



## M450 S LP (Longopac)

Industrial vacuum cleaner for dust, solid and liquid material

### 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. The motor head is filled with noise reducing material, in order to limit as much as possible the level of noise, and designed in order to convey the exhaust air towards the ground, so as not to bother the user and not to raise possible dust in the neighbouring area. The control board includes the three independent switches and a vacuum indicator, useful to detect possible clogging of the filter. Two handles placed on the sides enable an easy lifting and removal of the motor head, for possible inspection or replacement of the underlying filter.

### Filter unit

The filter is placed and protected inside the steel filter chamber; the filter is made of polyester, tailored with pockets in order to increase the filter surface (20.000 cm<sup>2</sup>), and has a high filtration efficiency (3 micron). A manual filter shaker enables the user to clean the filter efficiently, by a vertical shaking movement, so as to detach most of the dust and maintain the filter clean, in order to increase its life and maintain the suction performance of the machine. The frontal aluminium die-cast suction inlet (Ø80 mm. diameter), placed below the filter, makes it possible to vacuum at the same time dust, solid and liquid material (the latter only within the capacity of the container), with no need to change or take out the filter.

### Collection unit

The vacuumed material is placed inside a Longopac continuous discharge bag (20 mt. capacity), which makes it possible to dispose easily and safely of the sucked material, possibly collecting it directly into a disposable bag. The vacuum is mounted on a sturdy steel chassis with two pivoting wheels, one of which with brakes; all steel parts of the vacuum are epoxy painted.

## Technical data sheet

<b>MODEL – M450 S</b>		
<b>Voltage</b>	Volt HZ	230 (110) 50/60
<b>Single phase motors</b>	N.	3
<b>Power</b>	KW	3,45
<b>Vacuum rate*</b>	mm.H2O	2.500
<b>Air flow**</b>	M3/h	540
<b>Filter material</b>		Star Polyester
<b>Filter surface (pocket filter)</b>	Cm2	20.000
<b>Filter efficiency</b>	CAT (BIA) / micron	L >3
<b>Airload on filter</b>	M3/M2/h	270
<b>Capacity</b>	Longopac mt.	20
<b>Suction inlet</b>	∅	80
<b>Noise level</b>	dB(A)	75
<b>Dimensions</b>	cm.	58 x 60
<b>Height</b>	cm.	135
<b>Weight</b>	Kg.	65

\* Measured with fully closed suction inlet

\*\* Measured with fully open suction inlet