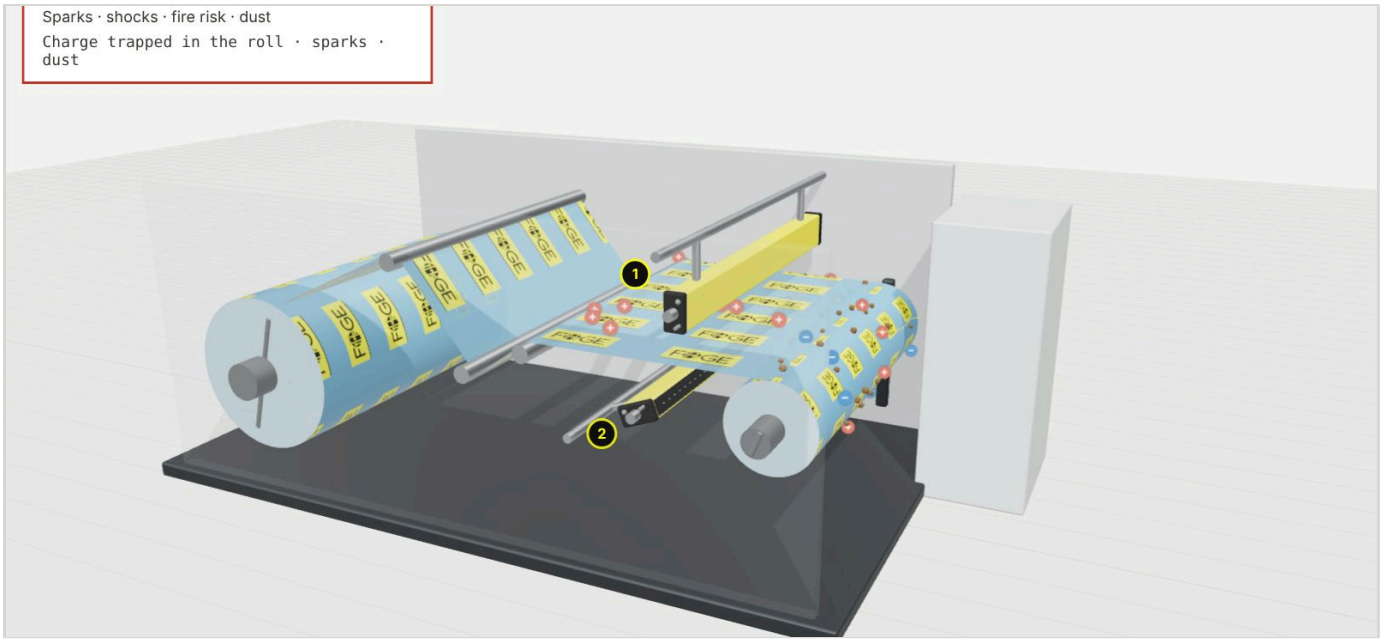
STATIC ELECTRICITY PRODUCTS · APPLICATION

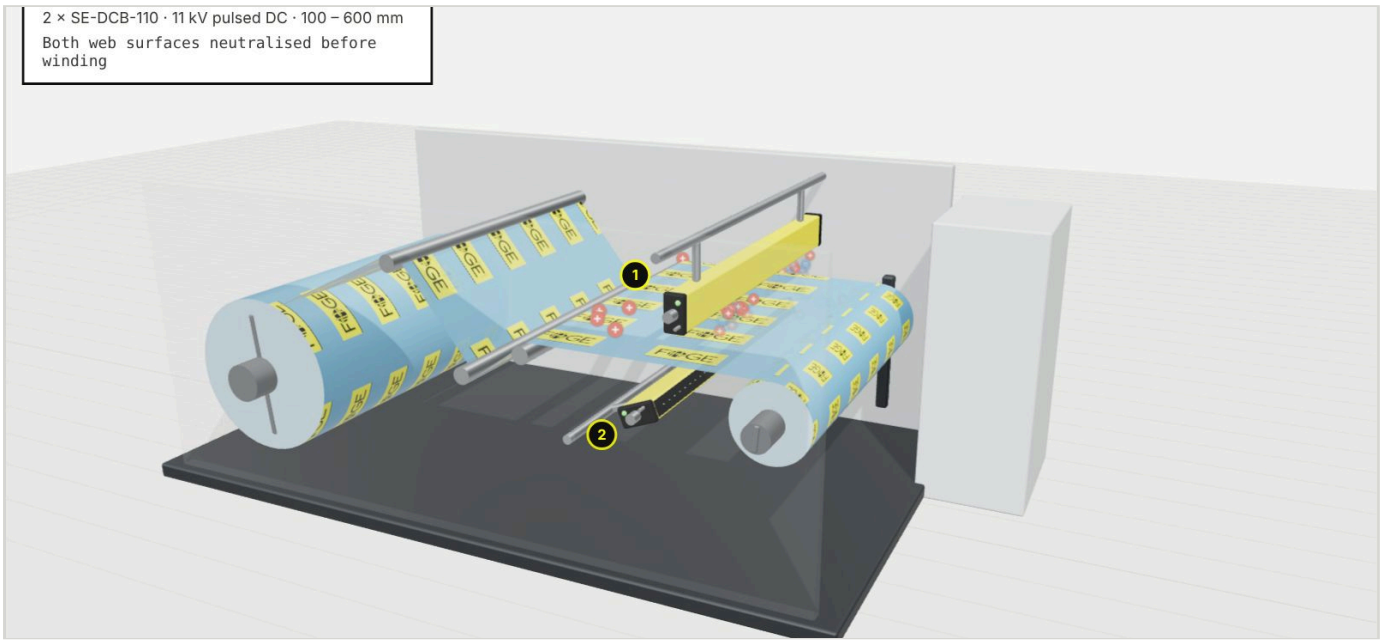
Film winder / rewind station with two SE-DCB-110 bars

Film running over the rollers charges up. Wound into the roll, the charge is trapped layer by layer — the roll becomes a "battery": sparks, operator shocks, fire risk with solvents, dust and blocking when it is unwound. Two SE-DCB-110 bars right before the winding point neutralise both surfaces: one above the web, one below it aimed into the nip where the film meets the roll, where the charge is generated as the film is wound on.

WITHOUT IONIZATION



WITH SE-DCB-110



FÖGE products in this application

1 · SE-DCB-110 — top surface

Above the incoming web, right before the winding point; pins point down at the film.

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, aimed into the nip where the film meets the winding roll — not perpendicular to the film — so the charge generated at the winding point is neutralised as well.

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 film winders

Other FÖGE antistatic bars for winding and rewinding film, paper and foil.

SE-DCA-110 Pulsed DC Antistatic Bar with Compressed Air – 11 kV	11 kV pulsed DC + air · 25 – 1000 mm · 24 V DC
SE-ACB-55 Compact AC Antistatic Bar – 5.5 kV	5.5 kV AC · 25 – 100 mm · up to 500 m/min
SE-ACB-80 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/film-winder-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.