

S200

Vacuum Separator



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 neighboring area. The control board includes the three independent switches and a vacuum indicator with warning light, 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 stars in order to increase the filter surface (12.000 cm²), and has a high filtration efficiency (3 micron). The frontal metal suction inlet, 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 large container mounted on wheels (200 lt. of capacity), which makes it possible to dispose easily and safely of the sucked material thanks to the front discharge.

The vacuum is mounted on a sturdy steel chassis with two pivoting wheels, one of which with brakes, and with forklift intakes. All the metal parts of the vacuum are epoxy painted.

| MODEL - 200M | | |
|-------------------------------------|--------------------|---------------|
| Voltage | V Hz | 230 50 |
| By-pass motors | N | 3 x 1000 |
| Power | kW HP | 2400 |
| Max. Vacuum rate | mmH2O | 600 |
| Max. Air flow rate | m3/h | 12.000 |
| Filter surface (star filter) | cm2 | L > 3 |
| Filter efficiency | CAT (BIA) / micron | 90 |
| Bin collection capacity | lt | 90 |
| Suction inlet | ∅ | 77 |
| Noise level | dB(A) | 93 x 81 x 124 |
| Dimensions | cm | 230 50 |
| Height | cm | 3 x 1000 |