





## SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.



## FILTER UNIT

The polished AISI316 stainless steel cyclone, which is also available in a Clean in Place version for internal cleaning, separates the dust even though it has no filter element and is capable of filtering 98% (max, tested with placebo dust) of the dust and reducing the maintenance required.

A HEPA absolute filter (BIA certified) with an efficiency of 99.995% for dust up to 0.18micron installed in an AISI304 stainless steel housing and replaceable via the BIBO system, guarantees complete filtration of the air returned to the environment.

An additional 2 HEPA absolute filters can be optionally installed to provide maximum protection for operators.

Magnehelic gauge for the visual check of filter clogging. Photohelic optional for filter clogging and presence check, but also for sending signals to external systems.



## COLLECTION UNIT

Cyclone, hopper, and discharge are made of AISI316 stainless steel, polished internally and externally to facilitate the flow of the suctioned material and simplify the cleaning of the unit.

Capacitive sensor as standard for notification of full container

The frame is made of AISI304 stainless steel, guaranteeing durability and strength.

The material is discharged into crimpable plastic containment bags that provide a seal and prevent spillage and any contact with dust even during disposal.



## OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ CLEAN IN PLACE
- ✓ ADDITIONAL ABSOLUTE SUCTION FILTER WITH BIBO SYSTEM
- ✓ ABSOLUTE FILTER IN AIR BLOWING
- ✓ STAINLESS STEEL HOUSINGS FOR ADDITIONAL ABSOLUTE FILTERS
- ✓ PHOTOHELIC TO CHECK FILTER CLOGGING OR LACK OF FILTER
- ✓ INVERTER
- ✓ EARTH GROUNDING
- ✓ ATEX CERTIFICATION
- ✓ HIGH VACUUM VANE PUMP
- ✓ CRIMPING MACHINE WITH CAPS