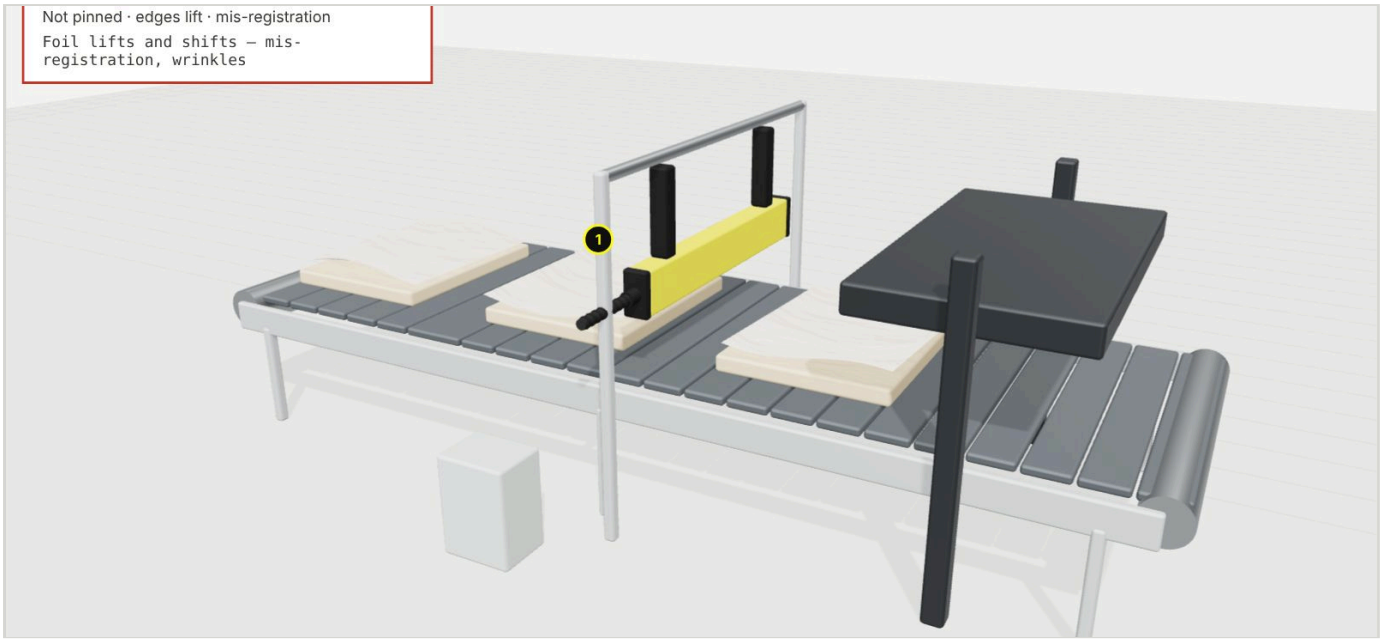
STATIC ELECTRICITY PRODUCTS · APPLICATION

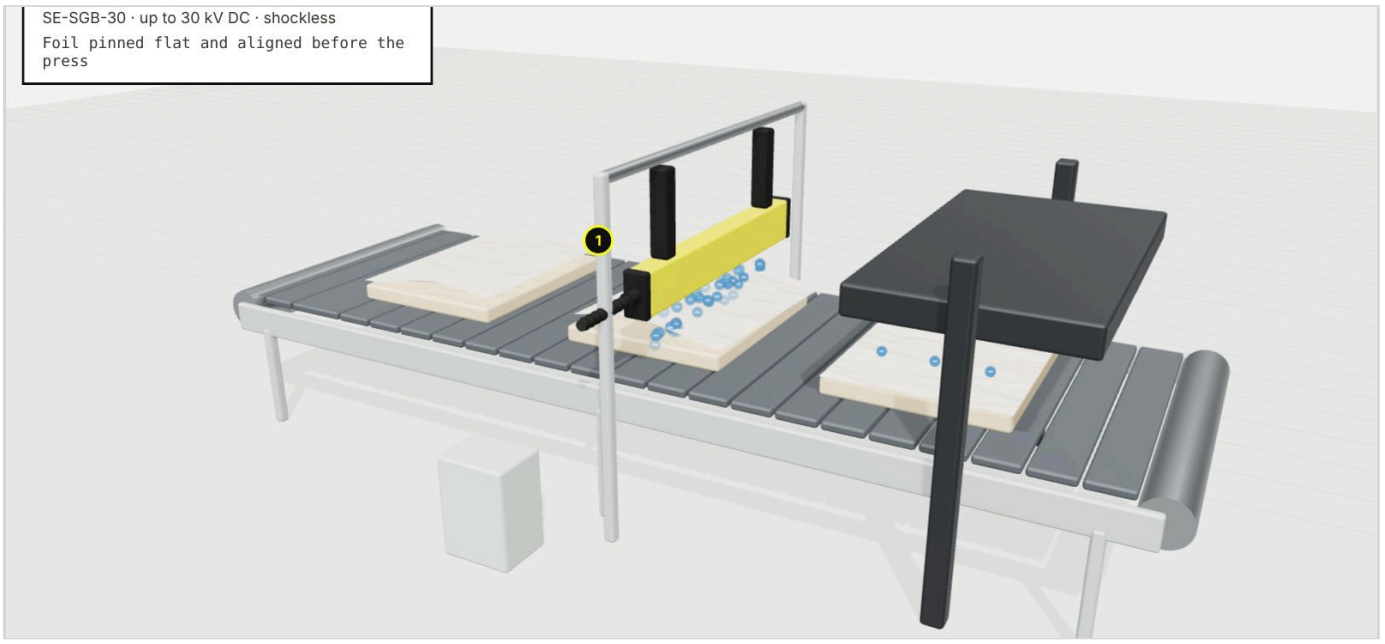
Wood processing — foil pinning with SE-SGB-30

Decorative foil or melamine film has to lie exactly on the wood panel or MDF board until the lamination press closes. Loose foil lifts at the edges, shifts and wrinkles — mis-registration and rejects — and clamps would mark the surface. The SE-SGB-30 static generation bar across the conveyor deposits a controlled, even charge on the foil, pinning it flat and aligned on the panel all the way into the press.

WITHOUT IONIZATION



WITH SE-SGB-30



FÖGE product in this application

1 · SE-SGB-30 — foil pinning on the panels

Across the slat conveyor above the panels; its dual-row emitters deposit one polarity of charge on the foil, which then holds flat and aligned on the panel until the press closes. The SE-SGB-30 charges the material on purpose (pinning) — it is not a static eliminator.

Output voltage	**Up to 30 kV DC · shockless**
Emitters	**Dual row · 15 mm pitch · individually protected**
Generator	**SE-GEN-30N-AC (required) · up to 4 bars**
Ordering length	**100 – 4000 mm**

SE-SGB-30 details **Request technical quote**

Interactive 3D model: switch between both states, rotate and zoom. **foge-antistatic.de/applications/wood-foil-pinning-se-sgb-30/**

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