KIST + ESCHERICH

STATIK-AIR® 013

Surface cleaning system with suction channel and single-track ionisation for flat parts and webs

Key Facts

- **Compact cleaning system** for integrating into new and existing plants
- **Internal suction channel** for transporting the loosened particles to the suction unit
- **Integrated ionisation to neutralise electrostatic surface charges**
- **For 2D geometries and flat parts**

Product Description

The contactless surface cleaning device removes disruptive dust and material particles. The particles are fed to an external suction unit via the internal channel. The best solution for space-saving integrations into existing production lines.

A perfect team: The suction, filter and supply units from KIST + ESCHERICH are optimally matched to our cleaning systems and guarantee a consistently excellent cleaning result.

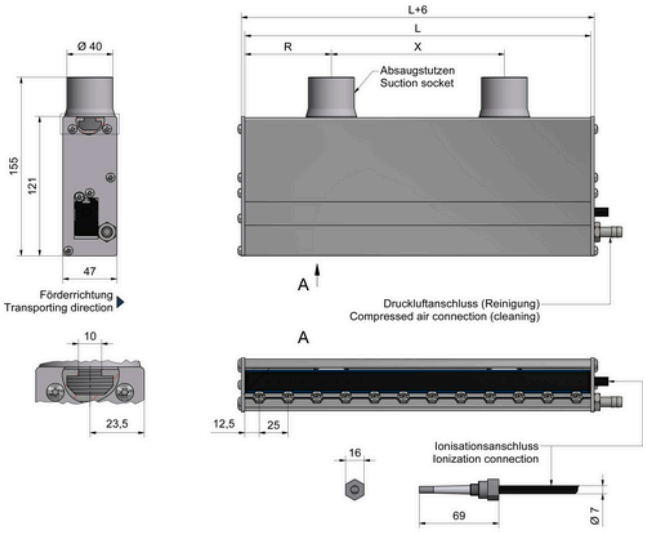
- Suction and control via KIST + ESCHERICH supply unit
- Contactless cleaning protects the material surface
- Safe to the touch for users
- Individual working widths for the perfect adaptation to your application
- Option: Air guide plates for channelling the suction airstream
- Additional variants available: CR, ESD, EX, UL

Technical Data

	SA013	SA013CR	SA013ESD	SA013EX	SA013UL
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) 50 mm (AB = 100 – 2000)	10 mm (AB = 60 – 100) 50 mm (AB = 100 – 2000)	10 mm	10 mm (AB = 60 – 100) 50 mm (AB = 100 – 2000)	10 mm (AB = 60 – 100) 50 mm (AB = 100 – 2000)
Working distance (min. – max.)	1 - 10 mm	1 - 10 mm	1 - 10 mm	1 - 10 mm	1 - 10 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
Diameter of the suction port	DN40	DN40	DN40	DN40	DN40
Type Ionisation	1x **PB55** or 1x **SI070**	1x **PB55CR** or 1x **SI070**	(60 – 90 mm): 1 × SIP-INT with SIP-NOZ-02W-0XXX (100 – 1000 mm): 1x **SIP25**	1x **PB55EX**	1x **PB55UL** or 1x **SI070**
Ambient temperature (min. – max.)	60 °C	60 °C	55 °C	5-40 °C	60 °C
Weight at working width 100 mm	0.76 kg	0.76 kg		0.76 kg	0.76 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)	one-directional	one-directional	one-directional	one-directional	one-directional

Technical Drawings

SA013



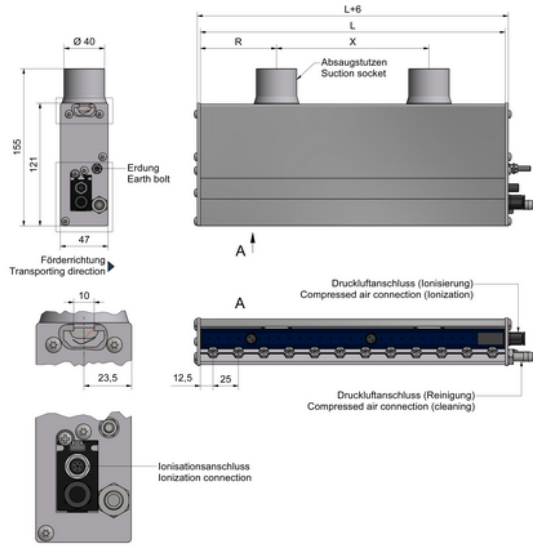
L: Arbeitsbreite
Working width

Medienanschluss rechts
Media connections right

X: Stutzenabstand
Socket distance

R: Randabstand der Stutzen
Socket edge distance

SA013ESD



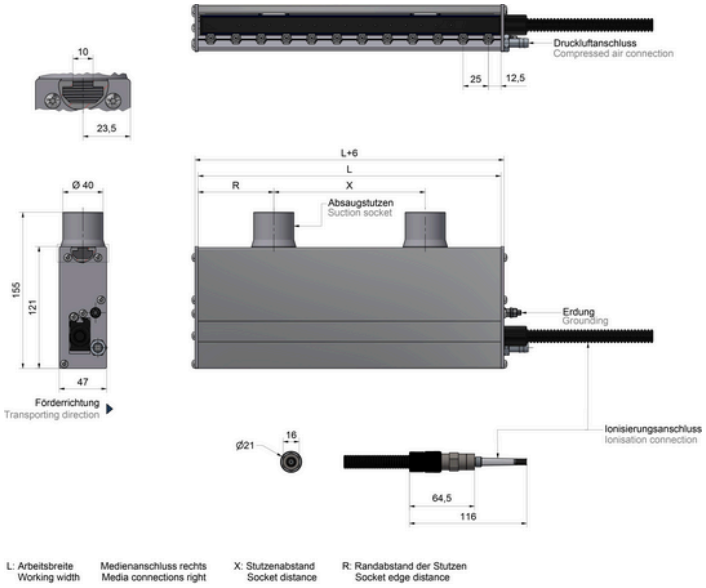
L: Arbeitsbreite
Working width

Medienanschluss rechts
Media connections right

X: Stutzenabstand
Socket distance

R: Randabstand der Stutzen
Socket edge distance

SA013EX

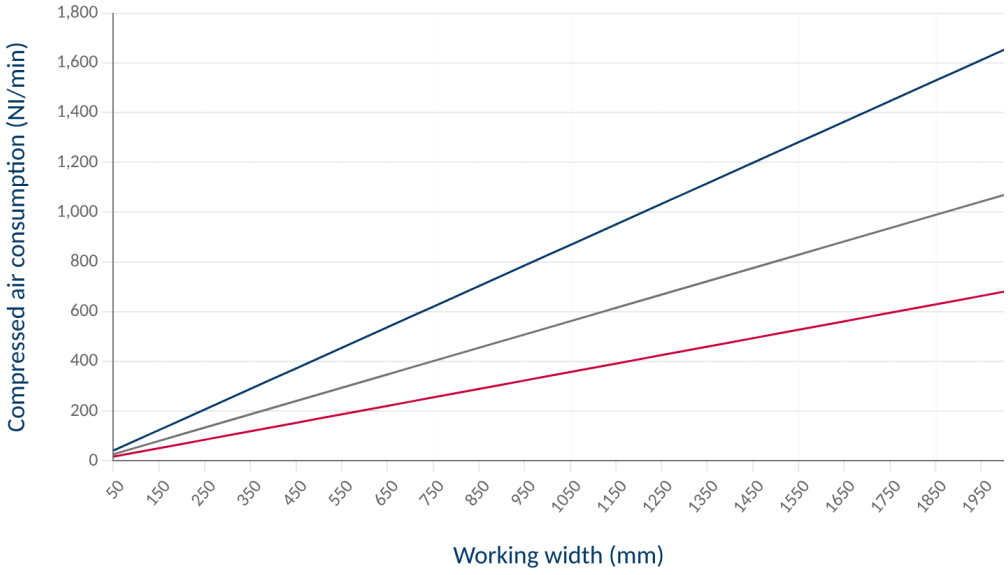


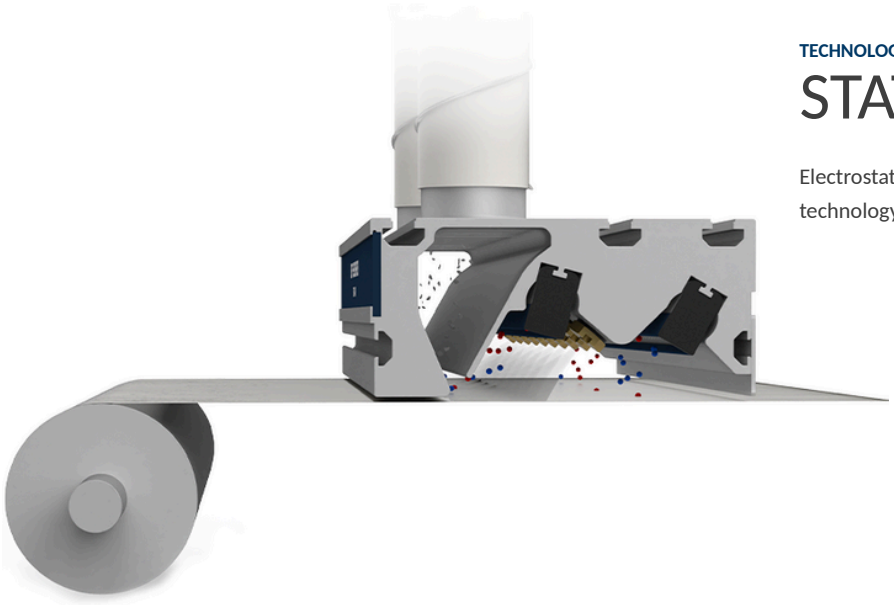
Air Consumption

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





TECHNOLOGY

STATIK-AIR®

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

Related Products

ES 42

Compact filter and suction device (Performance class: 230 – 250 m³/h)

ESUC 230/390/650

Filter, suction and supply unit (performance class 230 – 650 m³/h)

ESUC 1300

Filter, suction and supply unit (Performance class 1300 m³/h)

ESUC 201/202/401/402

Filter, suction and supply unit (performance class 2400 – 3400 m³/h)

Accessories for suction hoses

Accessories for output air components

ION CHECK

Function tester for testing ionisation systems