



M450 PSR - INDUSTRIAL THREE PHASE



CEMENT



BUILDING AND CONSTRUCTION



SAND BLASTING



SURFACE PREPARATION



- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Three powerful by pass motors with independent cooling
- ✓ Compact and mobile
- ✓ Full customization for specific needs
- ✓ Disposable bags for hazardous dusts safe disposal
- ✓ Easy to clean and to maintain
- ✓ Adjustable height to facilitate transport on vehicles
- ✓ Easy to handle



SUCTION UNIT

Voltage	V - Hz	230 - 50 1-
Power	kW	3,45
Max water lift	mmH ₂ O	2500
Max air flow	m ³ /h	540
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	30.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - M PTFE
Cleaning system		Manual



COLLECTION UNIT

Discharge system

Cyclone unit



VOLUME

Dimensions	cm	130x85x144 / 173h
Weight	kg	105



SUCTION UNIT

The suction is provided by three by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy steel casing, filled with soundproofing material.



FILTER UNIT

The large surface star filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

The vacuumed material is discharged inside a 20 mt Endless Bag ; when the extremity of the bag is full, the operator can seal and dispose that part of the bag in total security, without coming in contact with dusts and spreading them in the environment



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M