

ELEPHANT 180

Hand-operated cleaning device with suction



Key Facts

- ✓ **Vertical handle plate** for standing and seated workstations
- ✓ **More power and better economy** - Excellent cleaning results with **pulsating compressed air**
- ✓ **Integrated ionisation to neutralise electrostatic surface** charges with precision
- ✓ **Round brush** for optimum component protection and channelling the output air flow
- ✓ **Integrated suction channel** for transporting the loosened particles to the suction unit

Product Description

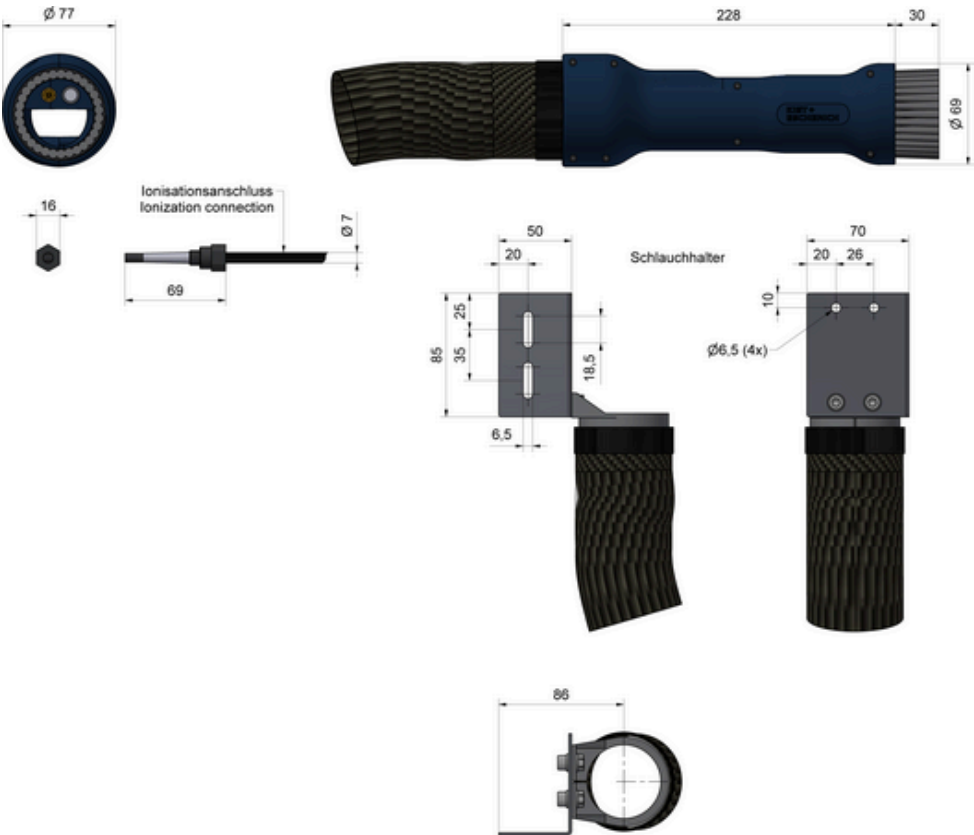
Dust and particles are loosened from the surface by pulsating compressed air jet from multijet nozzles, taken over reliably by the suction and fed into a filter unit. The workplace and the environment remain clean. (High cleaning efficiency and 50 % cost savings compared to a continuous compressed air supply approach).

- Suction and control via KIST + ESCHERICH supply unit
- Ergonomic handle plate
- Ionisation system contact-voltage proof for users
- Hose routing from above
- Simple brush replacement
- Handle with integrated sensor for activation of the compressed air
- Different cleaning brushes available

Technical Data

	EL180
Intended use	Standard
Working width	60 mm
Operating pressure for cleaning system recommended	0.5 - 0.8 bar
Operating air pressure for cleaning (min. - max.)	0.5 - 2.0 bar
Type compressed air connection for the cleaning system	Ø 6 mm
Diameter suction hose	40 mm
Ionisation type	1x SP55
Sensor connection	M8, 3-pole
Working temperature (min. - max.)	5 - 45 °C
Humidity (min. - max.)	0 - 65 %RH
Weight	0.35 kg
	(without hose and cable package)
Length cable and hose package standard	3 m
Conveying direction (uni-/bi-/multidirectional)	multidirectional

Technical Drawings



Air Consumption

	NI/min at operating pressure		
	1.0 bar	1.5 bar	2.0 bar
Pulsating compressed air (50:50)	30	35	45
Continuous compressed air	60	70	90

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