

TAIFUN-CLEAN® 016

Compact surface cleaning system for 3D components, with suction

TC016



Key Facts

- ✓ **Compact cleaning system** for integrating into new and existing plants
- ✓ **Integrated ionisation** to neutralise electrostatic surface charges
- ✓ **Internal suction channel** for transporting the loosened particles to the suction unit
- ✓ **For structured components** and complex component geometries

Product Description

TAIFUN-CLEAN® 016 is used in confined spaces. The combination of single-track ionisation, pulsating compressed air through rotating nozzles, and an integrated suction channel reliably removes particles.

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.

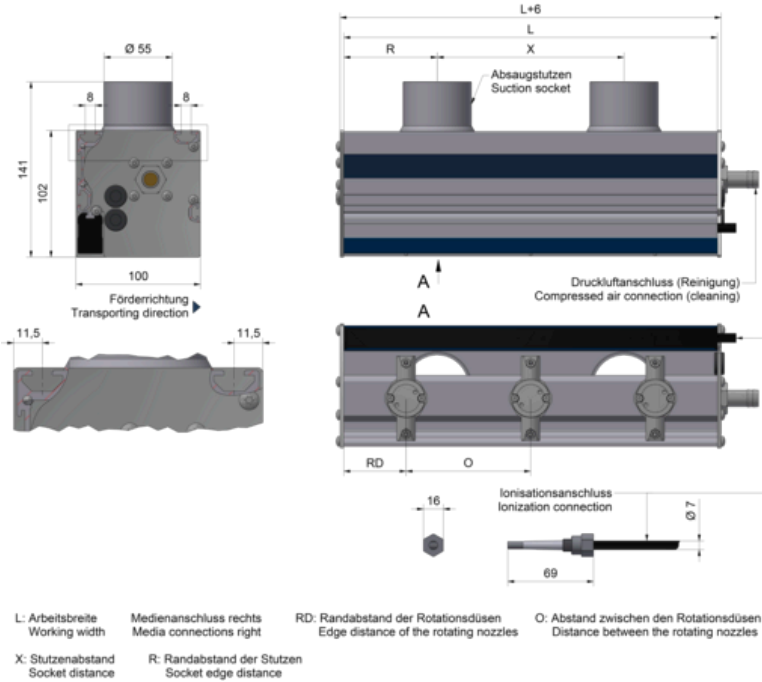
- Suction and control via KIST + ESCHERICH supply unit
- Contactless cleaning protects the material surface
- Ionisation system contact-voltage proof for users
- Individual working widths for precise integration
- Option: Air guide plates for channelling the suction airstream
- Additional variants available: CR, ESD, EX, UL

Technical Data

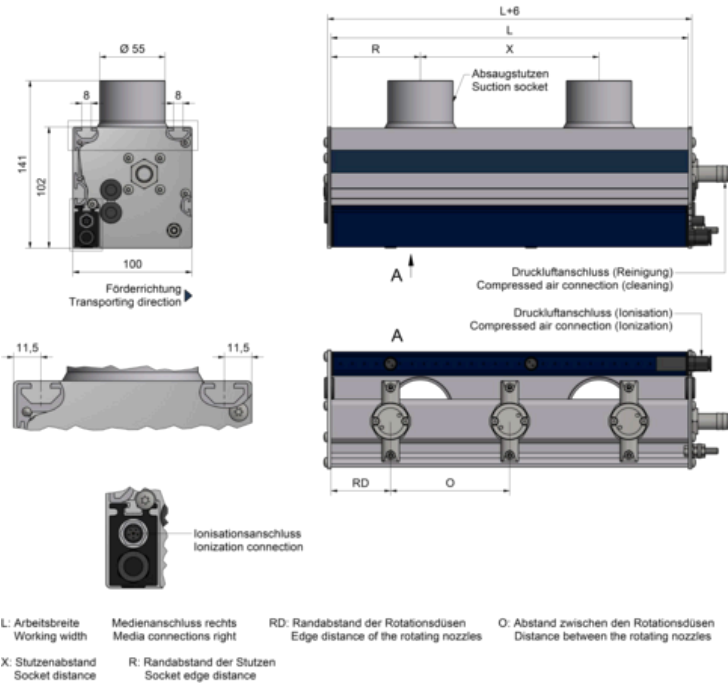
	TC 016	TC 016 CR	TC 016 ESD	TC 016 EX	TC 016 UL
Version	Standard	Cleanroom optimised	ESD applications	EX applications	UL version
Working width	100 - 1500 mm	100 - 1500 mm	100 – 1000 mm	100 - 1500 mm	100 - 1500 mm
Working width increment	100 mm	100 mm	100 mm	100 mm	100 mm
Working distance (min. – max.)	20 - 40 mm	20 - 40 mm	20 - 40 mm	20 - 40 mm	20 - 40 mm
Rotating nozzle type	TCR-7A-070	TCR-7A-070-VA	TCR-7A-070	TCR-7A-070-EX	TCR-7A-070
Operating air pressure for cleaning system (recommended)	1.5 - 3.5 bar	1.5 - 3.5 bar	1.5 - 3.5 bar	1.5 – 3.5 bar	1.5 - 3.5 bar
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	55 mm	55 mm	55 mm	55 mm	55 mm
Type Ionisation	1x PB55	1x PB55CR	1x SIP25	1x PB55EX	1x PB55UL
Ambient temperature (min. – max.)	5 – 50 °C	5 – 50 °C	5 – 50 °C	5 – 50 °C	5 – 50 °C
Weight at minimum working width	1.2 kg	1.2 kg	1.2 kg	1.2 kg	1.2 kg
Weight per additional working width increment	1.0 kg	1.0 kg	1.0 kg	1.0 kg	1.0 kg
Conveying direction (uni-/bi-/multidirectional)	one-directional	one-directional	one-directional	one-directional	one-directional

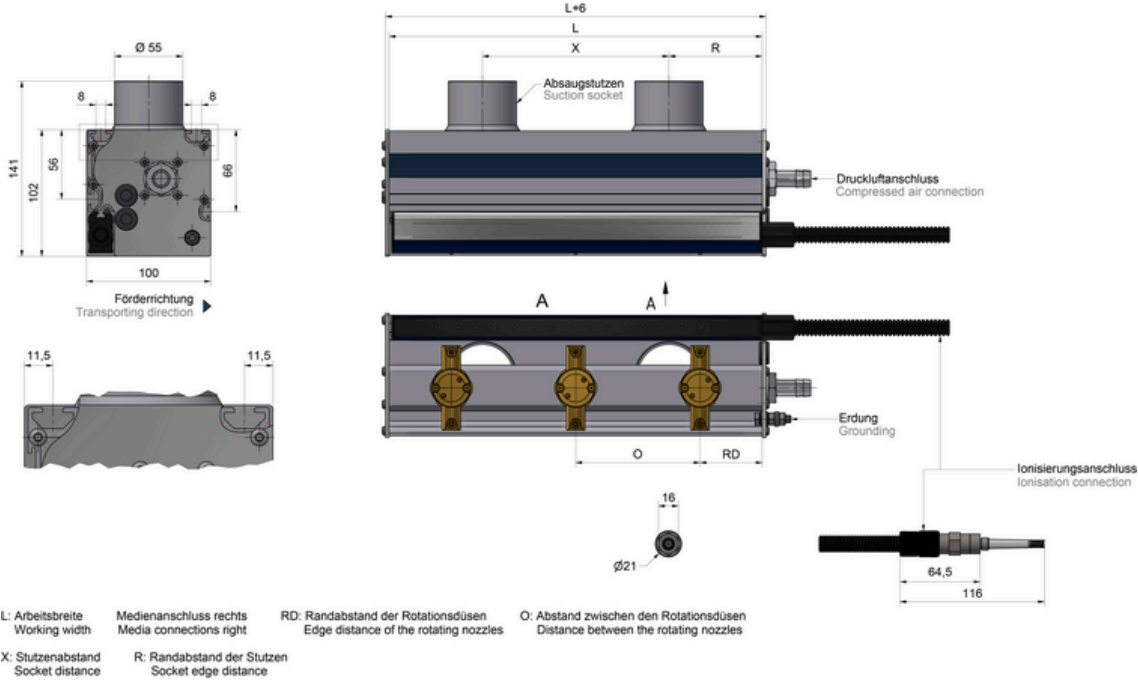
Technical Drawings

TC016



TC016 ESD



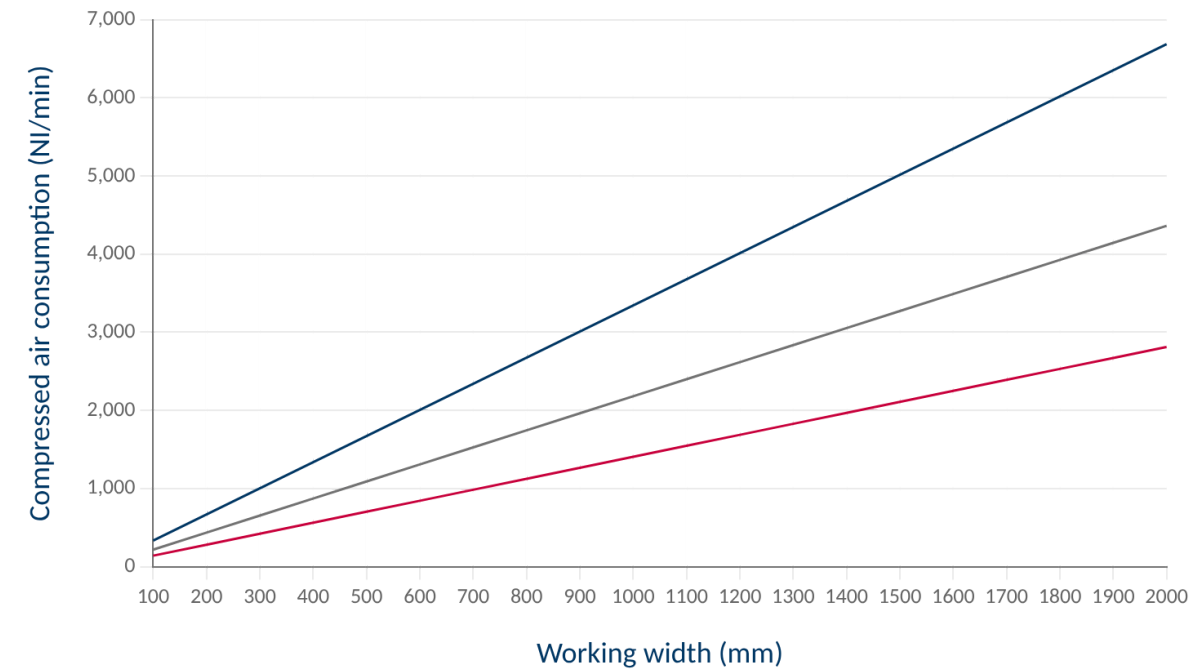


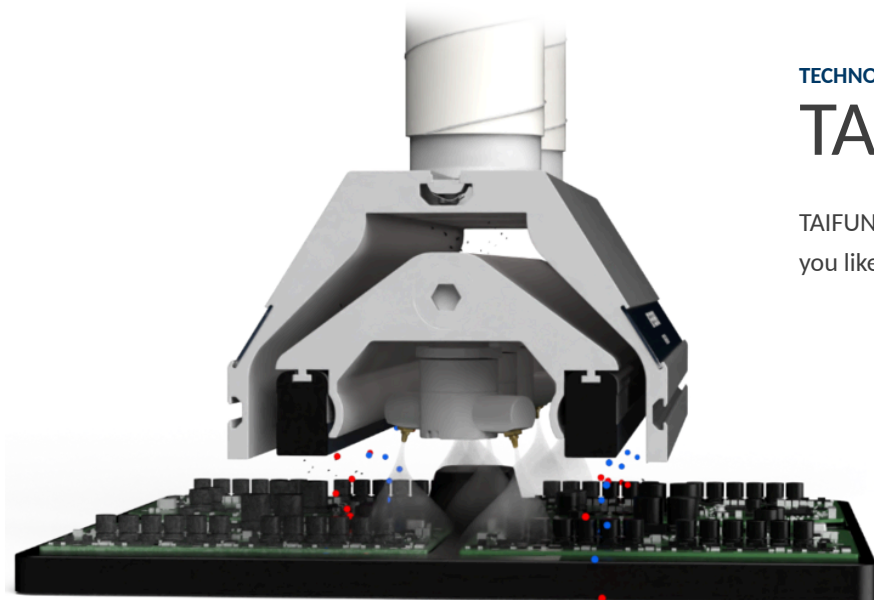
Air Consumption

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





TECHNOLOGY

TAIFUN-CLEAN®

TAIFUN-CLEAN® begins where others have reached their limits. Would you like to learn more about the technology behind our product?

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 suction hoses



Accessories for output air components



ION CHECK

Function tester for testing ionisation systems