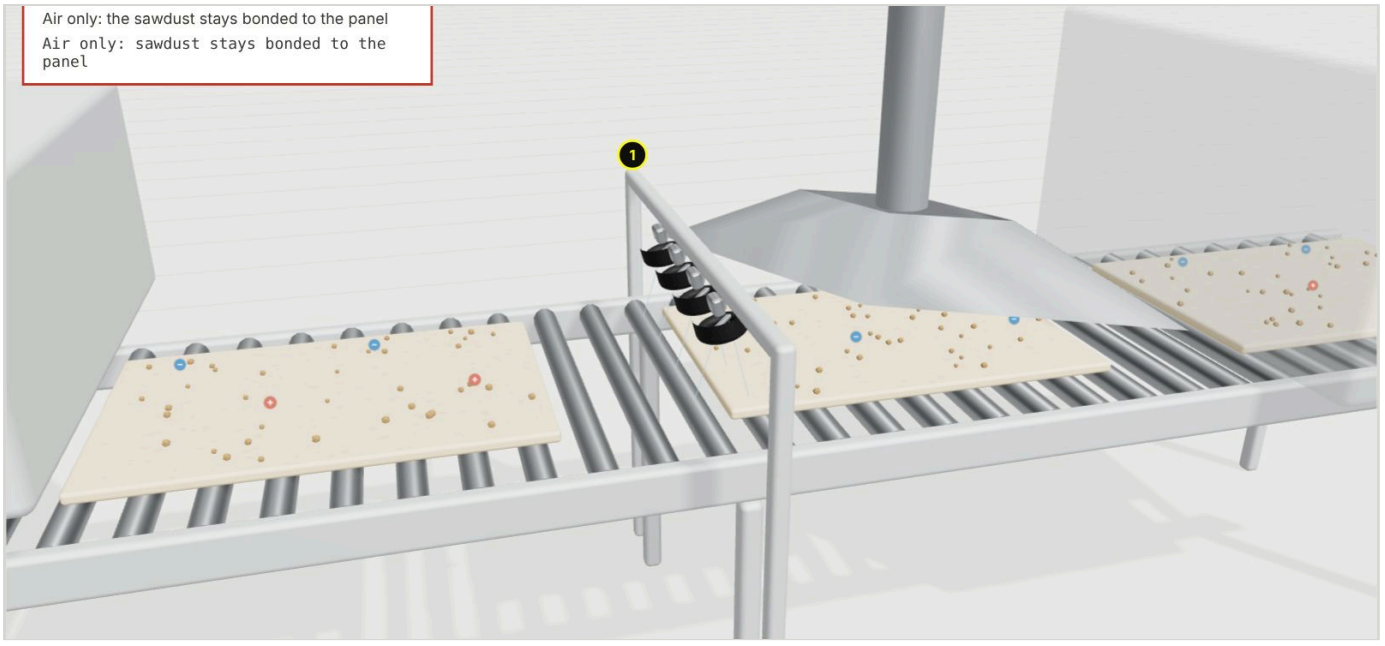
STATIC ELECTRICITY PRODUCTS · APPLICATION

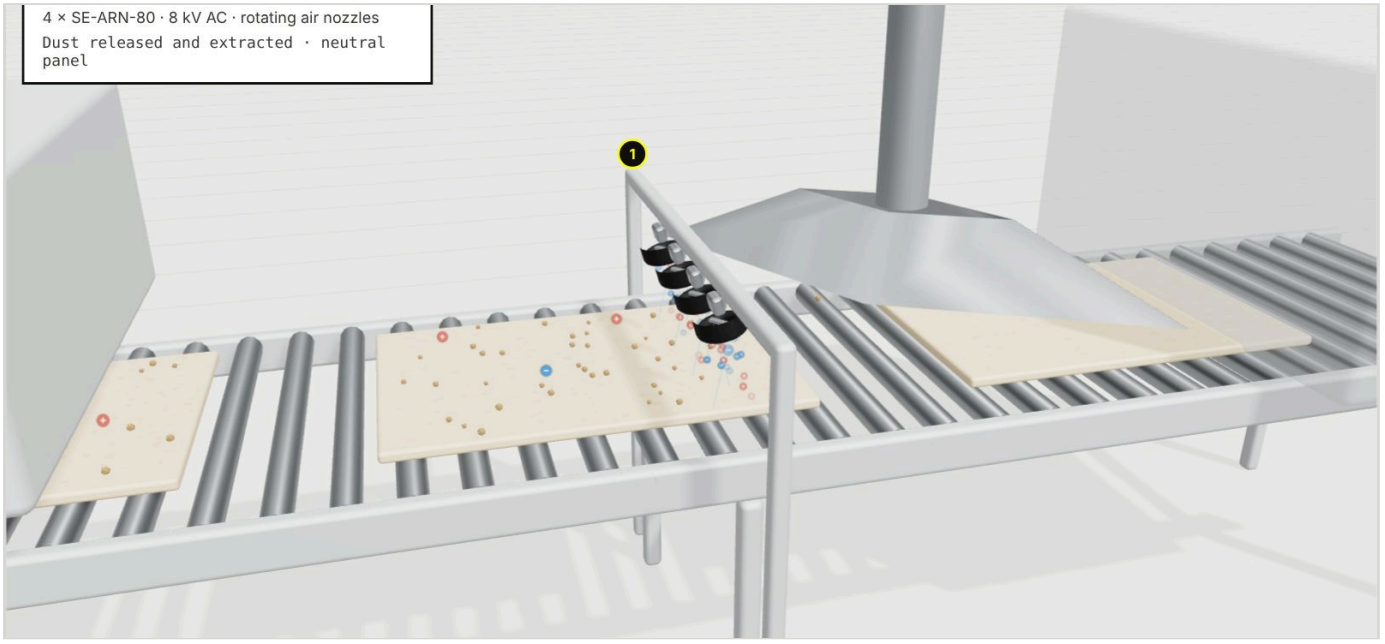
Wood panel cleaning & pre-coating preparation with SE-ARN-80

MDF, chipboard and solid wood panels charge up strongly during sanding and conveying. The charge bonds fine sawdust to the surface — brushes and plain air blasts cannot release it, and the dust causes pinholes, bumps and poor adhesion in the coating. A row of SE-ARN-80 rotating ionizing air nozzles across the conveyor floods the panel surface with ionized air: the charge is neutralised, the dust is released and the air sweeps it into the collection hood, leaving a clean, neutral surface for coating.

WITHOUT IONIZATION



WITH SE-ARN-80



FÖGE product in this application

1 · SE-ARN-80-112-C3-PA — across the conveyor

Four nozzles on a rail across the conveyor, about 160 mm above the panels; together they cover the full panel width. Up to 4 units run on one SE-PAC-80-4-C power unit.

Ionization	**8 kV AC · shockless**
Rotary nozzle	**Body ⌀ 70 mm · nozzle hole ⌀ 1.8 mm**
Protection	**IP66 — fully sealed**
Power unit	**SE-PAC-80-2-C / SE-PAC-80-4-C**

SE-ARN-80 details Request technical quote

Also suitable for wood panel cleaning

Other FÖGE ionizer for this line.

SE-DCN
Pulsed DC Nozzle Antistatic Bar

11 kV pulsed DC · up to 600 mm · ⌀ 10 mm air hose

Interactive 3D model: switch between both states, rotate and zoom.

foge-antistatic.de/applications/wood-panel-cleaning-se-arn-80/

Schematic model, not to scale. Machines and parts are generic — no specific manufacturer or brand. Product data as published on foge-antistatic.de.