

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

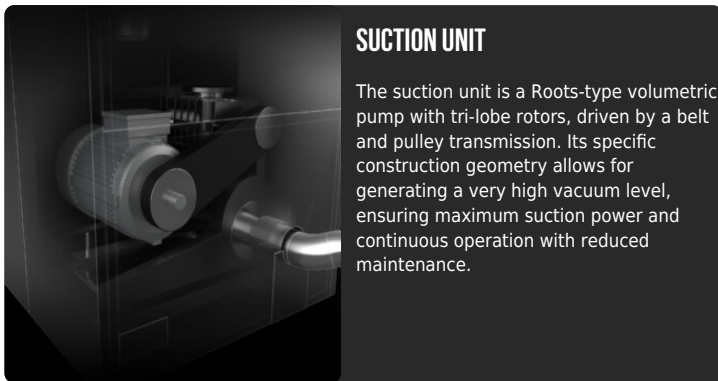


**COLLECTION SYSTEM**  
Localized Discharge

## 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



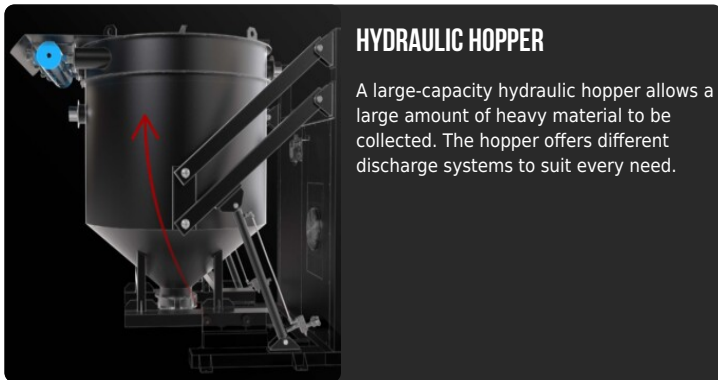
### SUCTION UNIT

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 mmH2O	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

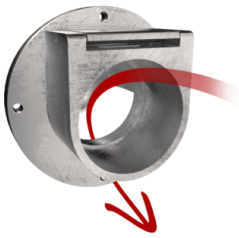


**POWER SUPPLY CABLE**



**PLUG**

4-pole industrial plug



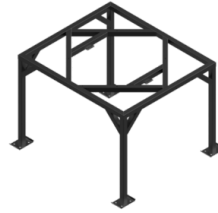
**DEFLECTOR**

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

**60<sup>✓</sup> HZ**

**60HZ**  
Available in 60Hz version



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



**ATEX CERTIFICATION**



**RC**  
Remote control 24V ON/OFF

ACCESSORIES



**P12348**  
**DRY KIT Ø 70MM**  
Large-diameter configuration for removing bulky debris and heavy dust in industrial settings. - 5-meter reinforced polyurethane hose - 2 ...