

ATEX AND ACD VACUUM CLEANERS

HF 20 3D Z22

STATIONARY ATEX INDUSTRIAL VACUUM CLEANER



POWER
15 kW - 20 HP



APPLICATION
Powders, solids and shavings

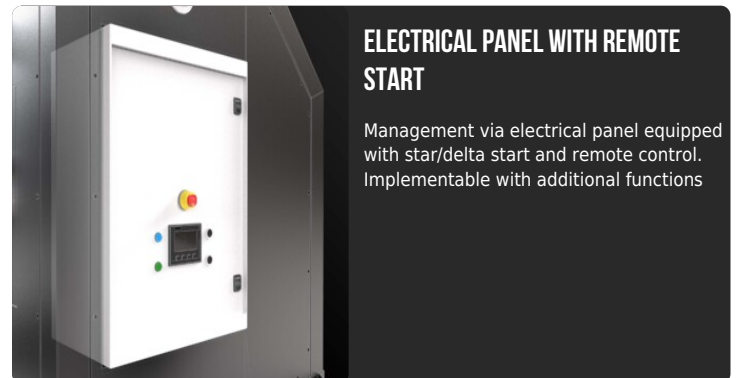
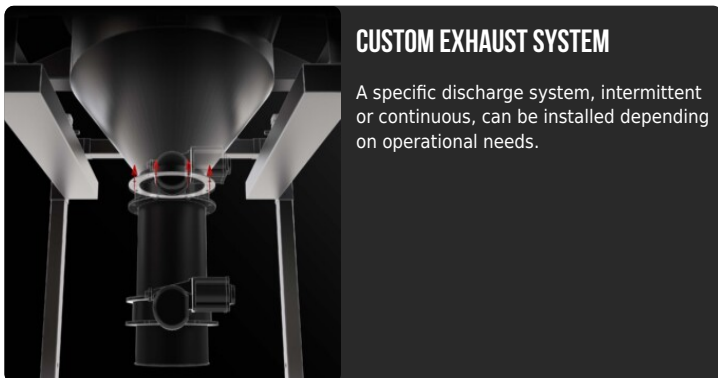
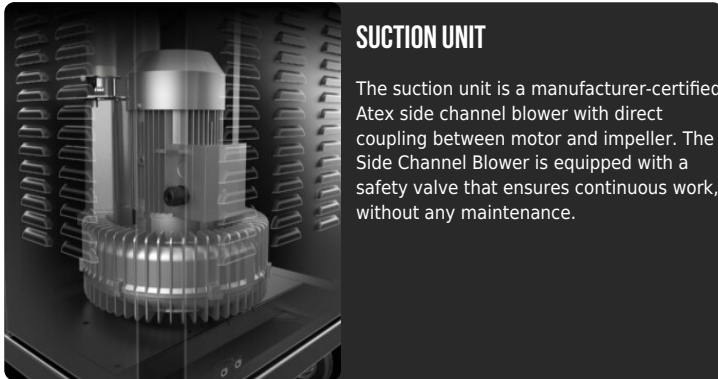


COLLECTION SYSTEM
Localized discharge

FEATURES

- Powerful Atex-certified side channel blower
- Ideal for on-board machine applications
- SP automatic filter cleaning system
- Multiple construction and material discharge options available

HIGHLIGHTS



TECHNICAL DATA

MOTOR

Typologies	Atex side channel blower
Power	15 kW - 20 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	350 mBar
Maximum air flow	920 m ³ /h
Insulation class	55 F IP
Noise level	74 dB(A)
Remote control	Free connector available
Electrical panel	Included

MACHINE

Atex marking	II 3D Ex htc IIIB T140°C Dc
EX category	3D
Operating temperature	-10/+40 °C
Suction inlet	100 Ø mm
Collection system	Conveyed discharge
Discharge diameter	250 Ø mm
Dimensions	1240 x 1910 mm
Height	3488 mm
Safety valve	Pressure relief valve

FILTRATION

Primary filter type	4x Cartridges
Filter surface	120000 cm ²
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS



SP

Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 4
Polyester filter cartridges, 12 m² filter surface

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



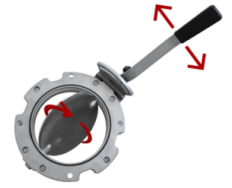
3 YEARS WARRANTY

Purchasing the replacement filter along with the vacuum



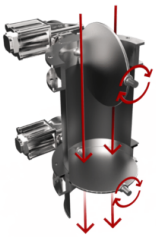
DISCHARGE WITH COUNTERBALANCED FLAP

The material is automatically discharged every time suction is stopped.



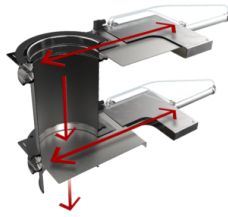
DISCHARGE WITH BUTTERFLY VALVE

Manual intermittent discharging system with butterfly valve
Manual discharging butterfly valve



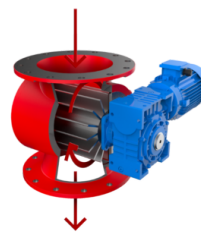
DOUBLE PNEUMATIC DISCHARGE WITH BUTTERFLY VALVES

System with valves that open alternately to allow the material to be discharged and the vacuum to be maintained at the same time. Double electro pneumatic discharging butterfly valve ATEX



DOUBLE DISCHARGE WITH ELECTRO-PNEUMATIC DAMPERS

System with dampers that open alternately to allow the material to be discharged and the vacuum to be maintained at the same time.



ROTARY VALVE FOR CONTINUOUS DISCHARGE

The valve rotates continuously allowing a constant and uniform discharge of the aspirated material. Rotary valve for continuous hopper discharge



ROTARY LEVEL SENSOR

Sensor with rotating paddle that sends a signal when the container is full to immediately stop suction



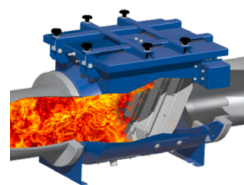
PANEL VENT FOR DIRECTIONAL EXPLOSION

An explosion vent designed to break at a specific pressure and release the explosive pressure in a safe area. Panel vent for explosion



FLAMELESS VENT

A valve that contains the flame and the overpressure generated by a possible explosion.



NON-RETURN VALVE

Isolates explosion and prevents it from spreading from the industrial vacuum to the pipe