CENTRAL VACUUM SYSTEMS

CVS 300 ROOTS 3D Z22

ATEX HIGH VACUUM CENTRAL VACUUM UNIT FOR VACUUM SYSTEMS

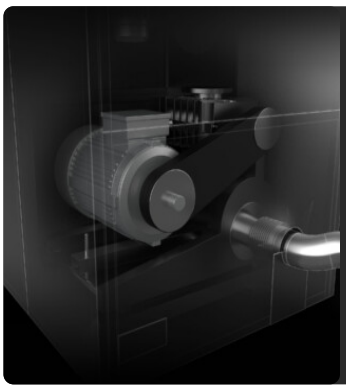
POWER
30 kW - 37 HP

APPLICATION
Powders, solids and shavings

FEATURES

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

HIGHLIGHTS



SUCTION UNIT

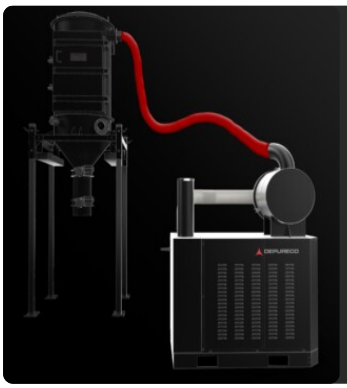
The suction unit is a Roots-type volumetric pump with tri-lobe rotors, driven by a belt and pulley transmission. Its specific construction geometry allows for generating a very high vacuum level, ensuring maximum suction power and continuous operation with reduced maintenance.

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 mmH20	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	2000 x 1500 mm
Height	1900 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

60HZ

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

SLN
Silencer + diffusor