



## MTL 4534 - 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                | 3          |
| Electrical protection     | IP                | 55         |
| Max waterlift             | mmH2O             | 3.200/2700 |
| Max air flow              | m <sup>3</sup> /h | 350        |
| 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 | 159               |
| Cleaning system       |                                   | Manual            |



### COLLECTION UNIT

|                  |     |                    |
|------------------|-----|--------------------|
| Discharge system |     | Roll-out container |
| Capacity         | lt. | 45                 |



### VOLUME

|            |    |             |
|------------|----|-------------|
| Dimensions | cm | 100x55x125h |
| Weight     | kg | 85          |



## SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It 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
- ✓ 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
- ✓ REMOTE CONTROL
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ INTERNAL POLISHING FOR FILTER CHAMBER AND TANK