

ROTORCLEAN 100

Brush cleaning system for flat and slightly curved surfaces



Key Facts

- ✓ **Compact cleaning system** for integrating into new and existing plants
- ✓ **Intensive cleaning effect** with mechanical support of a round brush
- ✓ **Integrated ionisation** to neutralise electrostatic surface charges
- ✓ **For flat and slightly curved surfaces**

Product Description

Because of our adjustable brush pressure, a variable brushing speed, and the bristle material used, not only impurities that are bound to the surface by electrostatic forces, but also those that adhere to the material surface by other binding forces (e.g., adhesion) can be removed. A homogeneous output air flow captures the loosened contaminants and transports them to the filter system.

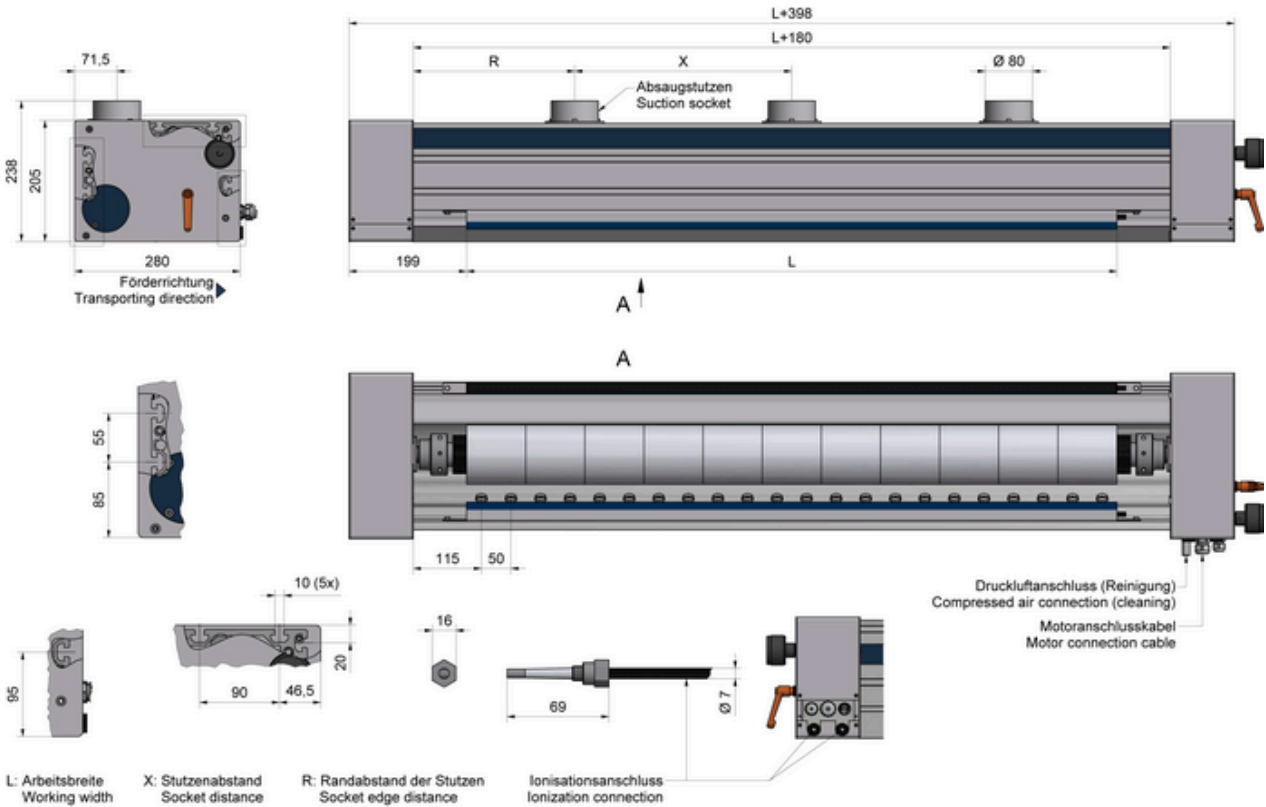
- Simple brush replacement
- Height-adjustable cleaning brushes
- Brush revs can be adjusted via a frequency converter
- Long brush service life
- Ionisation system contact-voltage proof for users
- Integrated suction channel for transporting the loosened particles to the suction unit
- Suction and control via KIST + ESCHERICH supply unit
- Option: Air guide plates for channelling the suction airstream
- Additional variants available: ESD

Technical Data

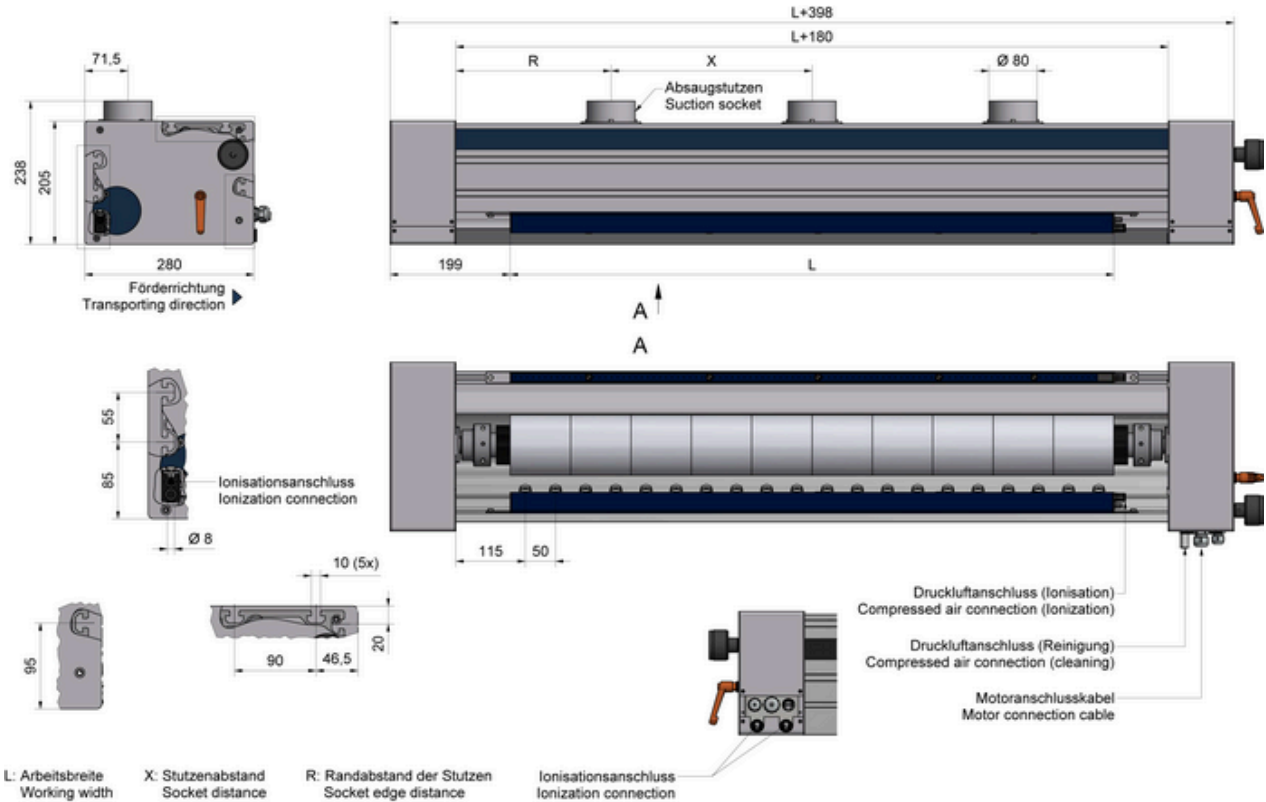
	ROTORCLEAN 100		ROTORCLEAN 100 ESD
Version	Standard	Standard	ESD applications
Working width	300 - 1100 mm	1200 - 2000 mm	300 – 1000 mm
Working width increment	100 mm	100 mm	100 mm
Working distance (min. – max.)	1 - 5 mm	1 - 5 mm	1 - 5 mm
Operating air pressure for cleaning system (min. – max.)	1.5 - 2.5 bar	1.5 - 2.5 bar	1.5 - 2.5 bar
Diameter of the suction port	80 mm	80 mm	80 mm
Ionisation type	2x PB55	2x PB55	2x SIP25
Brush diameter	100 mm	100 mm	100 mm
Height adjustment of brush	0 – 12	0 – 12	0 – 12
Power consumption of brush motor	0.375 kVA	0.75 kVA	0.375 kVA
Brush revs	360 – 1450 rpm	360 – 1450 rpm	360 – 1450 rpm
Shaft diameter	40 mm	40 mm	40 mm
Ambient temperature (min. – max.)	5 - 40 °C	5 - 40 °C	5 - 40 °C
Weight at minimum working width	29.0 kg	53.75 kg	29.0 kg
Weight per additional working width increment	3.2 kg	3.2 kg	3.2 kg
Conveying direction (uni-/bi-/multidirectional)	one-directional	one-directional	one-directional

Technical Drawings

RC 100



RC 100 ESD

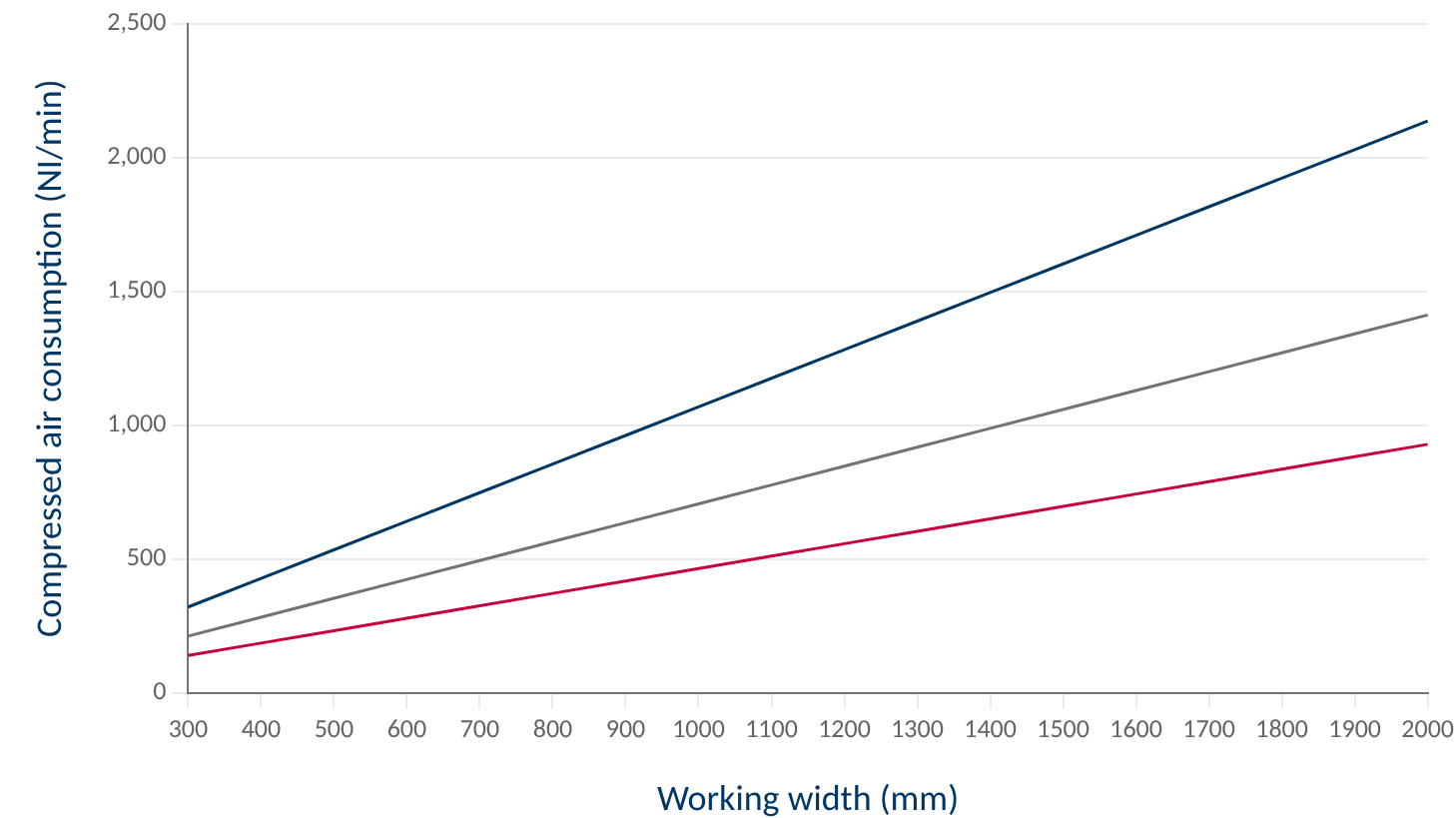


Air Consumption

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



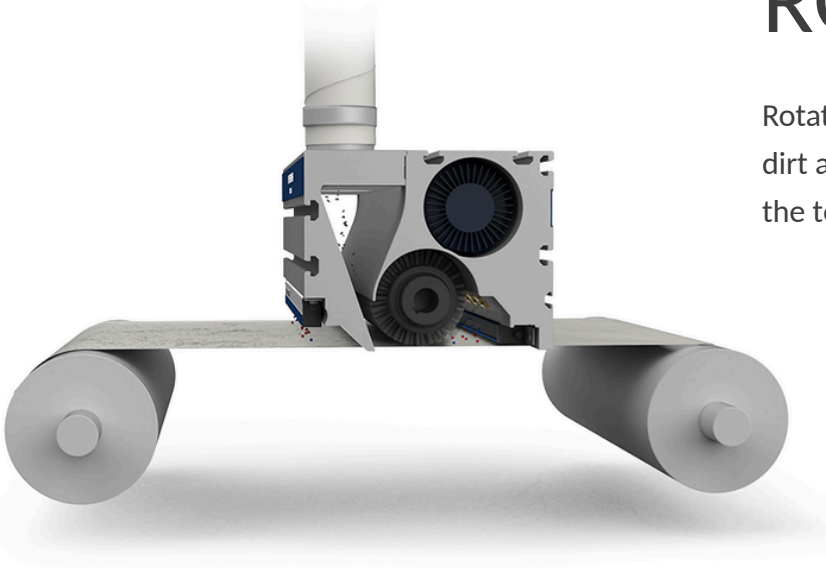
ESD version: Max. working width 1,000 mm; additional compressed air consumption for ionisation 2 ×

PRECISION BAR 25

TECHNOLOGY

ROTORCLEAN

Rotating power that removes even the most stubborn dirt and ensures cleanliness without residue. Discover the technology behind it.



Related Products



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 brushes



Accessories for suction hoses



Accessories for output air components