

HIGH-POWER THREE-PHASE INDUSTRIAL VACUUM CLEANERS

# ATLAS 18

## INDUSTRIAL VACUUM FOR HANDLING LARGE QUANTITIES OF MATERIAL



Watch the video!



**POWER**  
18,5 kW - 25 HP



**APPLICATION**  
Powders, solids and  
shavings



**COLLECTION SYSTEM**  
Localized Discharge

## FEATURES

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

## HIGHLIGHTS



### SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free work. A metal silencer is included as standard in the turbine to ensure a low noise level.



### 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	Side channel blower
Power	18,5 kW - 25 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	320 mBar
Maximum air flow	1380 m3/h
Insulation class	55   F IP
Noise level	74 dB(A)
Remote control	Included
Electrical panel	Included

### MACHINE

Suction inlet	100 Ø mm
Collection system	Conveyed discharge
Dimensions	3746 x 1660 mm
Height	2993 mm
Compact height	2063 mm
Weight	1200 Kg
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

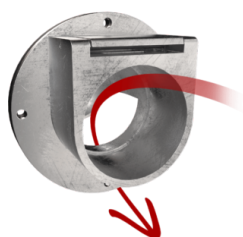


### POWER SUPPLY CABLE



### PLUG

4-pole industrial plug



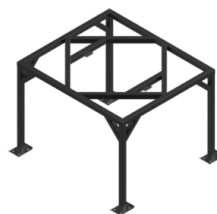
### DEFLECTOR

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**  
Kit containing specific accessories for 70 mm diameter dust and solids vacuuming