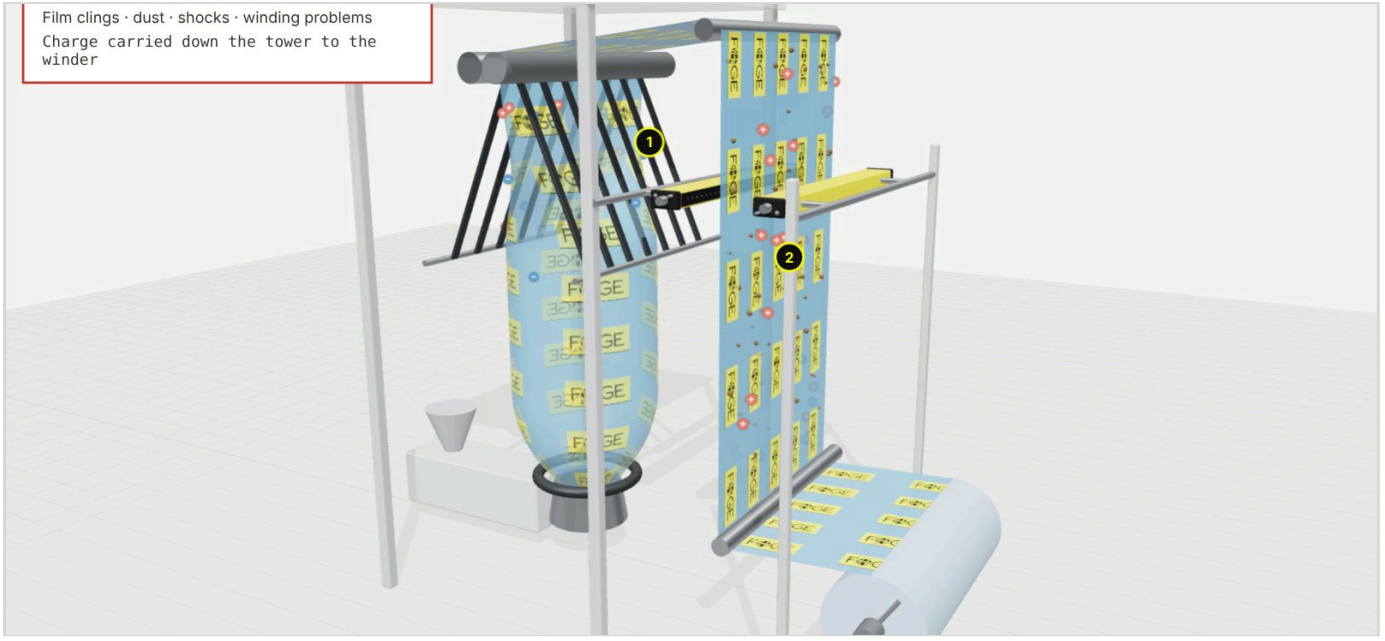
STATIC ELECTRICITY PRODUCTS · APPLICATION

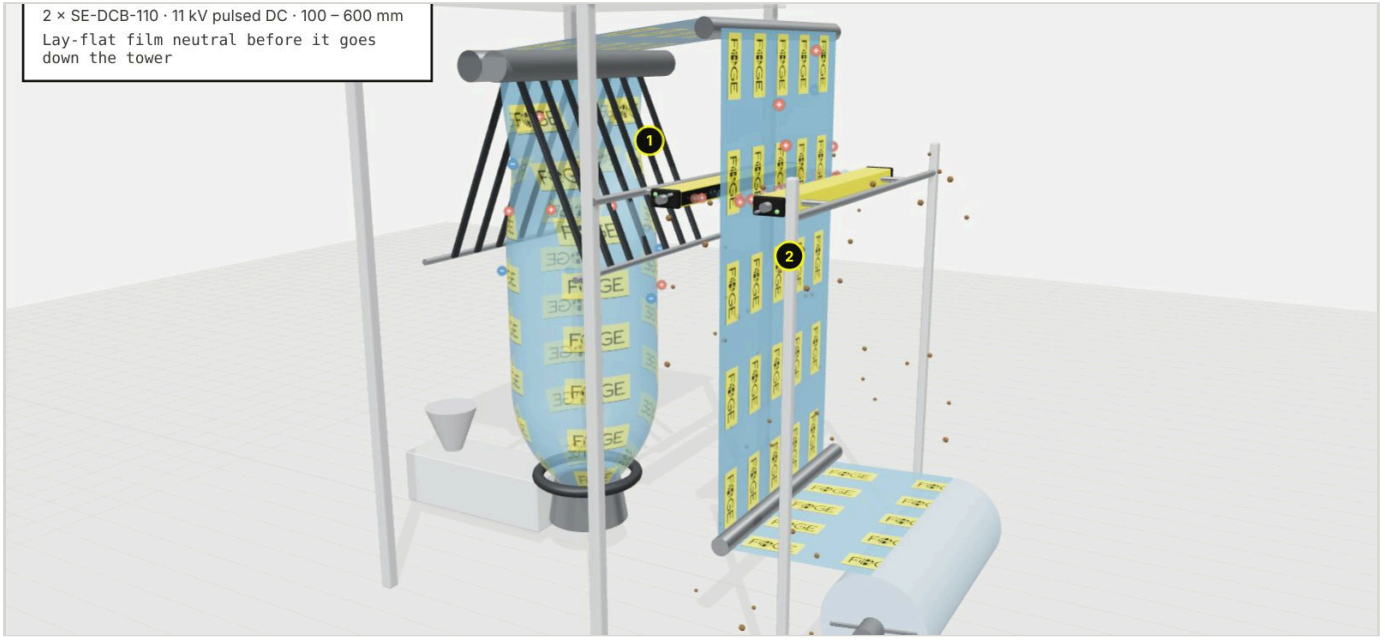
Blown film extrusion — take-off / collapsing section with two SE-DCB-110 bars

Molten plastic is blown into a bubble, stretched, cooled and pulled through the collapsing frame and the nip rollers. This generates extreme static charge — high enough to be dangerous to operators. The charged film clings to the collapsing boards, attracts dust and causes winding problems downstream. Two SE-DCB-110 bars on both sides of the lay-flat film, right after the nip rollers, neutralise the film before it goes down the tower.

WITHOUT IONIZATION



WITH SE-DCB-110



FÖGE products in this application

1 · SE-DCB-110 — inner surface

On the tower side of the lay-flat film, right after the nip rollers; pins face the film 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 — outer surface

Directly opposite bar 1 on the outer side of the film, so both surfaces are neutralised before the film goes down the tower.

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 blown film lines

Other FÖGE antistatic bars for the take-off section of blown film extrusion.

SE-DCA-110 Pulsed DC Antistatic Bar with Compressed Air – 11 kV	11 kV pulsed DC + air · 25 – 1000 mm · 24 V DC

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