

## STATIK-AIR® 07

Compressed air assisted ionisation system with two-track ionisation



### Key Facts

- ✓ **Compact cleaning system** for integrating into new and existing plants
- ✓ **Individual working widths** for the perfect adaptation to your application
- ✓ **Integrated ionisation** to neutralise electrostatic surface charges
- ✓ **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. Ideally suited for higher web speeds.

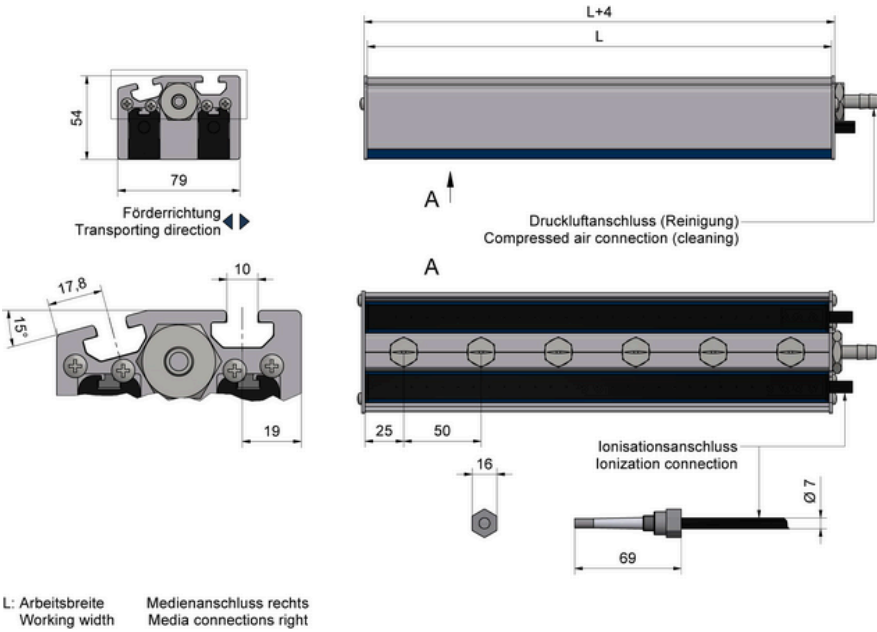
- Contactless cleaning protects the material surface
- Safe to the touch for users
- Compressed air assisted ion transport for extra increases in range
- Without integrated suction channel
- Additional variants available: CR, ESD, EX, UL

## Technical Data

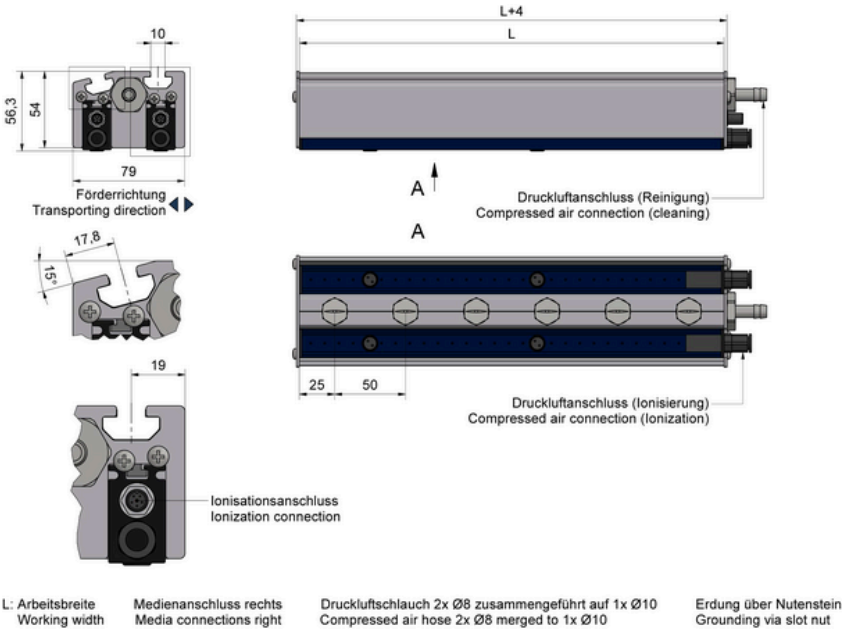
|                                                          | SA07                    | SA07CR                  | SA07ESD          | SA07EX                  | SA07UL                  |
|----------------------------------------------------------|-------------------------|-------------------------|------------------|-------------------------|-------------------------|
| Version                                                  | Standard                | Cleanroom optimised     | ESD applications | EX applications         | UL version              |
| Working width                                            | 60 - 2000 mm            | 60 - 2000 mm            | 100 - 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.)                           | 10 - 100 mm             | 10 - 100 mm             | 10 - 100 mm      | 10 - 100 mm             | 10 - 100 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                                          | 2x <b>PB55</b> or       | 2x <b>PB55CR</b> or     | (150 - 1000 mm): | 2x <b>PP55EX</b>        | 2x <b>PB55UL</b> or     |
|                                                          | 2x <b>SI070</b>         | 2x <b>SI070</b>         | 2x <b>SIP25</b>  |                         | 2x <b>SI070</b>         |
| Ambient temperature (min. - max.)                        | 60 °C                   | 60 °C                   | 55 °C            | 5-40 °C                 | 60 °C                   |
| Weight at working width 100 mm                           | 0.75 kg                 | 0.75 kg                 |                  | 0.75 kg                 | 0.75 kg                 |
| Weight for each further 100 mm working width             | 0.6 kg                  | 0.6 kg                  |                  | 0.6 kg                  | 0.6 kg                  |
| Conveying direction (uni-/bi-/multidirectional)          | bi-directional          | bi-directional          | bi-directional   | bi-directional          | bi-directional          |

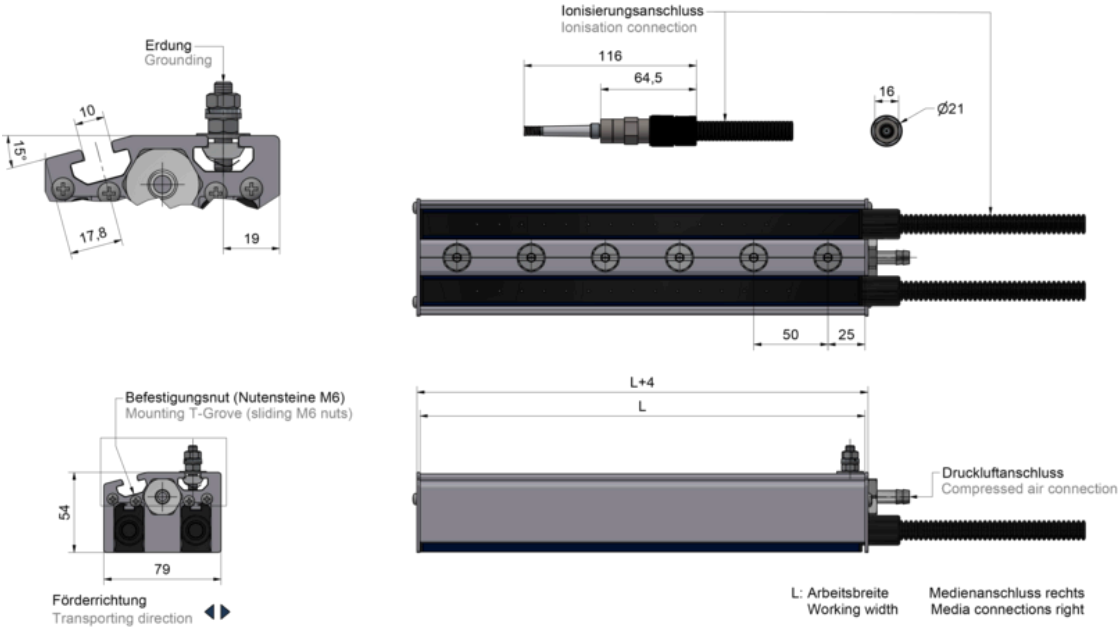
Technical Drawings

SA07



SA07ESD



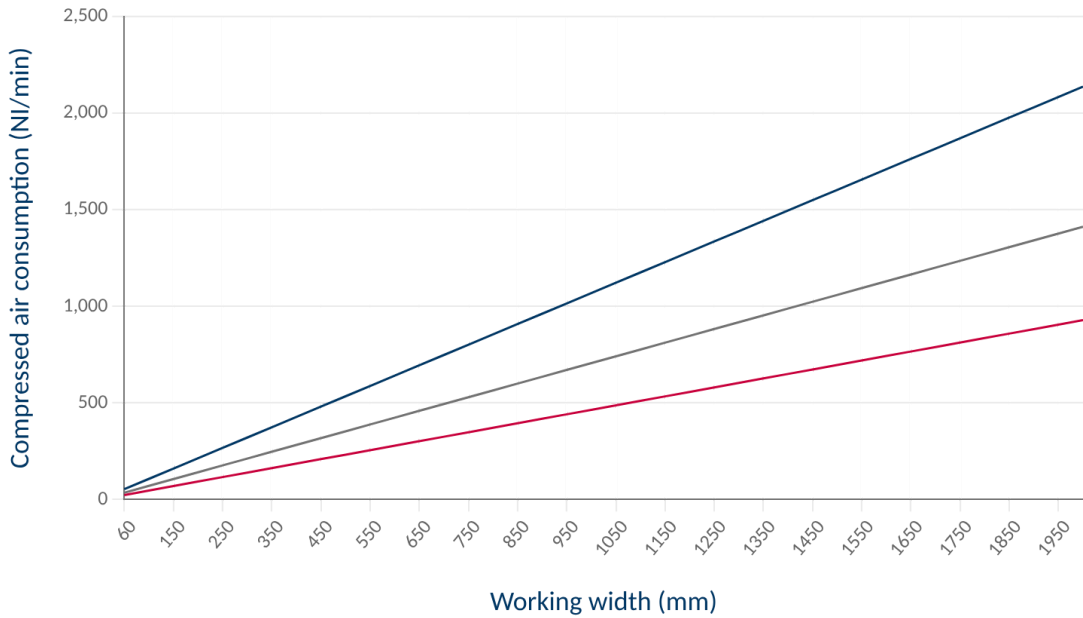


Air Consumption

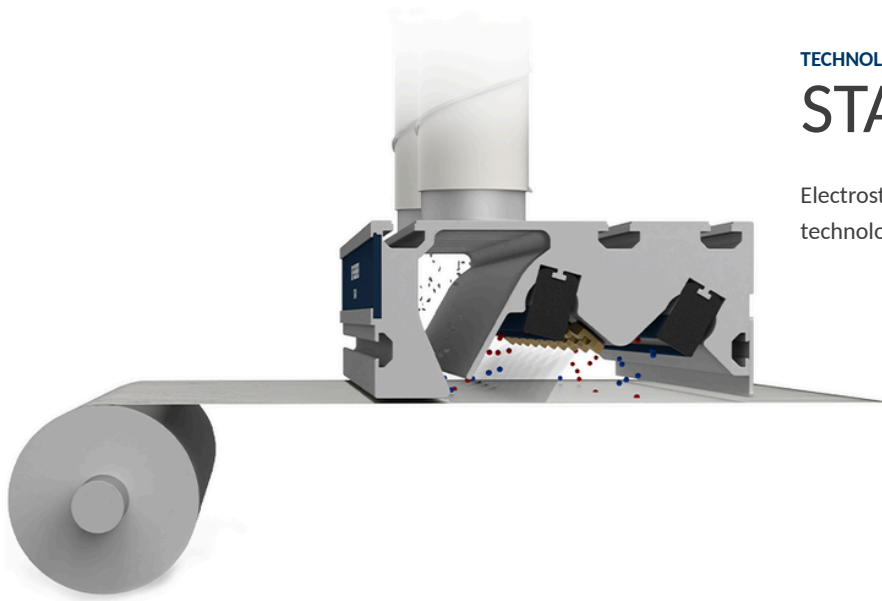
Hover over the graph to find out the exact compressed air consumed per operation at each working pressure.

Operating air pressure

● 1,0 bar ● 2,0 bar ● 3,5 bar



ESD version: Max. working width 1,000 mm; additional compressed air consumption for ionisation 2 × 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



### POWER UNIT 60

Powerful HV power supply for  
KIST + ESCHERICH ionisation systems



### HV-DISTRIBUTOR

Distributors for TRUE ION ionisation  
systems



### ION CHECK

Function tester for testing ionisation  
systems