

CENTRAL VACUUM SYSTEMS

# HF 300

## THREE-PHASE INDUSTRIAL VACUUM CLEANER WITH FIXED STRUCTURE



Guarda il video!



POTENZA  
3 kW - 4 HP



APPLICAZIONE  
Powders, solids and  
shavings



TIPO DI RACCOLTA  
Localized discharge

## VANTAGGI

- Powerful side channel blower
- Ideal for machine-applied solutions
- Convenient manual filter shaker
- Multiple construction and material discharge options available

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free operation. A metal silencer is included as standard in the turbine to ensure a low noise level.



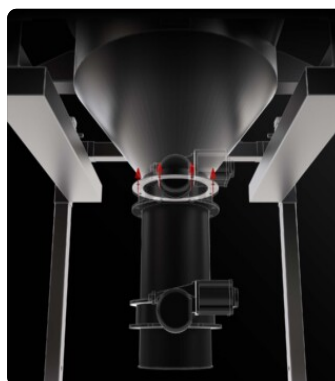
### FILTER UNIT

The tangential inlet facilitates the cyclonic effect to deposit the collected material in the container. Filtration is ensured by a polyester star filter in class M (filtering efficiency 1 micron) with high filtering surface area, which guarantees air passage even with a dirty filter.



### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



### CUSTOM EXHAUST SYSTEM

A specific discharge system, intermittent or continuous, can be installed depending on operational needs.

## TECHNICAL DATA

### MOTORE

|                        |                     |
|------------------------|---------------------|
| Tipologie              | Side channel blower |
| Potenza                | 3 kW - 4 HP         |
| Frequenza              | 50/60 Hz            |
| Voltaggio              | 400 V               |
| Vuoto in continuo      | 270 mBar            |
| Massima portata d'aria | 350 m3/h            |
| Livello di rumorosità  | 74 dB(A)            |

### MACCHINA

|                      |                       |
|----------------------|-----------------------|
| Bocca aspirante      | 80 Ø mm               |
| Sistema di raccolta  | Conveyed discharge    |
| Diametro scarico     | 150 Ø mm              |
| Dimensioni           | 1370 x 680 mm         |
| Altezza              | 1952 mm               |
| Peso                 | 150 Kg                |
| Valvola di sicurezza | Pressure relief valve |

### FILTRAZIONE

|                                  |           |
|----------------------------------|-----------|
| Tipologia filtro primario        | Star      |
| Superficie filtrante             | 24000 cm2 |
| Classe filtrazione EN 60335-2-69 | M         |
| Media                            | Polyester |
| Sistema Pulizia filtro           | Manual    |

## DOTAZIONI



### ELECTRICAL PANEL

Electrical panel, implementable with additional functions



### PLUG

4-pole industrial plug



### VACUUM GAUGE

Vacuum gauge for indication of filter clogged or in need of replacement



### POWER SUPPLY CABLE



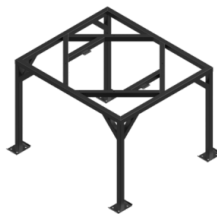
### STEEL CONSTRUCTION

Rugged industrial coated steel construction



### CYCLONIC EFFECT

Tangential inlet and cyclone installed



### STR

Four legs to discharge in big bag



### PRV

Pressure relief valve installed

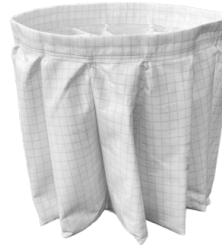
**OPTIONS**
**AVAILABLE FILTER MEDIA**

**HEPA 14**

Absolute filter (EN 1822)  
 22.000 cm² filter surface  
 H14 Class Filter (EN 1822)  
 Glass fiber


**PTFE ANT**

Antistatic PTFE filter (M class EN 60335-2-69)


**ANT M**

Antistatic filter (M class EN 60335-2-69)


**NOMEX**

250° Celsius resistant filter


**MTF**

Teflon filter (M class EN 60335-2-69)


**PTFE**

PTFE Filter (M class EN 60335-2-69)

**AVAILABLE FILTER CLEANING SYSTEMS**

**SP**

Automatic reverse jet cleaning system  
 Antistatic M class filter (EN 60335-2-69), 3  
 Polyester filter cartridges, 9 m² filter surface


**PSC**

Semiautomatic pneumatic filter shaker

## STRUCTURE AND OPTIONS

**60<sup>Hz</sup>**

### 60HZ

Available in 60Hz version



### 3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



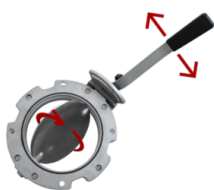
### RC

Remote control 24V ON/OFF



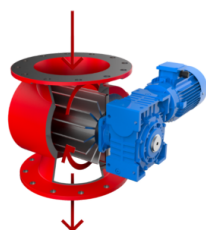
### DISCHARGE WITH COUNTERBALANCED FLAP

The material is automatically discharged every time suction is stopped.



### DISCHARGE WITH BUTTERFLY VALVE

Manual intermittent discharging system with butterfly valve  
Manual discharging butterfly valve



### ROTARY VALVE FOR CONTINUOUS DISCHARGE

The valve rotates continuously allowing a constant and uniform discharge of the aspirated material.  
Rotary valve for continuous hopper discharge



### ROTARY LEVEL SENSOR

Sensor with rotating paddle that sends a signal when the container is full to immediately stop suction

## ACCESSORIES



### P13638

#### STARTER KIT Ø 40MM

Basic kit containing specific accessories for 40 mm diameter solids and liquids vacuuming



### P12350

#### STARTER KIT Ø 50MM

Basic kit containing specific accessories for 50 mm diameter solids and liquids vacuuming



### P13640

#### DRY KIT Ø 40MM

Kit containing specific accessories for 40 mm diameter dust and solids vacuuming



### P12348

#### DRY KIT Ø 50MM

Kit containing specific accessories for 50 mm diameter dust and solids vacuuming