

ELEPHANT FIX 100

Manual cleaning unit for workstation installation



Key Facts

- ✓ **For fixed installations at workstations**
- ✓ **Hands-free:** facilitates a smooth workflow
- ✓ **Integrated ionisation to neutralise electrostatic surface charges**
- ✓ **Integrated suction channel** for transporting the loosened particles to the suction unit
- ✓ **More power and better economy** - Excellent cleaning results with **pulsating compressed air**

Product Description

Components are routed through the brush of the permanently installed ELEPHANT FIX. Dust and particles are loosened from the surface by pulsating compressed air jet from multijet nozzles, taken over reliably by the suction and fed into a filter unit. The workplace and the environment remain clean.

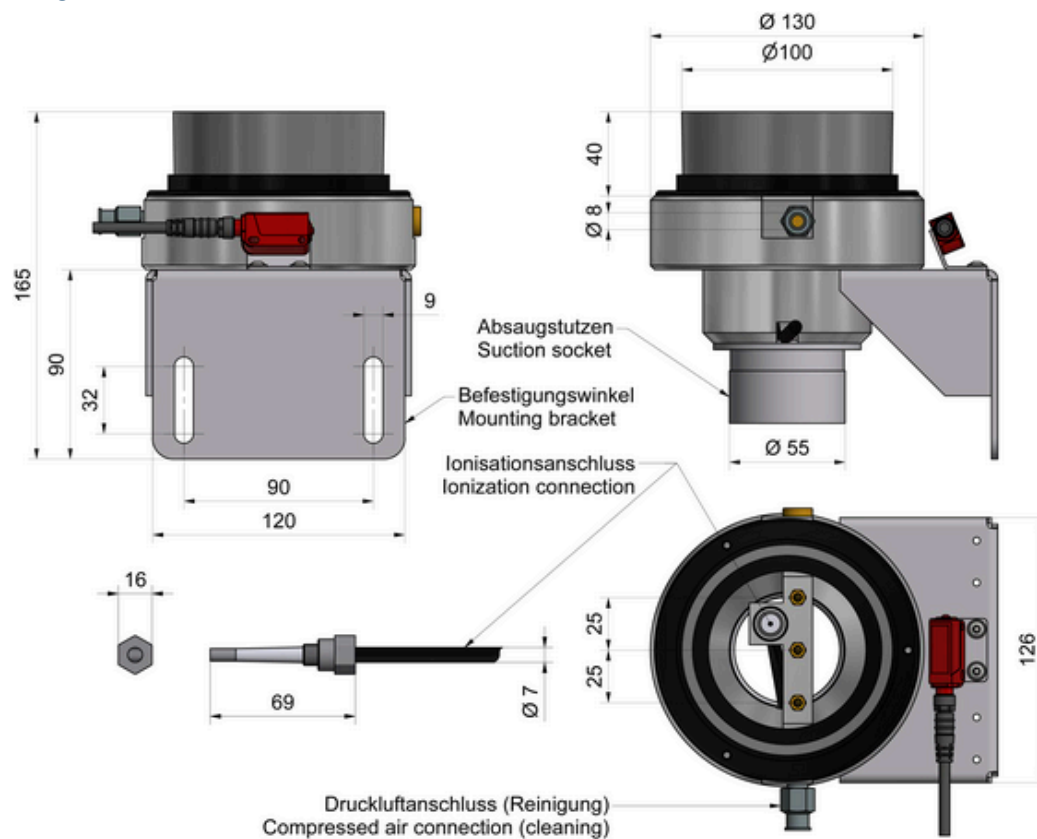
- Round brush for optimum component protection and channelling the output air flow
- Built-in ionisation system, safe to the users' touch
- Optical sensor for activating the compressed air
- Simple brush replacement
- Various round brush models available
- Suction and control via KIST + ESCHERICH supply unit
- 50% lower cost compared to continuous compressed air supply, thanks to compressed air pulsing

Technical Data

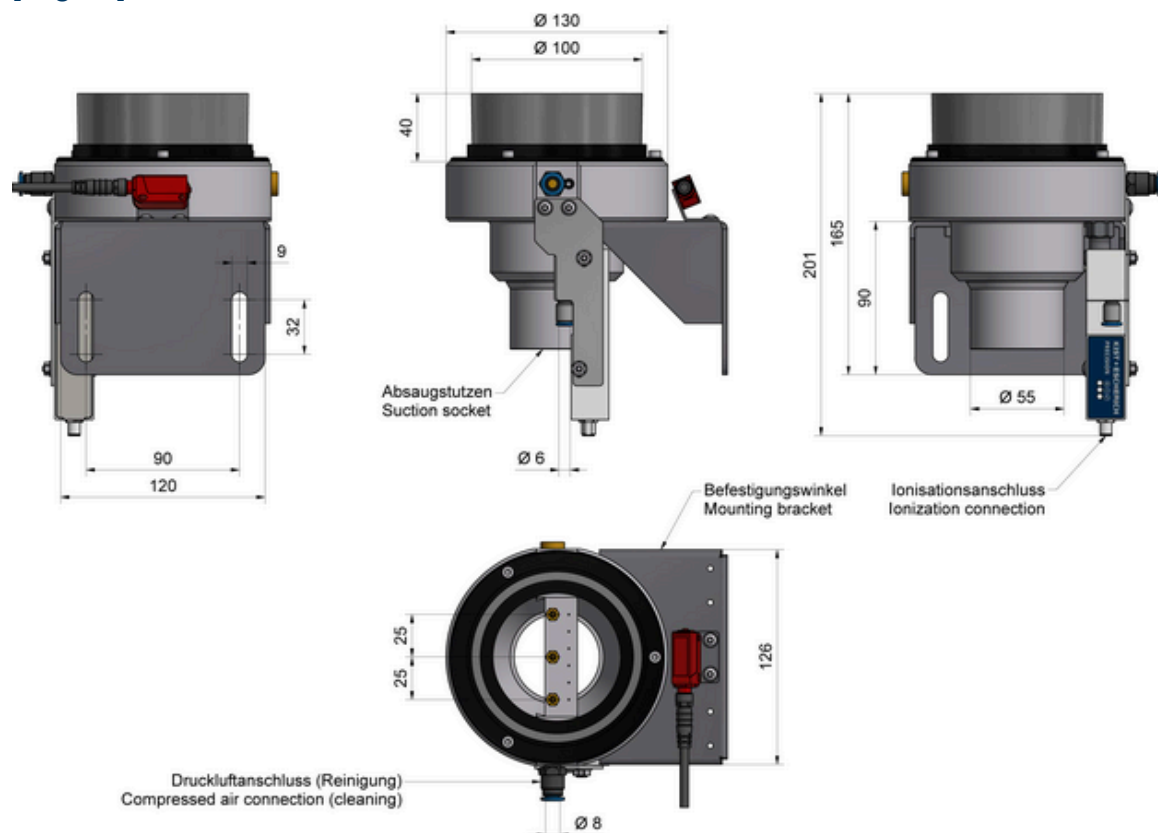
	ELFIX100	ELFIX100ESD
Version	Standard	ESD application
Working width	100 mm	100 mm
Working distance (min. – max.)	determined by the choice of brush	determined by the choice of brush
Operating air pressure for cleaning system (recommended)	0.5 - 2.0 bar	0.5 - 2.0 bar
Operating air pressure for cleaning system (min. – max.)	0.5 - 2.0 bar	0.5 - 2.0 bar
Type compressed air connection for the cleaning system	Ø 8 mm	Ø 8 mm
Diameter of the suction port	55 mm	55 mm
Type Ionisation	1× SP55	1× SIP
Sensor connection	M8, 4-pole	M8, 4-pole
Ambient temperature (min. – max.)	5 - 45 °C	5 - 45 °C
Weight	1.0 kg	1.0 kg
Length cable and hose package (standard)	3.0 m	3.0 m
Conveying direction (uni-/bi-/multidirectional)	multidirectional	multidirectional

Technical Drawings

[English] ELFIX100



[English] ELFIX100ESD



Air Consumption

Compressed air consumption for cleaning

Model	NI/min at operating pressure		
	0.5 bar	1.0 bar	2.0 bar
ELFIX100, continuous air	124	170	262
ELFIX100, pulsating 50:50	62	85	131
ELFIX100ESD, continuous air	124	170	262
ELFIX100ESD, pulsating 50:50	62	85	131

Compressed air consumption for ionisation (for ESD variant)

Model	NI/min at operating pressure				
	0.5 bar	1.0 bar	2.0 bar	3.0 bar	4.0 bar
EL100 ESD	30	45	65	90	110

TECHNOLOGY

ELEPHANT

The powerful ELEPHANT suction is the ideal solution for hand-held applications. Discover the technology behind it.



Related Products



POWER UNIT 60

Powerful HV power supply
for KIST + ESCHERICH
ionisation systems



AIR CONTROL

Control module for pulsating
compressed air



ES 42

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



Accessories for brushes