

STATIK-AIR® 03

Compressed air assisted ionisation system with single-track ionisation



Key Facts

- ✓ **Compact cleaning system** for integrating into new and existing plants
- ✓ **Integrated ionisation to neutralise electrostatic surface charges**
- ✓ **Individual working widths** for the perfect adaptation to your application
- ✓ **For 2D geometries and flat parts**

Product Description

The contactless surface cleaning device eliminates electrostatic discharges and disruptive dust and material particles from flat parts and webs. The best solution for saving space and easy integration into existing production lines.

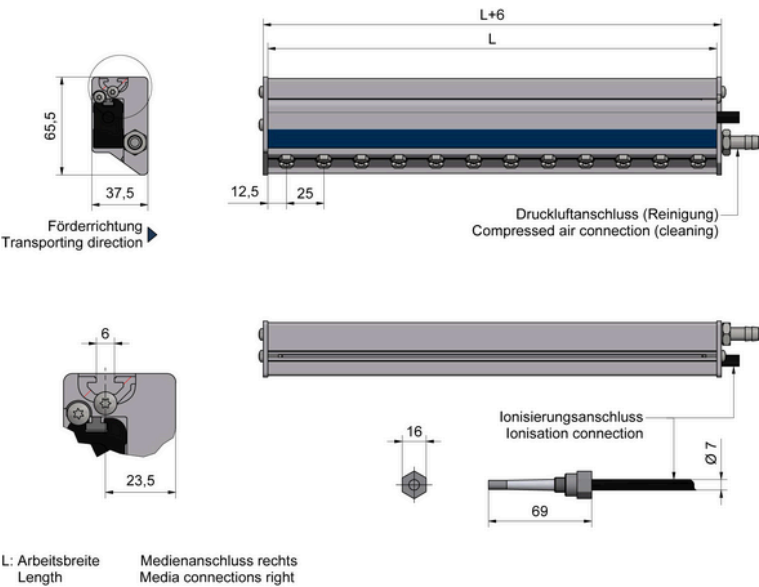
- Contactless cleaning protects the material surface
- Safe to the touch for users
- Low compressed air consumption
- Without integrated suction channel
- Additional variants available: CR, ESD, EX, UL

Technical Data

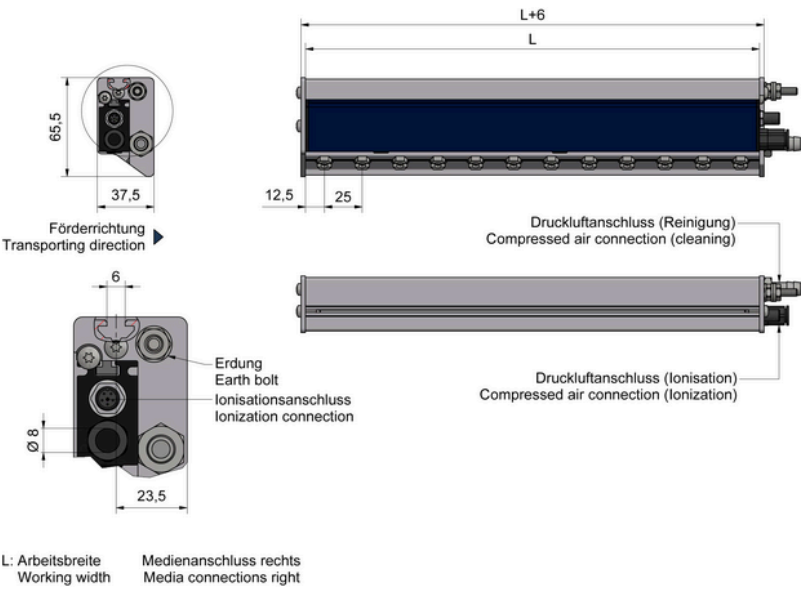
	SA03	SA03CR	SA03ESD	SA03EX	SA03UL
Version	Standard	Cleanroom optimised	ESD applications	EX applications	UL version
Working width	60 - 2000 mm	60 - 2000 mm	60 – 1000 mm	60 - 2000 mm	60 - 2000 mm
Working width increment	10 mm (AB = 60 – 100)	10 mm (AB = 60 – 100)	10 mm	10 mm (AB = 60 - 100)	10 mm (AB = 60 – 100)
	50 mm (AB = 100 – 2000)	50 mm (AB = 100 – 2000)		50 mm (AB = 100 – 2000)	50 mm (AB = 100 – 2000)
Working distance (min. – max.)	1 - 20 mm	1 - 20 mm	1 – 20 mm	1 - 20 mm	1 - 20 mm
Operating air pressure for cleaning system (min. – max.)	1.0 - 5.0 bar	1.0 - 5.0 bar	1.0 - 5.0 bar	1.0 - 5.0 bar	1.0 - 5.0 bar
Type Ionisation	1x PB55 or	1x PB55CR or	(60 – 90 mm):	1x PB55EX	1x PB55UL or
	1x SI070	1x SI070	1 × SIP-INT with SIP-NOZ-02W-0XXX		1x SI070
			(100 – 1000 mm): 1x SIP25		
Ambient temperature (min. – max.)	60 °C	60 °C	55 °C	5-40 °C	60 °C
Weight at working width 100 mm	0.4 kg	0.4 kg		0.4 kg	0.4 kg
Weight for each further 100 mm working width	0.32 kg	0.32 kg		0.32 kg	0.32 kg
Conveying direction (uni-/bi-/multidirectional)	one-directional	one-directional	one-directional	one-directional	one-directional

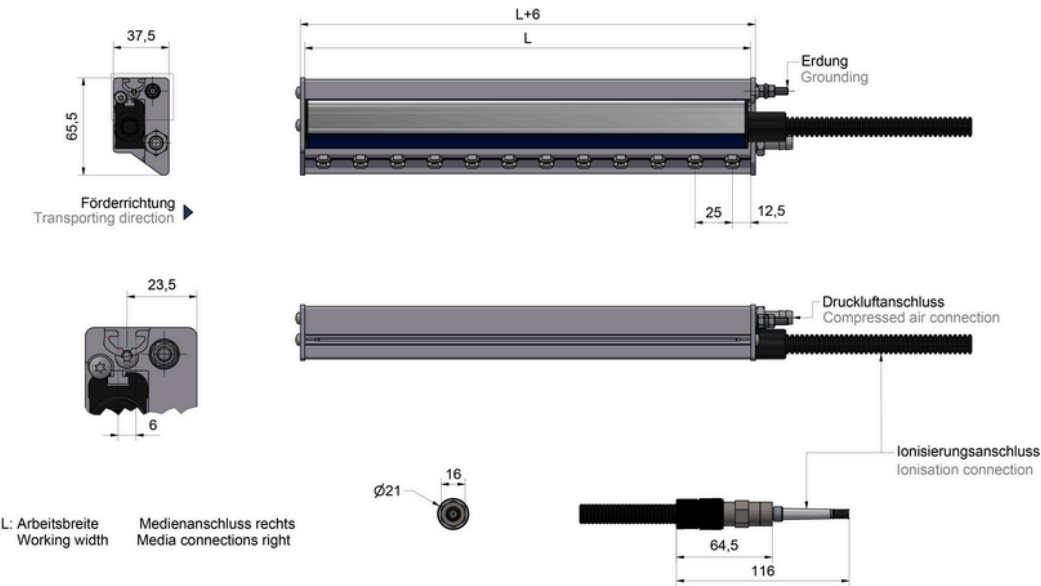
Technical Drawings

SA03



SA03ESD



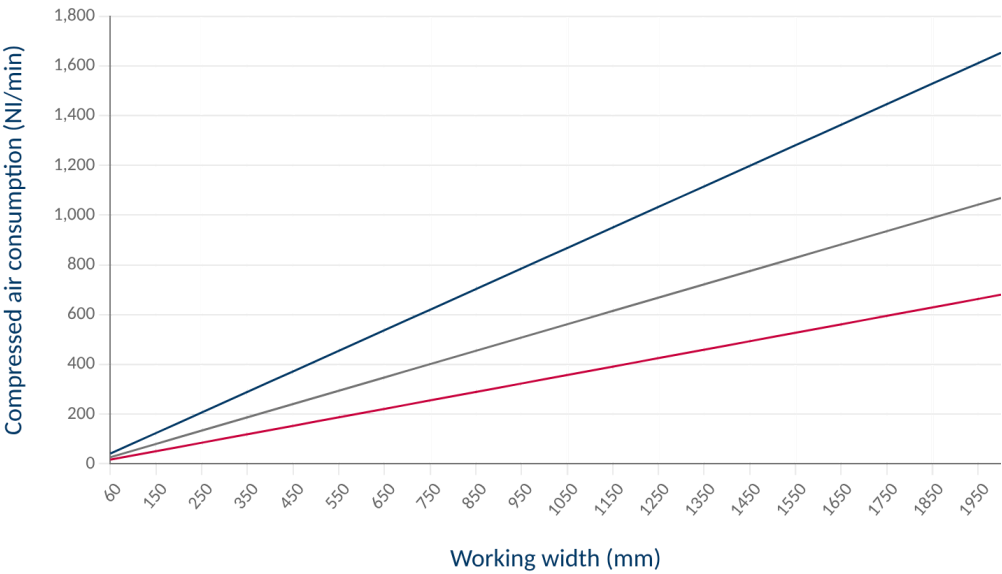


Air Consumption

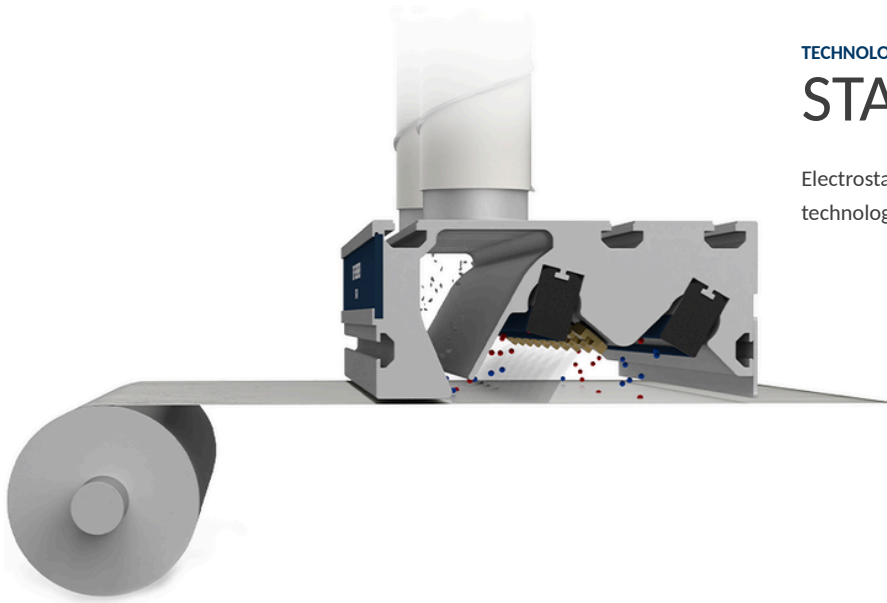
Hover over the graph to find out the exact compressed air consumed per operation at each working pressure.

Operating air pressure

● 1,0 bar ● 2,0 bar ● 3,5 bar



ESD version: Max. working width 1,000 m; additional compressed air consumption for ioniser **PRECISION BAR 25**



TECHNOLOGY

STATIK-AIR®

Electrostatic discharges and dust are a thing of the past with STATIK-AIR® technology. Learn how the technology works.

Related Products

