

ATEX AND ACD VACUUM CLEANERS

# CVS 185 3D

## ATEX CERTIFIED SUCTION UNIT FOR CENTRALIZED SYSTEMS



**POTENZA**  
18,5 kW - 25 HP

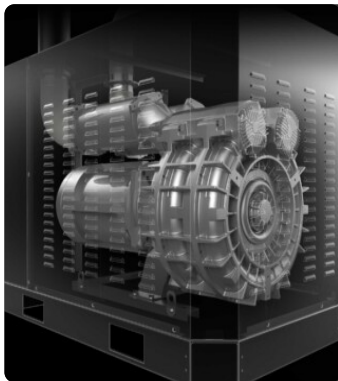


**APPLICAZIONE**  
Powders, solids and  
shavings

VANTAGGI

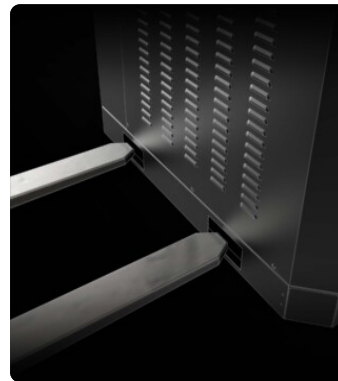
- Powerful Atex-certified side-channel blowers suitable for continuous operation
- Easy to move with a forklift
- Reliable suction unit for centralized suction systems Atex
- Multiple construction options available

HIGHLIGHTS



**SUCTION UNIT**

The suction unit is a side channel blower with direct coupling between motor and impeller. The Side Channel Blower is equipped with a safety valve to ensure continuous, maintenance-free operation.



**EASY HANDLING**

Two pass-through guides located on the bottom facilitate handling of the unit by forklift truck



**ELECTRICAL PANEL WITH REMOTE START**

Management via electrical panel equipped with star/delta start and remote control. Implementable with additional functions



**REQUIRES FILTRATION UNIT**

This unit does not include filtration and collection units, it requires coupling with a filter pre-separator or similar unit

TECHNICAL DATA

**MOTORE**

|                        |                          |
|------------------------|--------------------------|
| Tipologie              | Atex side channel blower |
| Potenza                | 18,5 kW - 25 HP          |
| Frequenza              | 50/60 Hz                 |
| Voltaggio              | 400 V                    |
| Vuoto in continuo      | 270 mBar                 |
| Massima portata d'aria | 1350 m3/h                |
| Classe di isolamento   | 55   F IP                |
| Livello di rumorosità  | 74 dB(A)                 |
| Controllo Remoto       | Free connector available |
| Quadro elettrico       | Included                 |

**MACCHINA**

|                               |                             |
|-------------------------------|-----------------------------|
| Marcatura ATEX                | II 3D Ex htc IIIB T140°C Dc |
| Categoria EX                  | 3D                          |
| Temperatura di utilizzo       | -10/+40 C°                  |
| Bocca aspirante               | 102 Ø mm                    |
| Dimensioni                    | 821 x 1319 mm               |
| Altezza                       | 1792 mm                     |
| Valvola di sicurezza          | Pressure relief valve       |
| Supporto sollevamento muletto | Included                    |

**DOTAZIONI**



**ATEX CERTIFICATION**



**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



**PRV**  
Pressure relief valve installed

**OPTIONS**

**AVAILABLE FILTER MEDIA**



**HEPA 14**  
Absolute filter (EN 1822)  
110.000 cm<sup>2</sup> filter surface  
H14 Class Filter (EN 1822)  
Glass fiber

## STRUCTURE AND OPTIONS

**60**  **HZ**

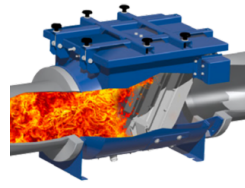
**60HZ**

Available in 60Hz version



**3 YEARS WARRANTY**

Purchasing the replacement filter along with the vacuum



**NON-RETURN VALVE**

Isolates explosion and prevents it from spreading from the industrial vacuum to the pipe