

CENTRAL VACUUM SYSTEMS

# CVS 220 ROOTS 3D Z22

## ATEX HIGH VACUUM CENTRAL VACUUM UNIT FOR VACUUM SYSTEMS



**POWER**  
22 kW - 30 HP

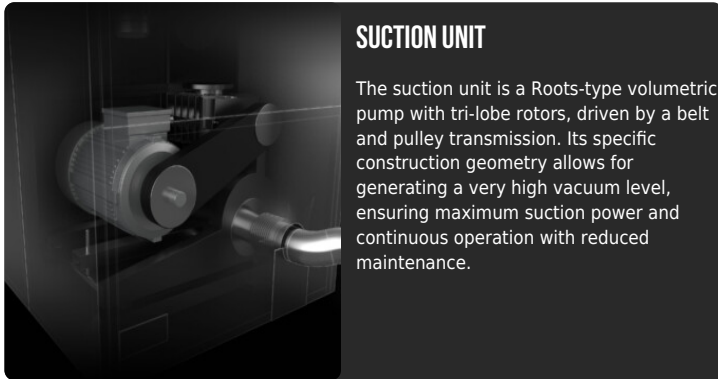


**APPLICATION**  
Powders, solids and  
shavings

## FEATURES

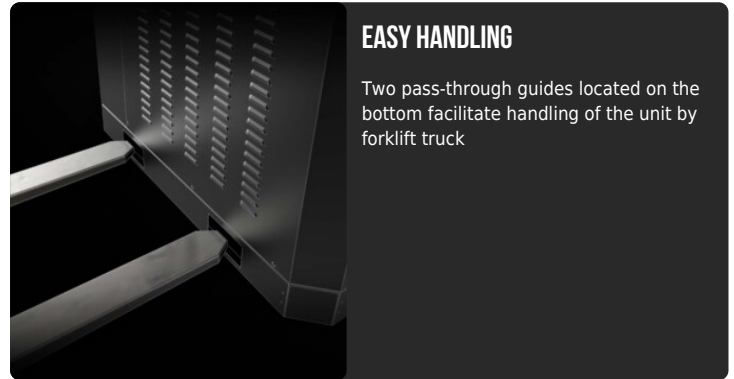
- Powerful lobe pump with three-lobe rotors to achieve extremely high vacuum levels
- Easy to move with a forklift
- Reliable soundproof suction unit to reduce noise emissions
- Multiple construction options available

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a Roots-type volumetric pump with tri-lobe rotors, driven by a belt and pulley transmission. Its specific construction geometry allows for generating a very high vacuum level, ensuring maximum suction power and continuous operation with reduced maintenance.



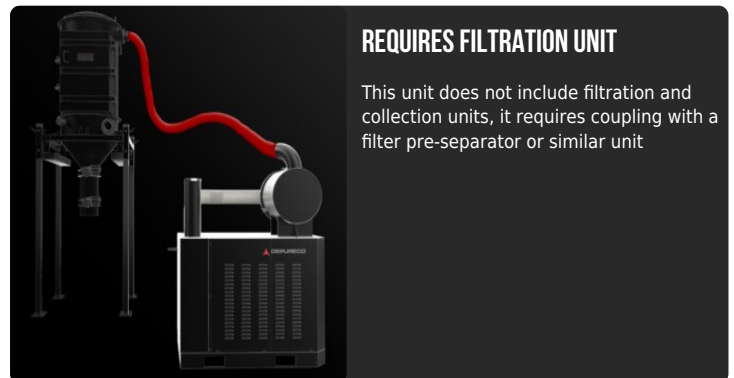
### EASY HANDLING

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

### MOTOR

Typologies	Atex 3D Roots pump
Power	22 kW - 30 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH2O	5000 mmH2O
Maximum air flow	1200 m3/h
Noise level	84 dB(A)
Electrical panel	Included

### MACHINE

Atex marking	II 3D Exh IIIC T200C Dc
EX category	3D
Suction inlet	130 Ø mm
Dimensions	1282 x 1100 mm
Height	1420 mm

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



**60HZ**  
Available in 60Hz version



**3 YEARS WARRANTY**  
Purchasing the replacement filter along with  
the vacuum



**SLN**  
Silencer + diffusor