SE-ACN Nozzle AC Antistatic Bar

AC ionization plus high-velocity air jets — removes dust and separates static-stuck parts in one step



KEY DATA

Output
5.5 kV (SE-ACN-55) · 8 kV (SE-ACN-80)

Ionization + air range
Up to 600 mm

Max. line speed
500 m/min

Ordering length
100 – 2500 mm in 100 mm steps

Overview

The FÖGE SE-ACN is a nozzle AC antistatic bar that combines high-voltage AC ionization with high-velocity compressed air jets from a row of nozzles along the bar body. It does two things at once: it neutralises the electrostatic charge on the target surface, and its focused air blast physically removes the dust and particles that the static was holding in place — or provides the force needed to separate parts that stick together.

Key features

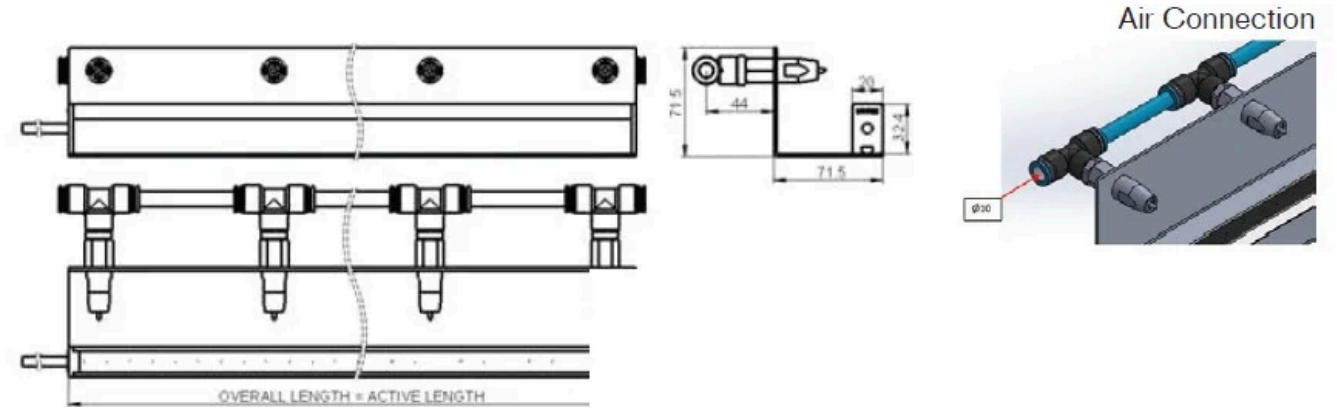
- Dual action: AC ionization + high-velocity air jets from nozzles
- Two voltage variants: SE-ACN-55 (5.5 kV) and SE-ACN-80 (8 kV)
- Ionization + air range up to 600 mm
- Effective at line speeds up to 500 m/min
- Removes dust, particles and surface contamination
- Air force separates static-stuck parts: sheet separation, mould release
- Shockless design · stainless steel emitter pins
- Washable design · screened HFFR-protected cable
- Up to 4 bars per SE-PAC power unit

Technical specifications

Variants	SE-ACN-55-xxxx (5.5 kV) · SE-ACN-80-xxxx (8 kV)
Compatible power unit	SE-ACN-55: SE-PAC-55-2-C / SE-PAC-55-4-C · SE-ACN-80: SE-PAC-80-2-C / SE-PAC-80-4-C
Output	5.5 kV (SE-ACN-55) · 8 kV (SE-ACN-80)
Ionization type	High voltage AC — shockless
Ionization + air range	Up to 600 mm
Max. line speed	500 m/min
Ordering length	100 – 2500 mm in 100 mm steps
Air connection	10 mm hose
Air pressure — dry filtered air	5 bar (8 bar max.)
Emitter pin material	Stainless steel — long service life

Cable	C2: 2 m HFFR-protected cable with HV connector
Bars per power unit	Up to 4 per SE-PAC power unit, within 12 m total length of cables and bars
Environment	0 – 50 °C · max. 70 % rH
Noise level	< 40 dBA
Safety	Shockless, pin current < 250 µA · transformer current max. 5 mA (with fuse)
Housing	Washable, industrial-grade
EMC compliance	2014/30/EU — EMC Directive
Electrical safety	2014/35/EU — Low Voltage Directive

Dimensional drawing



Dimensional drawing of the SE-ACN nozzle AC antistatic bar: overall length equals active length, profile 71.5 × 71.5 mm, nozzle row, ⌀ 10 mm air connection

Complete system — what you need

SE-ACN-55 or SE-ACN-80 bar (specify length)	Choose the voltage variant and order the required length
SE-PAC-55-2-C / SE-PAC-55-4-C	Required for the SE-ACN-55
SE-PAC-80-2-C / SE-PAC-80-4-C	Required for the SE-ACN-80
Compressed air supply	Dry, filtered compressed air at 5 bar (8 bar max.) via 10 mm hose
SE-CAB-AC-1 extension cable (optional)	Non-standard cable lengths in 1 m steps within the 12 m total length per power unit

Product information and ordering: sales@fogegmbh.com · +49 9372 9809477 · foge-antistatic.com