



## M 450 LP - INDUSTRIAL SINGLE PHASE



CEMENT



SURFACE PREPARATION



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



### SUCTION UNIT

|                           |        |          |
|---------------------------|--------|----------|
| Voltage                   | V - Hz | 230 - 50 |
| Power                     | kW     | 3,45     |
| Max waterlift             | mmH2O  | 2.500    |
| Max air flow              | m³/h   | 540      |
| Suction inlet             | mm     | 80       |
| Noise level (EN ISO 3744) | dB(A)  | 76       |



### FILTER UNIT

|                       |                |                   |
|-----------------------|----------------|-------------------|
| Filter Type           |                | Star              |
| Surface - Diameter    | cm²-mm         | 30.000 - 500      |
| Material - Efficiency | IEC 60335-2-69 | Polyester - ANT M |
| Air load on filter    | m³/m²/h        | 180               |
| Cleaning system       |                | Manual            |



### COLLECTION UNIT

|                  |              |
|------------------|--------------|
| Discharge system | Longopac bag |
|------------------|--------------|



### VOLUME

|            |    |            |
|------------|----|------------|
| Dimensions | cm | 80x66x155h |
| Weight     | kg | 70         |



## 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 Longopac 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
- ✓ PTFE COATED FILTER CLASS M