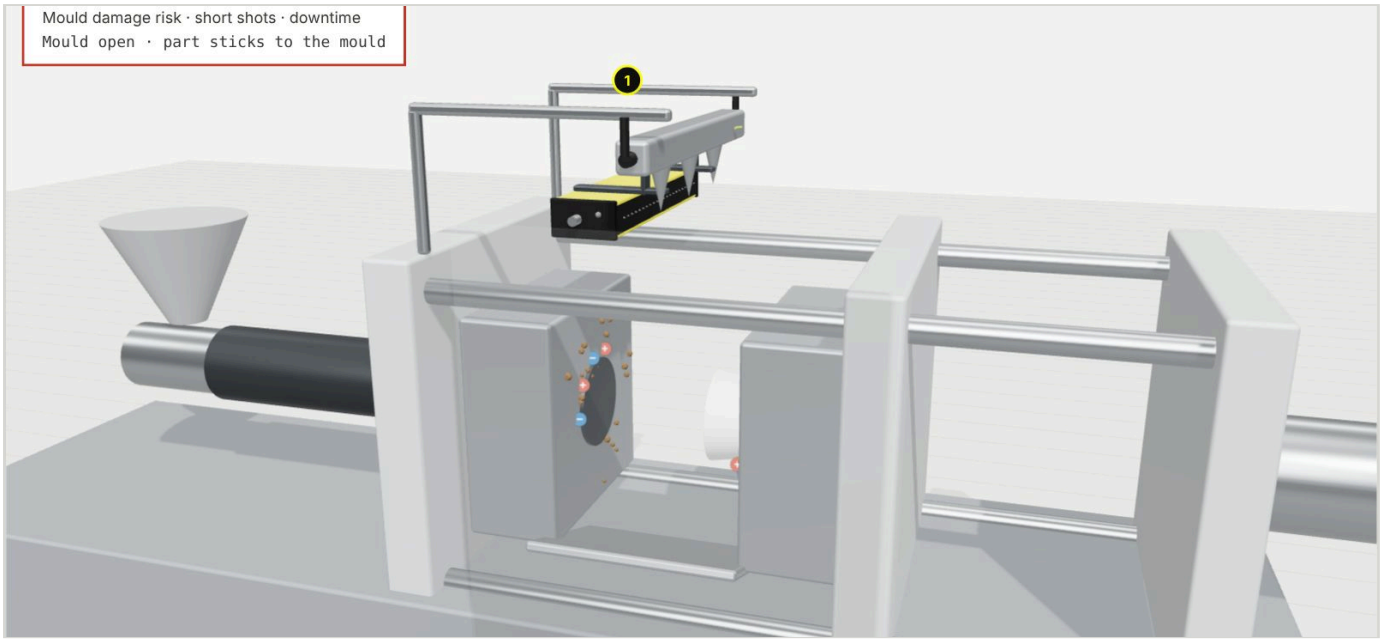
STATIC ELECTRICITY PRODUCTS · APPLICATION

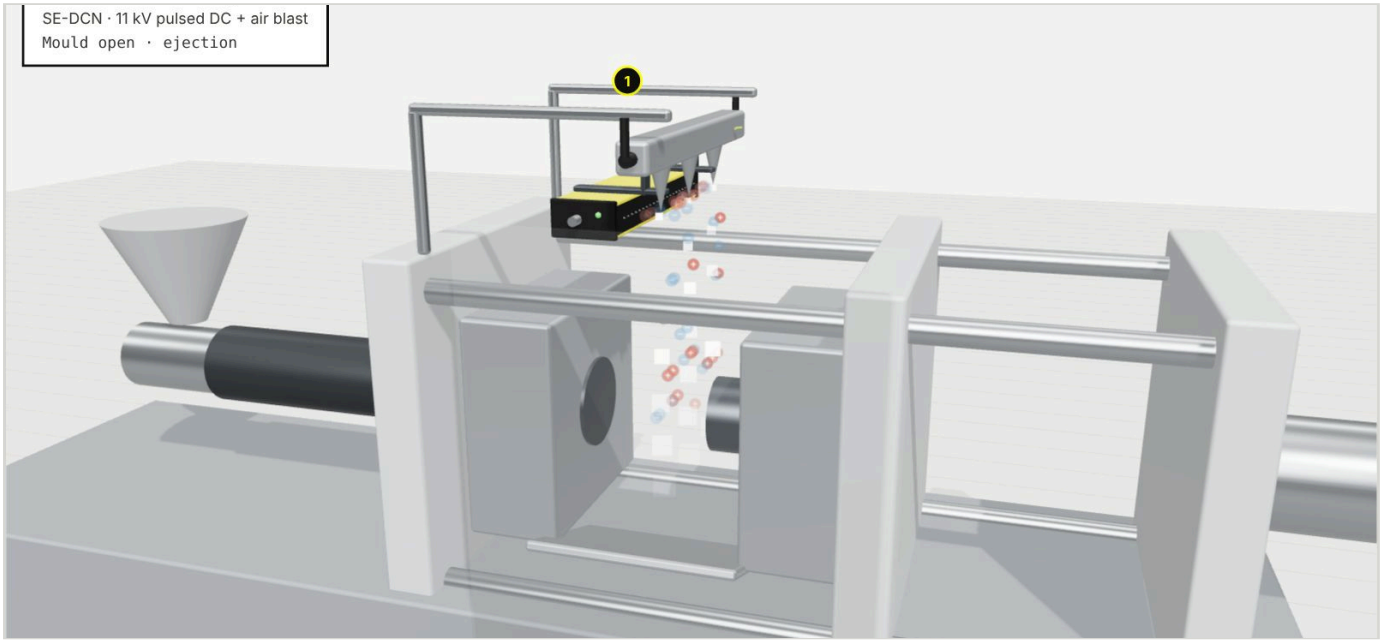
Injection moulding: mould release with the SE-DCN pulsed DC nozzle bar

Static charge makes moulded parts stick to the mould core or cavity instead of ejecting. When the mould closes on a stuck part, the mould faces are damaged and the machine stops. The SE-DCN above the parting line ionizes and blows into the gap between the open mould halves: the charge is neutralised and the air blast releases the part.

WITHOUT IONIZATION



WITH SE-DCN



FÖGE product in this application

1 · SE-DCN — above the parting line

Emitter face and air nozzles aimed into the gap between the open mould halves.

Ionization	**11 kV pulsed DC · shockless**
Ionization range	**Up to 600 mm**
Air	**6 bar · 10 mm hose · dry, filtered**
Supply	**24 V DC · SE-PSU-24-C-M12**
Connector	**M12 · 4-pin cable**
Lengths	**300 – 2000 mm**

SE-DCN details **Request technical quote**

Also suitable for injection moulding

Other FÖGE ionizers used at injection moulding machines.

SE-BLL Laminar Air Blower Ionizer	Pulsed DC · up to 1000 mm · 24 V DC · no compressed air

Interactive 3D model: switch between both states, rotate and zoom. **foge-antistatic.de/applications/injection-moulding-se-dcn/**

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