

CENTRAL VACUUM SYSTEMS

CVS 300 ROOTS 3D Z22

ATEX HIGH VACUUM CENTRAL VACUUM UNIT FOR VACUUM SYSTEMS



POWER
30 kW - 37 HP

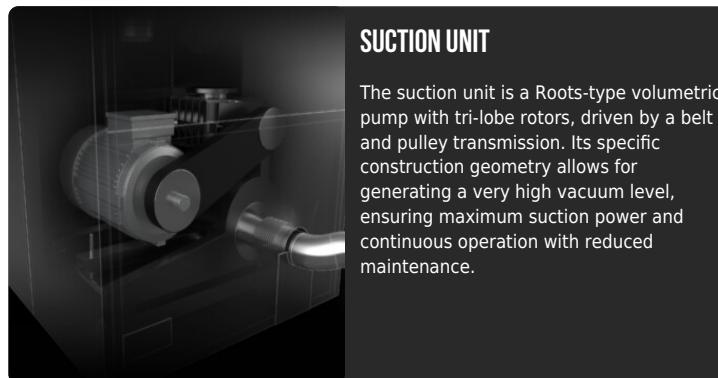


APPLICATION
Powders, solids and
shavings

FEATURES

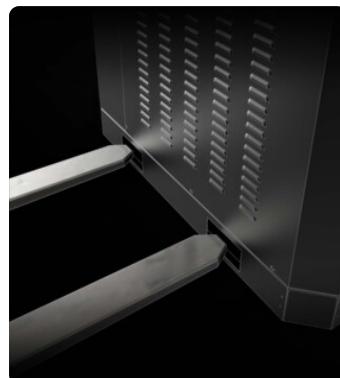
- Powerful lobe pump with three-lobe rotors to achieve extremely high vacuum levels
- Easy to move with a forklift
- Reliable soundproof suction unit to reduce noise emissions
- Multiple construction options available

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	30 kW - 37 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH2O	5000 mmH2O
Maximum air flow	1500 m3/h
Noise level	83 dB(A)
Electrical panel	Included

MACHINE

Atex marking	II 3D Exh IIIC T200C Dc
EX category	3D
Operating temperature	-20/+40 C°
Suction inlet	130 Ø mm
Dimensions	1300 x 1582 mm
Height	1530 mm

FEATURES

**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 cm² 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**SLN**

Silencer + diffusor