



## MTL 4535 - INDUSTRIAL THREE PHASE



ELECTRONICS



PACKAGING



COFFEE , TEA, TOBACCO PROCESSING



TEXTILE



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ Reduced downtime of machine tools
- ✓ High filtration efficiency
- ✓ Accessory kit as standard
- ✓ Pressure relief valve for motor protection



### SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	4
Electrical protection	IP	55
Max water lift	mmH <sub>2</sub> O	3.200/2.600
Max water lift	mmH <sub>2</sub> O	3.200/2.600
Max air flow	m <sup>3</sup> /h	420
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	69



### FILTER UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	20.000 - 420
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	210
Cleaning system		Manual



### COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt	45



### VOLUME

Dimensions	cm	100x55x125h
Weight	kg	90



## SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.



## FILTER UNIT

The large surface star antistatic 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 detachable steel collection tank has a quick release system for the rapid disposal of the sucked material.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ EARTH GROUNDING
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ REMOTE CONTROL
- ✓ INTERNAL POLISHING FOR FILTER CHAMBER AND TANK