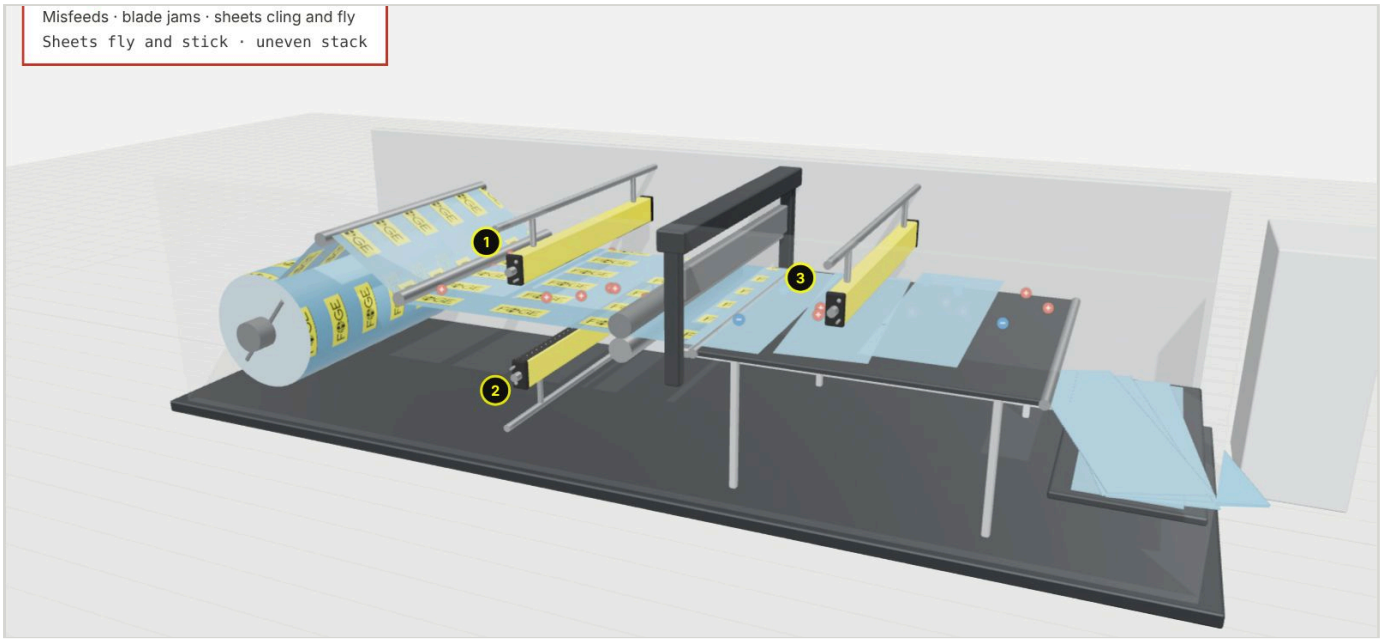
STATIC ELECTRICITY PRODUCTS · APPLICATION

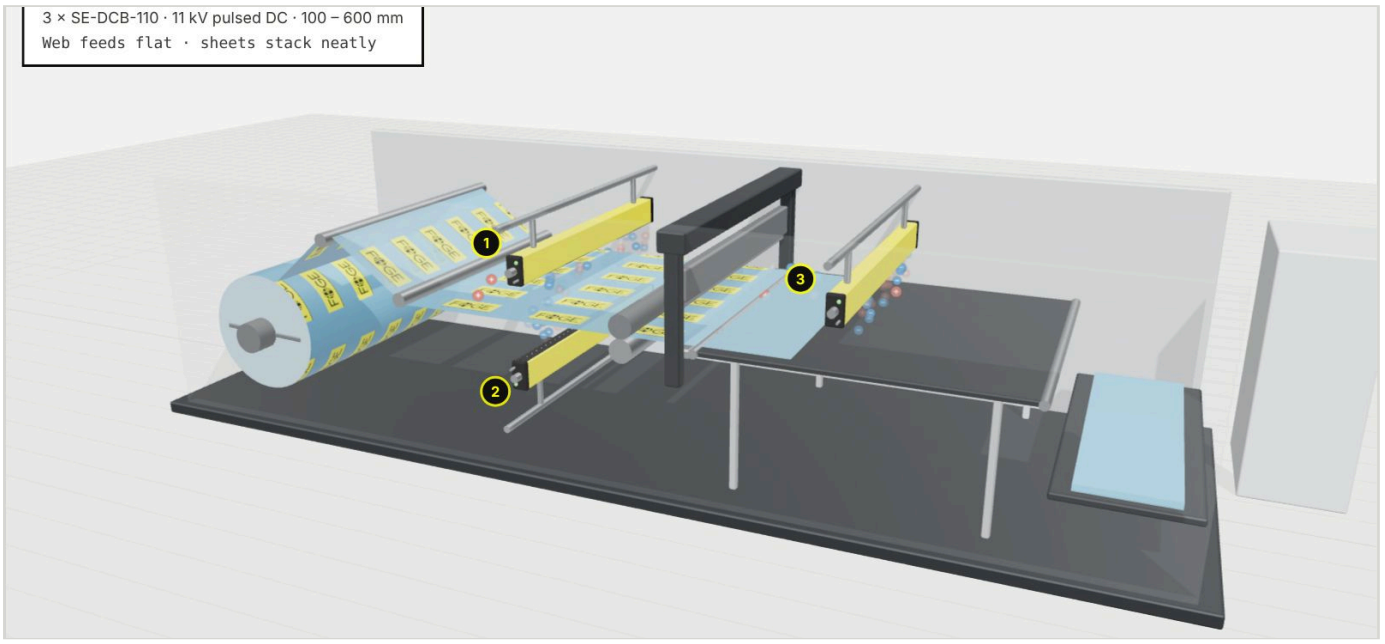
# Cross-cutting / sheeting machine with three SE-DCB-110 bars

Friction from the feed rollers charges the continuous film. The charged web sticks to the feed rolls and the blade — misfeeds, blade jams, inaccurate cut lengths. The cut itself adds new charge: the sheets cling to the exit conveyor, fly around or stick together instead of stacking. Two SE-DCB-110 bars before the blade (top and bottom) neutralise the incoming web; a third SE-DCB-110 after the blade neutralises the cut sheets so they convey and stack neatly.

## WITHOUT IONIZATION




## WITH SE-DCB-110



## FÖGE products in this application

### 1 · SE-DCB-110 — web, top surface

Before the feed rollers and the blade, above the web; pins point down at the top surface.

| | |
|---|---|
| Ionization | **11 kV pulsed DC · shockless** |
| Ionization range | **100 – 600 mm** |
| Ordering length | **300 – 4500 mm (100 mm steps)** |
| Supply | **24 V DC · SE-PSU-24-C-M12** |

SE-DCB-110 details

### 2 · SE-DCB-110 — web, bottom surface

Directly opposite bar 1 below the web; pins point up. The web feeds flat and releases cleanly from the cutting mechanism.

| | |
|---|---|
| Ionization | **11 kV pulsed DC · shockless** |
| Pins | **Tungsten · pin current < 250 µA** |
| Connector | **M12 · 4-pin cable** |
| Protection | **IP65 (with connector)** |

Request technical quote

### 3 · SE-DCB-110 — cut sheets

After the blade, above the exit conveyor; pins point down at the sheets and remove the new charge generated by the cut.

| | |
|---|---|
| Ionization | **11 kV pulsed DC · shockless** |
| Ionization range | **100 – 600 mm** |
| Ordering length | **300 – 4500 mm (100 mm steps)** |

SE-DCB-110 details Request technical quote

## Also suitable for cross-cutting and sheeting

Other FÖGE antistatic bars for cutting film, paper and foil webs into sheets.

| | |
|---|---|
| **SE-ACB-80**<br>High Power AC Antistatic Bar – 8 kV | 8 kV AC · 25 – 250 mm · up to 700 m/min |
| **SE-ACB-55**<br>Compact AC Antistatic Bar – 5.5 kV | 5.5 kV AC · 25 – 100 mm · up to 500 m/min |

Interactive 3D model: switch between both states, rotate and zoom. **foge-antistatic.de/applications/cross-cutting-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.