HIGH-POWER THREE-PHASE INDUSTRIAL VACUUM CLEANERS

ATLAS 37 ROOTS

HIGH VACUUM INDUSTRIAL VACUUM CLEANER FOR HANDLING LARGE QUANTITIES OF MATERIAL

Watch the video!

POWER
37 kW - 45 HP

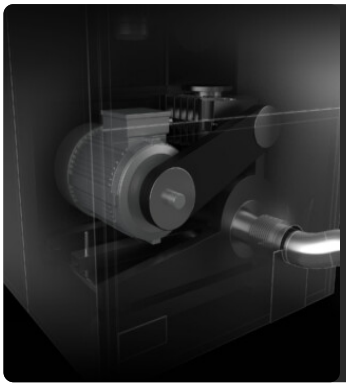
APPLICATION
Powders, solids and shavings

COLLECTION SYSTEM
Localized Discharge

FEATURES

- Simple, fast and safe handling of the vacuumed material
- Hopper can be lifted to facilitate material discharge
- Maximum filtration and automatic cleaning of filter cartridges
- Possibility of installation on trailer

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.

FILTER UNIT

Filtration is ensured by polyester cartridge filters in class M (filtration efficiency 1 micron) with high filtering surface area, which guarantees the passage of air even with dirty filter.

HYDRAULIC HOPPER

A large-capacity hydraulic hopper allows a large amount of heavy material to be collected. The hopper offers different discharge systems to suit every need.

TRAILER INSTALLATION READY

The vacuum cleaner can be transported anywhere by installing the unit on a trailer. *trailer not included.

TECHNICAL DATA

MOTOR

Typologies	Roots pump
Power	37 kW - 45 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH20	5000 mmH2O
Maximum air flow	1800 m3/h
Insulation class	55 | F IP
Noise level	90 dB(A)
Remote control	Included
Electrical panel	Included

MACHINE

Suction inlet	130 Ø mm
Collection system	Conveyed discharge
Dimensions	3746 x 1660 mm
Height	2993 mm
Compact height	2063 mm
Safety valve	Pressure relief valve
Forklift support	Included

FILTRATION

Primary filter type	6x Cartridges
Filter surface	520000 cm2
EN 60335-2-69 filtration class	M
Media	Polyester
Filter Cleaning System	Automatic SP

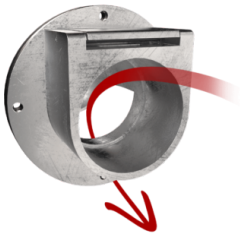
FEATURES

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

ELECTRICAL PANEL
Electrical panel, implementable with additional functions

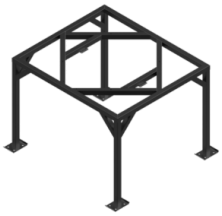
POWER SUPPLY CABLE

PLUG
4-pole industrial plug



DEFLECTOR
Internal deflector to protect the filter

STEEL CONSTRUCTION
Rugged industrial coated steel construction



STR
Four legs to discharge in big bag

PRV
Pressure relief valve installed

GFR
Lifting eyebolts

OPTIONS

STRUCTURE AND OPTIONS

60HZ

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ATEX CERTIFICATION

24 VOLT
ON OFF

RC
Remote control 24V ON/OFF

ACCESSORIES

P12348
DRY KIT Ø 70MM
Kit containing specific accessories for 70 mm diameter dust and solids vacuuming