

ION TWIST COMPACT

Stand-alone machine for cleaning bulk materials and small parts



Key Facts

- ✓ **Complete solution for electrostatic cleaning of bulk goods**
- ✓ **Cleaning with strong air vortices and shock pulses**
- ✓ **Efficient and powerful** - Quality made in Germany
- ✓ **All-in-one:** Cleaning, ionising, suction
- ✓ **Integrated filter and suction system**

Product Description

Technical cleanliness at the end of the tunnel. The machine uses the proven ION TWIST technology to clean components made from a wide range of materials. The small parts are accelerated via special airflow cleaning ramps and move through the multi-chamber system. Shock pulses, electrostatic discharge and a controlled airstream loosen, remove and suction off contaminants.

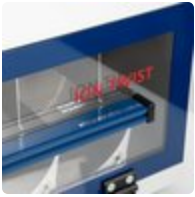
The machine combines all the necessary functions. The ION TWIST cleaning system is combined with an integrated filter and suction system. This means; to commission the machine for cleaning, it only needs to be connected to eclectic power and to the compressed air. The system is designed as a standing workstation.

ION TWIST COMPACT is suitable for the logistics sector and can also be used directly in the production process.

- Popular for small components
- Stand-alone machine: Fully integrated system, only media connection is required
- Component transport and cleaning with a controlled airstream
- High-performance ionisation permanently neutralises electrostatic charges
- Suction across the entire tunnel area and all surfaces
- Monitoring of operating parameters is integrated for efficient cleaning processes
- Suitable for batch cleaning
- Can be used as a cleanroom airlock
- Custom variants are available upon request

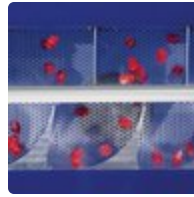
Technical Features

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Flexibility:

Suitable for various bulk material sizes; can be used for batch cleaning as well as in inline processes.



Air vortices & Shock pulses:

Thorough cleaning of loose components.



Full-surface suction:

Maximum suction across the entire tunnel length and of all surfaces.



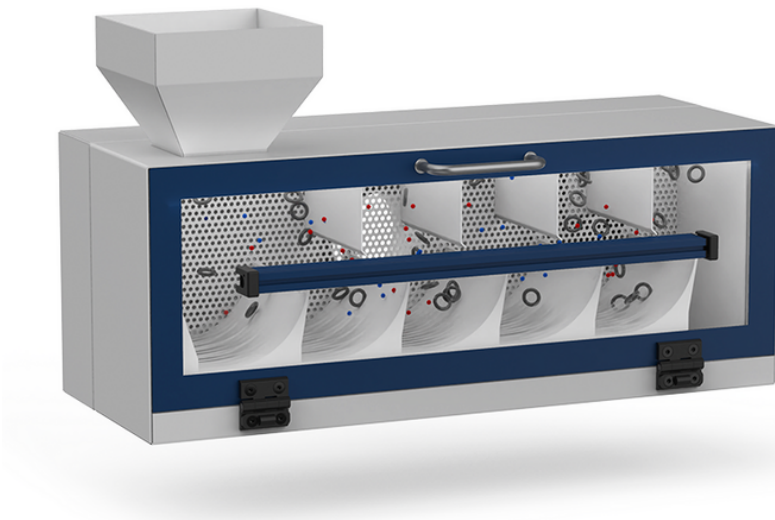
Filter change without tools:

Quick and easy maintenance in the integrated suction system.

TECHNOLOGY

ION TWIST

Small parts, great effect – ION TWIST cleans even the smallest components effortlessly. Discover how the technology works.

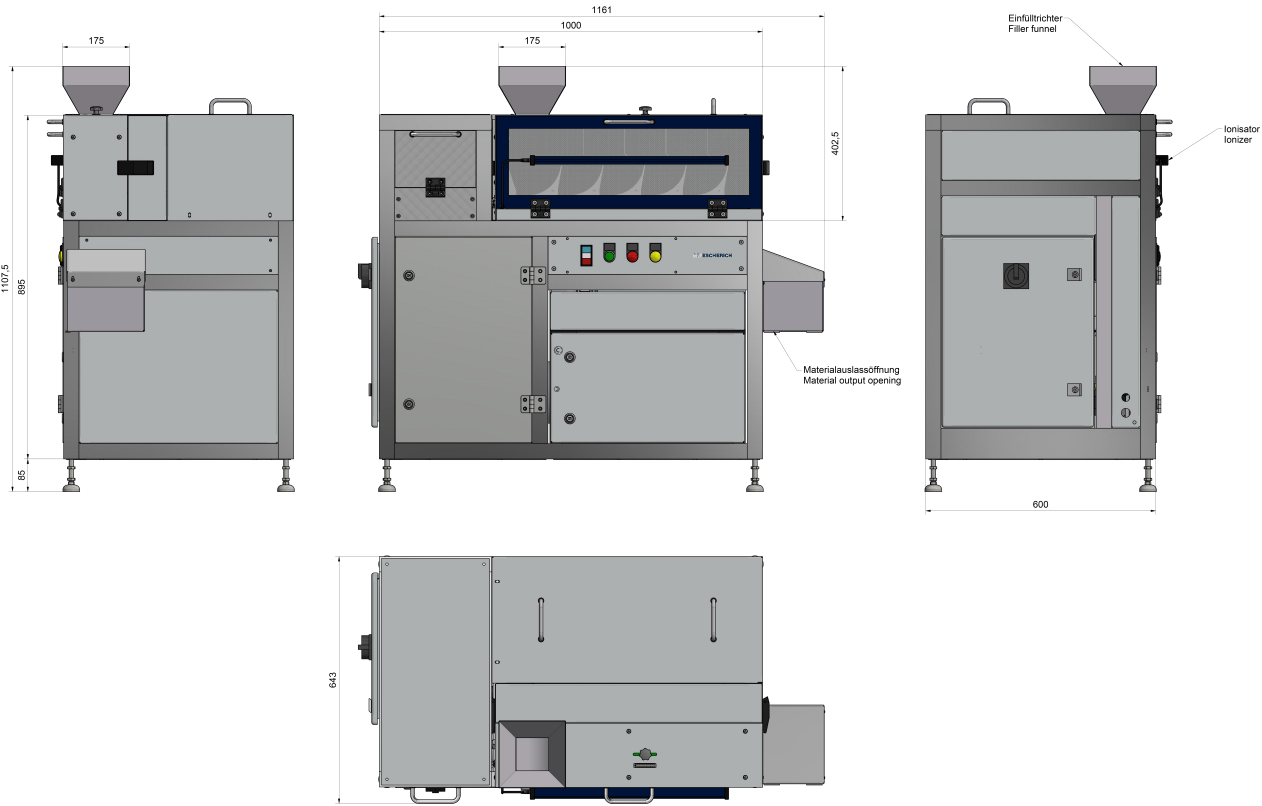


Technical Data

ION TWIST COMPACT	
Suction max. volume flow	645 Nm³/h
Input pressure	6.0 bar
Operating air pressure for cleaning (min. - max.)	1.5 – 5.0
Weight	approx. 180 kg
Power consumption	0.55 kVA
Rated current	2.4 A

- The fan characteristic values in suction mode, free-blowing, are the maximum volume flow.

Technical Drawings



System Installation



- 1 Material feed
- 2 Cleaning chamber for transport box
- 3 Pneumatics
- 4 Cleaning system
- 5 Material output
- 6 Suction and filter unit