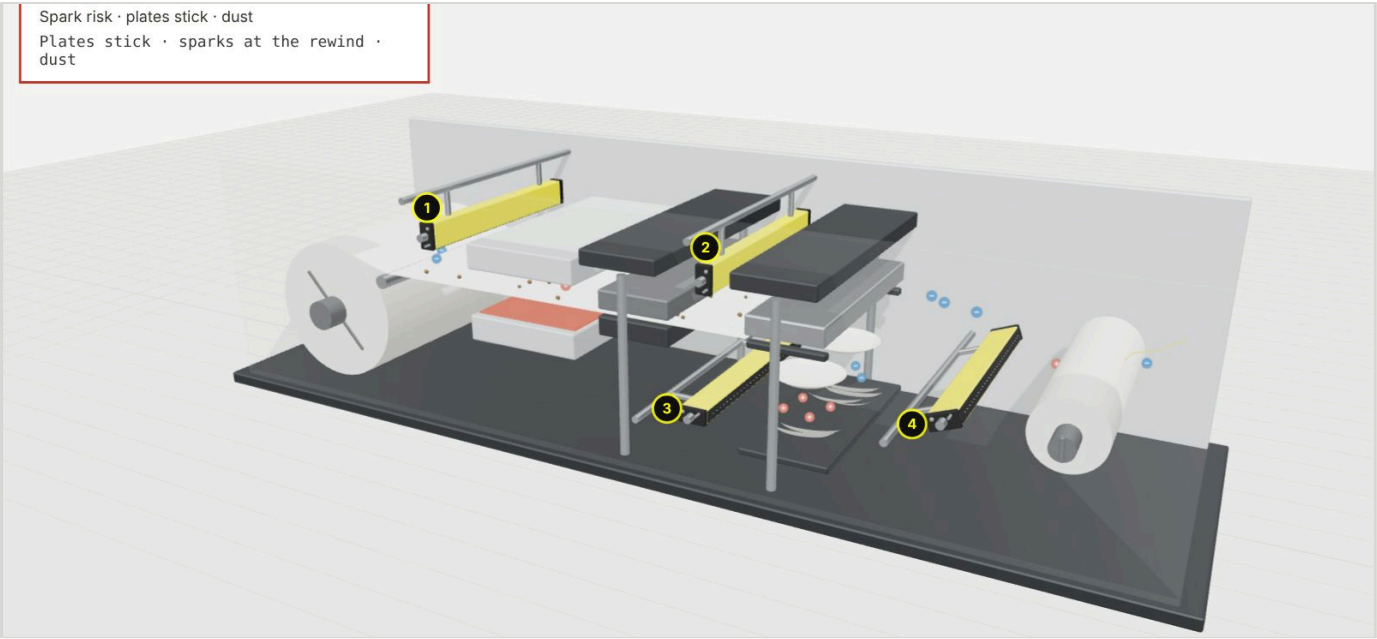
STATIC ELECTRICITY PRODUCTS · APPLICATION

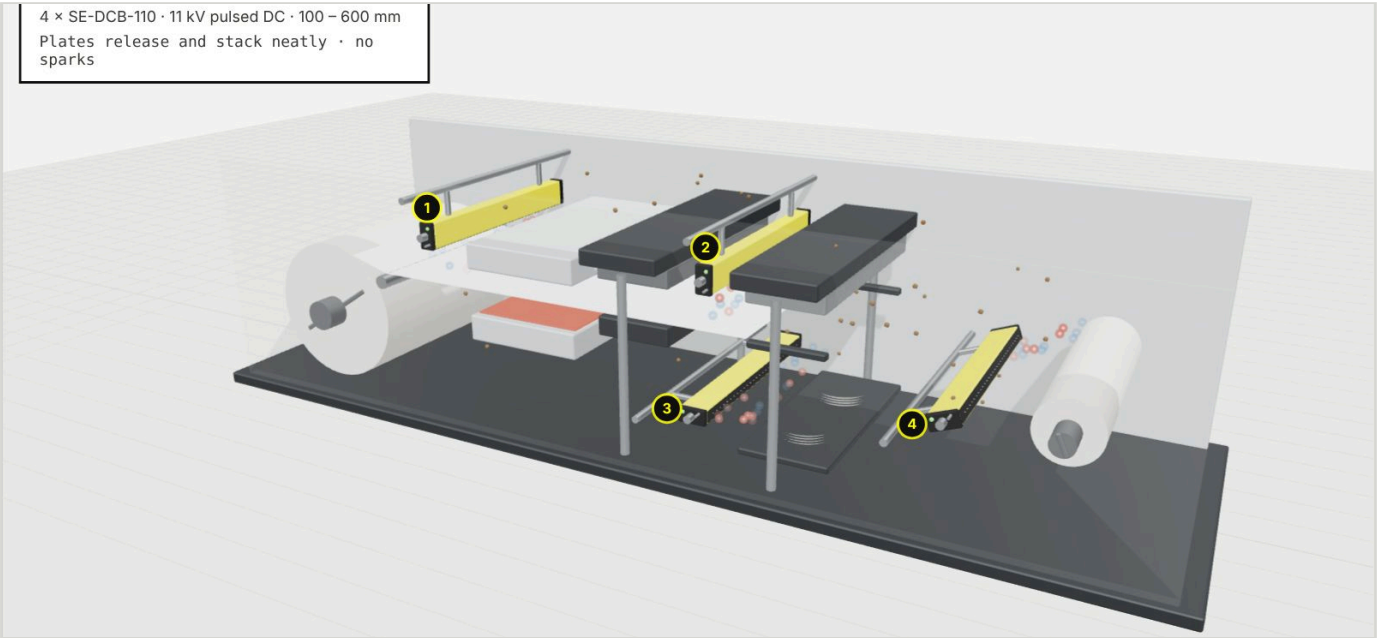
Foam plate thermoforming line with four SE-DCB-110 bars

Foam sheet is an almost perfect insulator and holds static stubbornly. A spark can ignite flammable blowing agents, formed plates stick to the mould and to each other so they cannot be stacked automatically, and the charged foam pulls in dust — a hygiene problem for food packaging. SE-DCB-110 bars at every critical point — after the unwind, between forming and cutting, at the plate stack and at the skeleton rewind — remove the charge so the plates release cleanly, stack neatly and stay dust-free.

WITHOUT IONIZATION



WITH SE-DCB-110



FÖGE products in this application

1 · SE-DCB-110 — unwind

Above the foam sheet after the unwind roll; removes the bulk charge before the oven.

Ionization	**11 kV pulsed DC · shockless**
Ionization range	**100 – 600 mm**

SE-DCB-110 details

2 · SE-DCB-110 — formed sheet

Above the formed sheet between the forming station and the cutting press; the plates release cleanly from the tools.

Ionization	**11 kV pulsed DC · shockless**
Ionization range	**100 – 600 mm**

Request technical quote

3 · SE-DCB-110 — plate stack

Beside the plate stack below the cutting press; the plates fall flat and stack without sticking together.

Ionization	**11 kV pulsed DC · shockless**
Ionization range	**100 – 600 mm**

SE-DCB-110 details

4 · SE-DCB-110 — skeleton rewind

Below the skeleton web, aimed into the nip of the rewind roll — no charge is wound into the roll, no sparks.

Ionization	**11 kV pulsed DC · shockless**
Ionization range	**100 – 600 mm**

Request technical quote

Also suitable for foam thermoforming

Other FÖGE antistatic bars for foam sheet, plates and trays.

SE-DCB-90 Pulsed DC Antistatic Bar – 9 kV	9 kV pulsed DC · shockless · 24 V DC

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

foge-antistatic.de/applications/foam-thermoforming-se-dcb-110/

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