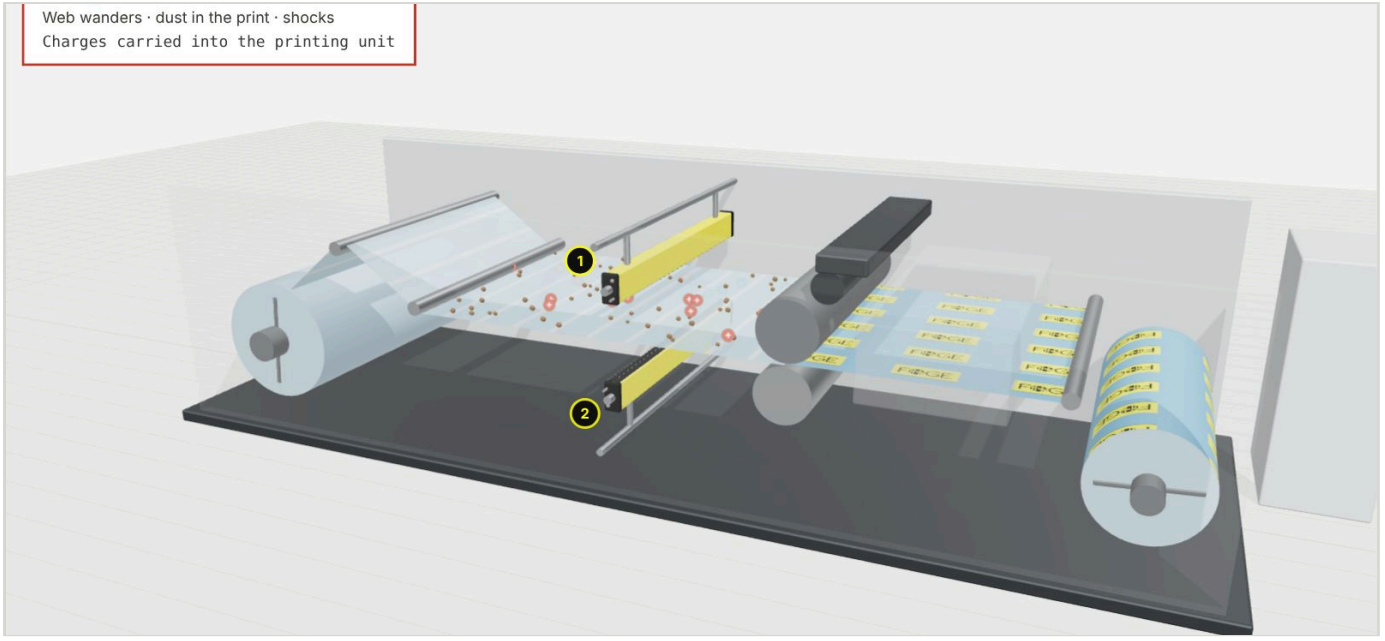
STATIC ELECTRICITY PRODUCTS · APPLICATION

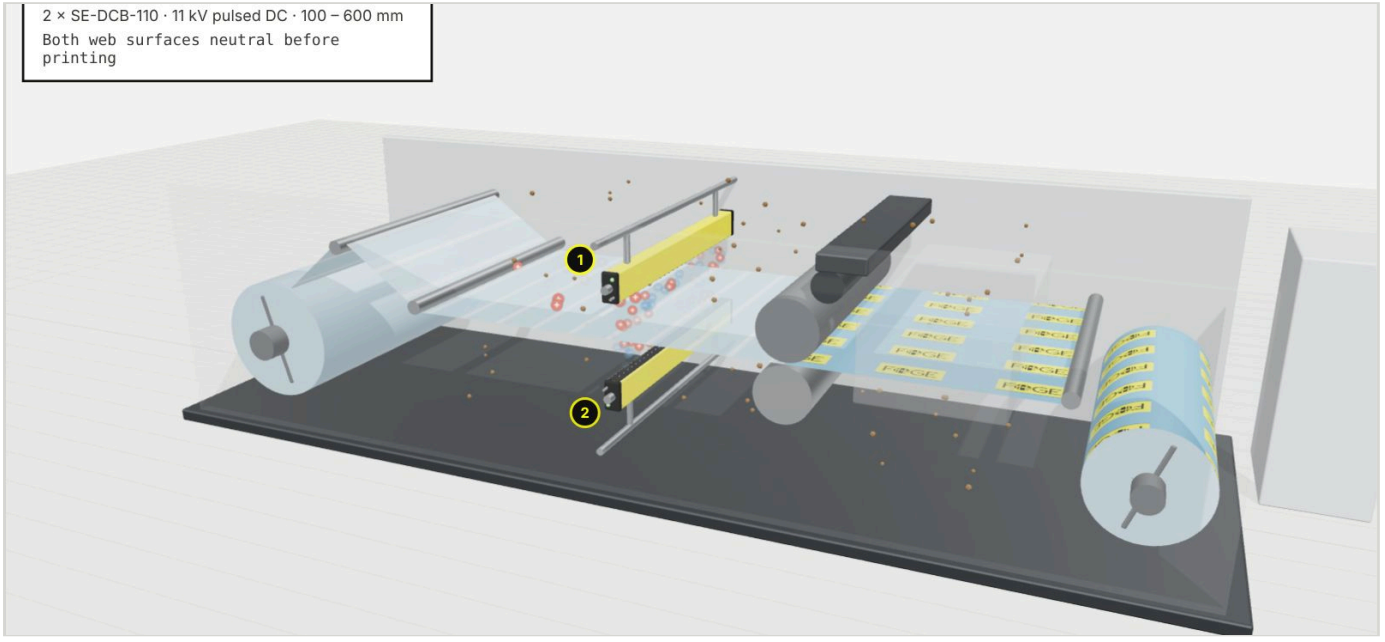
# High-speed web handling / converting line with two SE-DCB-110 bars

Film, paper or foil running at high speed over the rollers of a printing, coating or laminating line charges up on *both* sides. The charged web wanders off track, pulls airborne dust into the print or coating and gives operators shocks. Two SE-DCB-110 bars on opposite sides of the free web span, directly facing each other right before the printing unit, neutralise the top and bottom surface at the same time.

## WITHOUT IONIZATION




## WITH SE-DCB-110



## FÖGE products in this application

### 1 · SE-DCB-110 — top surface

Above the free web span, right before the printing / coating unit; 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 — bottom surface

Below the web, directly opposite bar 1; pins point up at the bottom surface, so both sides are neutralised at the same time.

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

Request technical quote

## Also suitable for converting lines

Other FÖGE antistatic bars for printing, coating, laminating and roll-to-roll converting.

| | |
|---|---|
| **SE-DCA-110**<br>Pulsed DC Antistatic Bar with Compressed Air – 11 kV | 11 kV pulsed DC + air · 25 – 1000 mm · 24 V DC |
| **SE-ACB-80**<br>High Power AC Antistatic Bar – 8 kV | 8 kV AC · 25 – 250 mm · up to 700 m/min |

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