

TAIFUN-CLEAN® 04

Surface cleaning system for 3D components, without suction



Key Facts

- ✓ **Compact cleaning system** for integrating into new and existing plants
- ✓ **Integrated ionisation** to neutralise electrostatic surface charges
- ✓ **Can be used in the laminar stream** thanks to its open construction
- ✓ **For structured components** and complex component geometries

Product Description

TAIFUN-CLEAN® 04 has been specially developed for cleaning three-dimensional components in laminar flow applications. A suction system can be arranged at the side or below the cleaning system as needed.

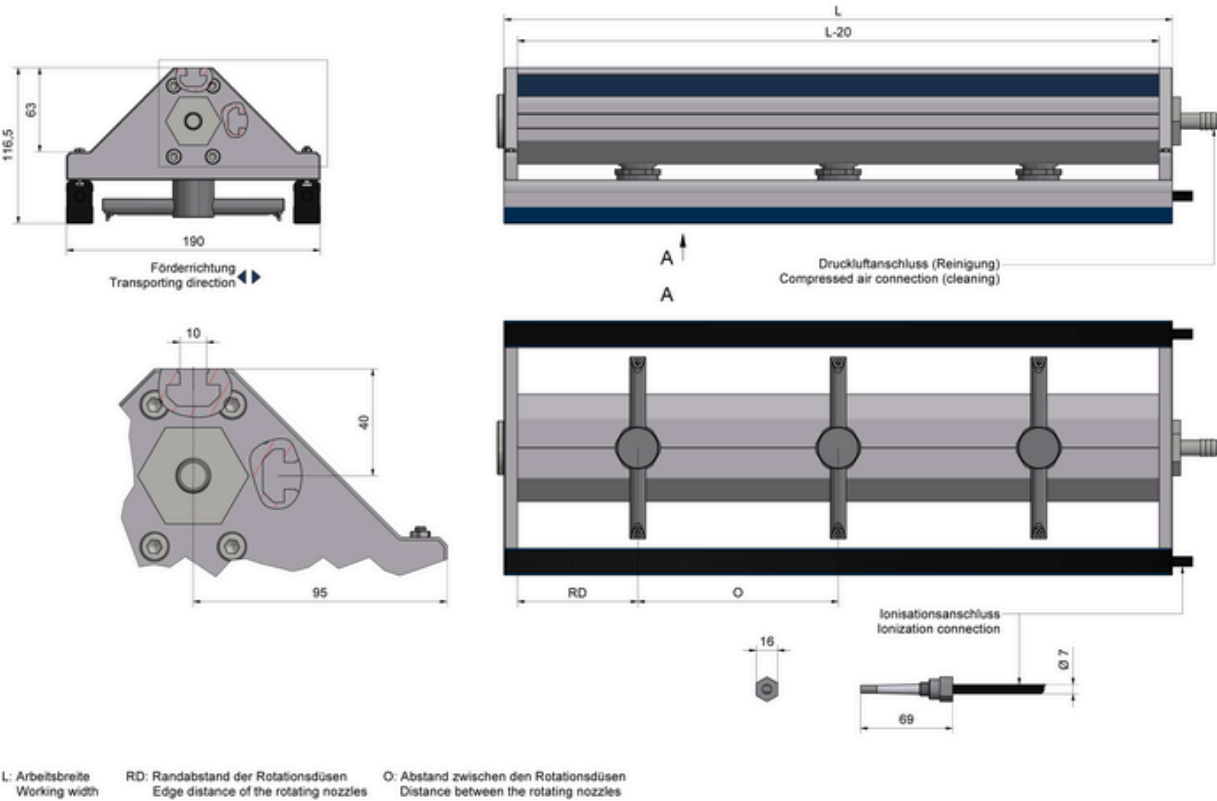
- Contactless cleaning protects the material surface
- Ionisation system contact-voltage proof for users
- Individual working widths for precise integration
- Additional variants available: ESD, EX, UL

Technical Data

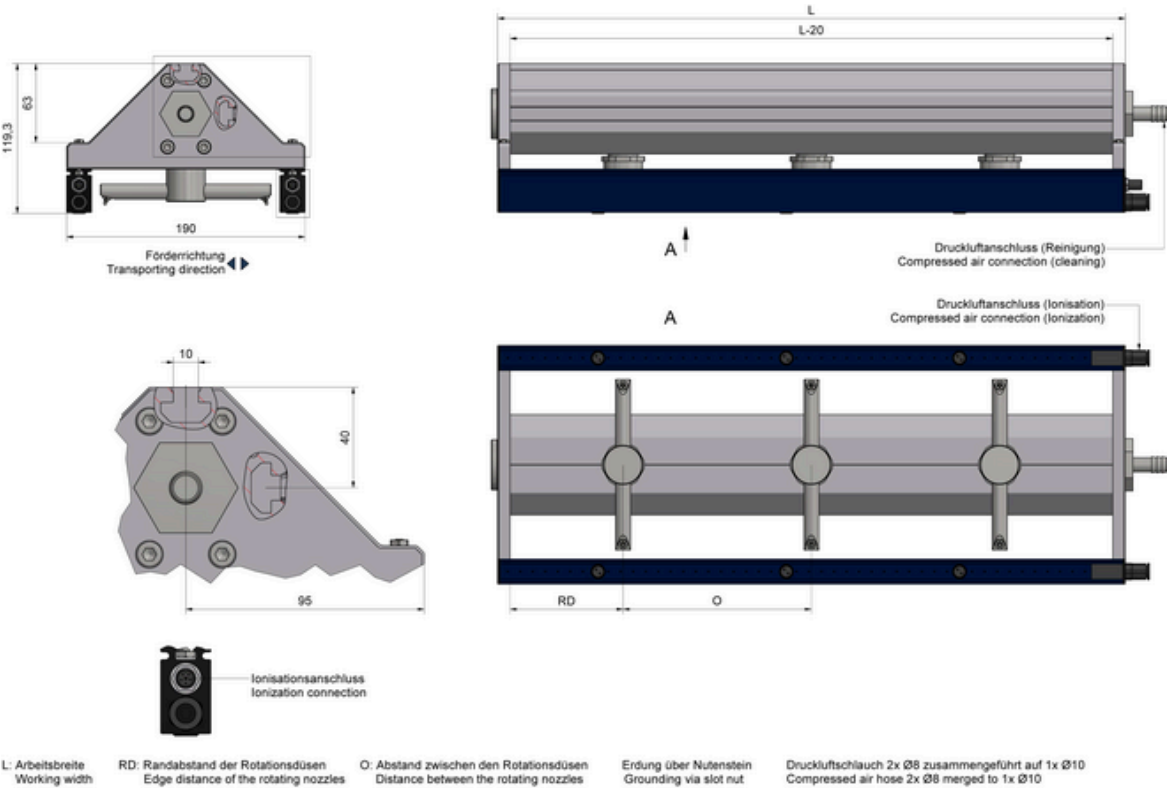
	TC04	TC04ESD	TC04EX	TC04UL
Version	Standard	ESD applications	EX application	UL version
Working width	200 - 2000 mm	200 – 1000 mm	200 - 2000 mm	200 - 2000 mm
Working width increment	150 mm	150 mm	150 mm	150 mm
Working distance (min – max)	20 - 70 mm	20 - 70 mm	20 - 70 mm	20 - 70 mm
Rotating nozzle type	TCR-7A-130	TCR-7A-130	TCR-7A-130-EX	TCR-7A-130
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
Operating air pressure Cleaning min - max	1.0 - 5.0 bar	1.0 - 5.0 bar	1.0 - 5.0 bar	1.0 - 5.0 bar
Ionisation type	2 × PB55	2 × SIP25	2 × PB55EX	2 × PB55UL
Working temperature (min. - max.)	5 – 50 °C	5 – 50 °C	5 – 50 °C	5 – 50 °C
Weight at minimum working width	2.5 kg	2.5 kg	2.5 kg	2.5 kg
Weight per additional working width increment	1.3 kg	1.3 kg	1.3 kg	1.3 kg
Conveying direction (uni-/bi-/multidirectional)	bi-directional	bi-directional	bi-directional	bi-directional

Technical Drawings

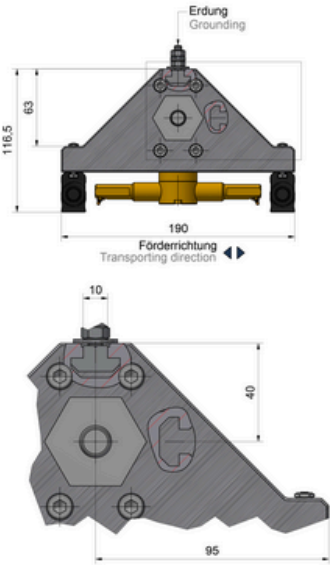
TC04



TC04ESD



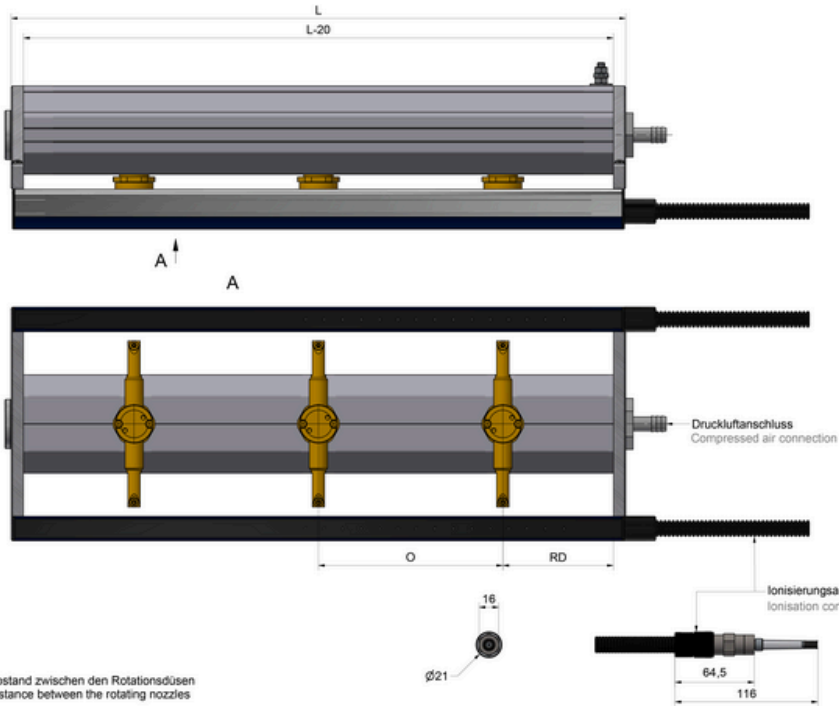
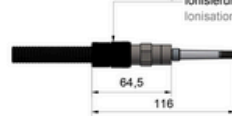
TC04EX



L: Arbeitsbreite
Working width

RD: Randabstand der Rotationsdüsen
Edge distance of the rotating nozzles

O: Abstand zwischen den Rotationsdüsen
Distance between the rotating nozzles

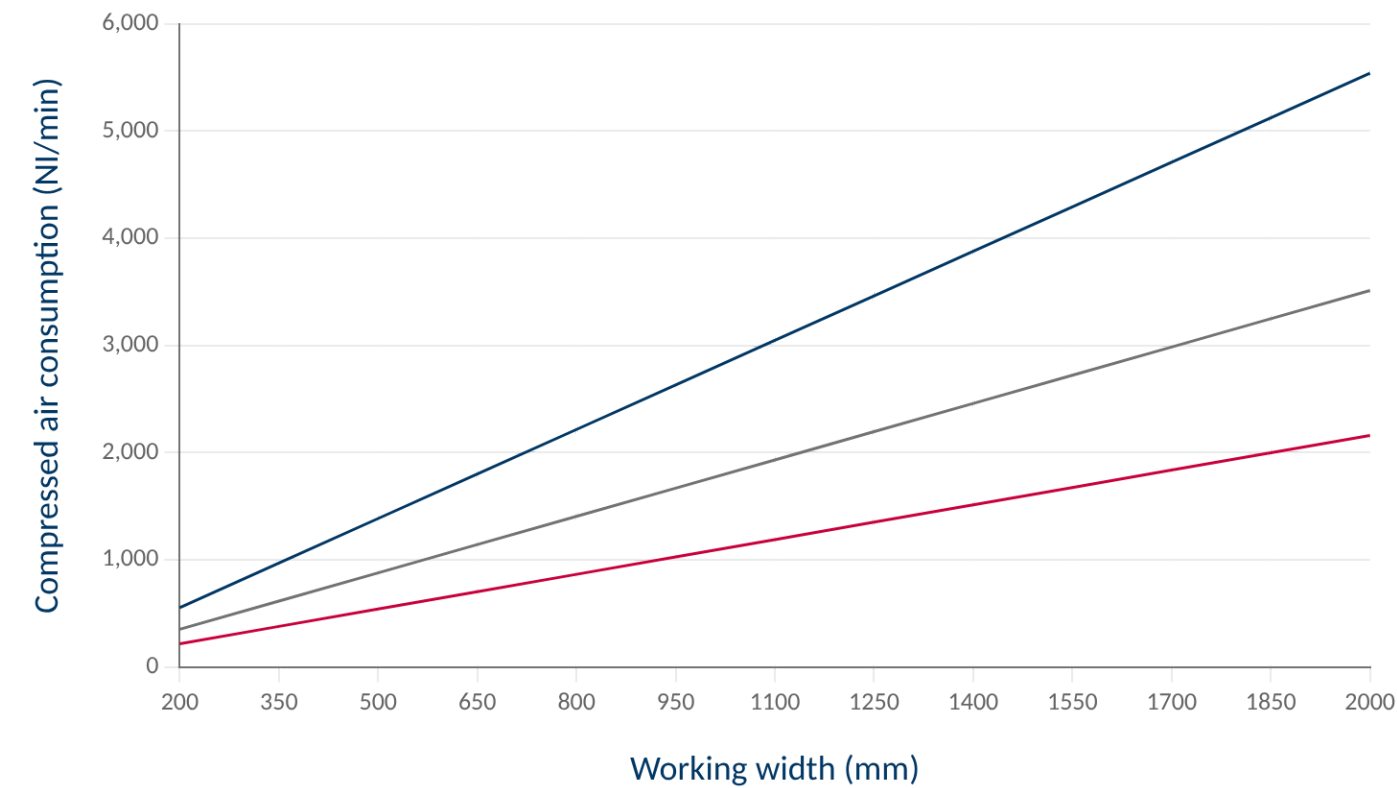


Air Consumption

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

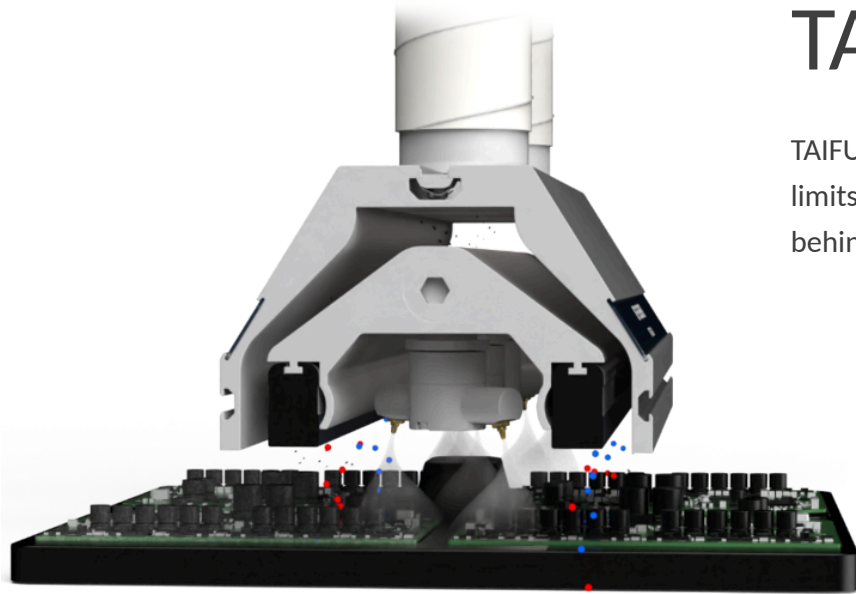


ESD version: Max. working width 1,000 mm; additional compressed air consumption for ionisation 2 ×
PRECISION BAR 25

TECHNOLOGY

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



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