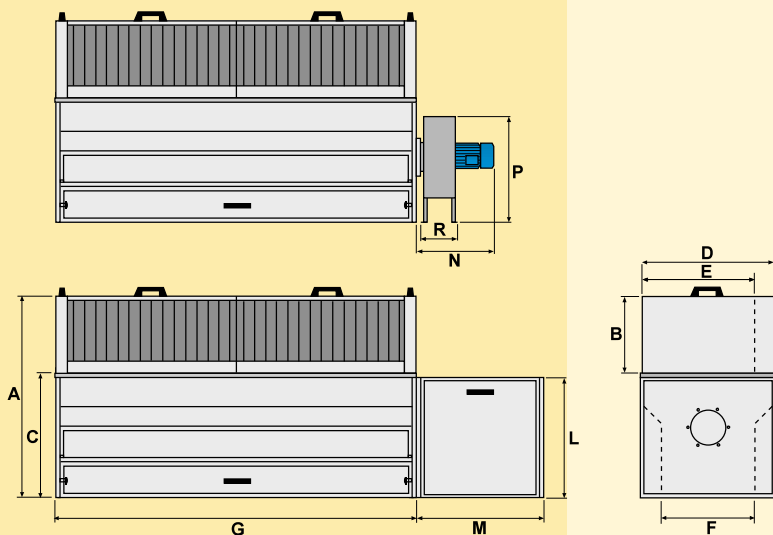
COLLECTING TRAYS: Slang and heavy dust from machining operations are deposited within the bench and can be easily removed using the wide collecting trays placed in the lower part of the bench itself.

FILTER CLEANING: POLIVAL benches include an efficient manual shaker as part of the standard fittings for the regular cleaning of the filter bags.

ACCESSORIES: Galvanised ducts to recycle filtered air into environment (see illustrated leaflet). "AFON" model silencers, "CARBO" model odour filters with activated charcoal and "CLEAN" model filter bags for very fine dusts, "TRIS" tetragonal plenum composed of 3 reusable filter wire mesh baskets for the steady admission of air into the work environment. Shaker with pneumatic vibrator for cleaning filters. Filter unit in special tufted felt for a more thorough purification of the air to be recycled through the work premises. For centralised aspiration units, POLIVAL benches are supplied without fans. In addition to our standard models we are able to build benches of any size, lift and load. For special applications, we will supply a surface covered with refractory material on request. The POLIVAL model PR electronventilator, which is fixed onto the side of the bench, can be supplied in a boxed and also soundproofed version on request.



Polival mt 2 with pneumatic shaker, unbodied fan



	MOTORE-MOTOR-MOTEUR-MOTOR-MOTOR		
Modello	Potenza	g/min.	Tensione
Modele	Puissance	t/min.	Voltage
Model	Power	RPM	Voltage
Typ	Leistung	d/min. 1	Spannung
Modelo	Potencia	Vueltas	Tension
	HP/KW		(V) 50Hz
POLIVAL 2	5,5/4	2800	400/690

Modello Modele Model Typ Modelo	Portata Debit Delivery Luftmenge Caudal	Pressione totale Pressione total Total pression Gesamtdruck Presion total	Livello sonoro Niveau sonore Average sound level Schall-niveau Nivel sonoro	Bocca di mandata Bouche aspirant Intake opening Ansaug-öffnung Boca aspirante	Dimensioni - Dimensions Dimensions - Abmessungen - Dimensiones												
					A	B	C	D	E	F	G	L	M	N	P	R	
POLIVAL 2	5000/2941	60	78	240X240	1395	584	840	1000	875	700	2220	800	860	625	915	280	