

Mod. MISTRAL 202 DS

INDUSTRIAL VACUUM CLEANER FOR DUST AND SOLID MATERIAL



MODEL		MTL202 DS
Voltage	Volt HZ	230 (110) 50-60
By-pass motors	N.	2 (single phase)
Power	KW HP	2,3 3
Max. Vacuum rate*	mm.H ₂ O	2.300
Max. Air flow rate**	M ³ /h	360
Filter type		Cartridge
Filter surface (pocket filter)	Cm ²	30.000
Filter efficiency	CAT (BIA) / micron	M 1
Air load on filter	M ³ /M ² /h	120
Capacity	Lt.	20
Suction inlet	Ø	60-40
Noise level	dB(A)	74
Dimensions	cm.	50 x 56
Height	cm.	100
Weight	Kg.	31

* Measured with fully closed suction inlet

** Measured with fully open suction inlet

Suction unit

The suction is provided by **two by-pass motors**, using carbon brushes, operated by independent switches and placed inside a sturdy and noise reducing plastic 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 **two independent switches and a power supply light**.

Filter unit

The filter is placed and protected inside the steel filter chamber; the **filter is a high surface cartridge** with high **filter surface (30.000 cm²)**, and has a **high filtration efficiency (1 micron)**. A **manual filter shaker** enables the user to **clean the filter efficiently**, 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 **suction inlet (Ø60 mm. diameter with hose connectors down to 50 / 38 / 32 mm.)**, placed below the filter, makes it **possible to vacuum at the same time dust and solid material**, with optional suction directly into disposable bags,

Collection unit

The vacuumed material is placed inside a **drop-down bin mounted on wheels (20 litres capacity)**, operated by a **user friendly handle**, 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**.



Options*

Application	Code	Description
Fine dust subject to accumulate static electricity	ANT/C	Antistatic pocket filter, 1 micron efficiency
TOXIC / Very fine dust	A	Absolute filter (BIA certified) class H, with Efficiency 99,995% particle size 0,18 µm standard EN 1822
Corrosive dust and material	X	Stainless steel container AISI304
Corrosive dust and material	XX	Stainless steel container and filter chamber AISI304
Dust and material subject to accumulate static electricity	MT	Electrical grounding of metal parts