



## MISTRAL 301 DS - INDUSTRIAL SINGLE-PHASE



OEM ORIGINAL EQUIPMENT MANUFACTURERS



CERAMICS AND POTTERY INDUSTRIES



CHEMICAL-PHARMACEUTICAL



- ✓ Complete steel construction
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ High filtration efficiency
- ✓ Possibility to recover dust with power tools thanks to the automatic start/stop option
- ✓ Easy to handle
- ✓ Dustop filter cleaning system
- ✓ Electric socket for power tools connection

### SUCTION UNIT

Voltage	V - Hz	115 - 60 1~
Power	HP (kW) - Amps	1.3 (1) - 8.7
Max water lift	inH2O (mmH2O)	90.1 (2289)
Max air flow	CFM (m3/h)	105.9 (180)
Suction inlet	in (mm)	2 (50)
Noise level (EN ISO 3744)	dB(A)	74

### FILTER UNIT

Filter Type	Cartridge	
Surface - Diameter	ft <sup>2</sup> (m <sup>2</sup> )	6 (0.6), 360
Material - Efficiency	IEC 60335-2-69	Polyester - PTFE M
Air load on filter	ft/min (m/hr)	16.4 (300)
Cleaning system	Dustop	

### COLLECTION UNIT

Discharge system	Roll-out container	
Capacity	gal (L)	3.4 (13)

### SIZE

Dimensions	in (cm) WxLxH	18x19x33 (46x48x85)
Weight	lb (kg)	55 (25)



## SUCTION UNIT

The suction is a carbon brush by-pass motor which is activated by an independent switch placed inside a robust metal motor head. The motor head is soundproofed by sound-absorbent material.



## FILTER UNIT

The PTFE polyester cartridge filter placed inside the filter chamber guarantees a large filter surface and prevents the clogging of the filter. It is possible to clean the filter by using the Dustop, an integrated reverse pulse system; by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.

The suction inlet is tangential and the cyclone is entirely welded, consequently slowing the sucked chips and protecting filters.



## COLLECTION UNIT

The vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal



## OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ ANTISTATIC FILTER CLASS M
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ ELECTRIC CONTROL
- ✓ GROUNDING
- ✓ DUSTBAG (1 X FI.0469.0000)