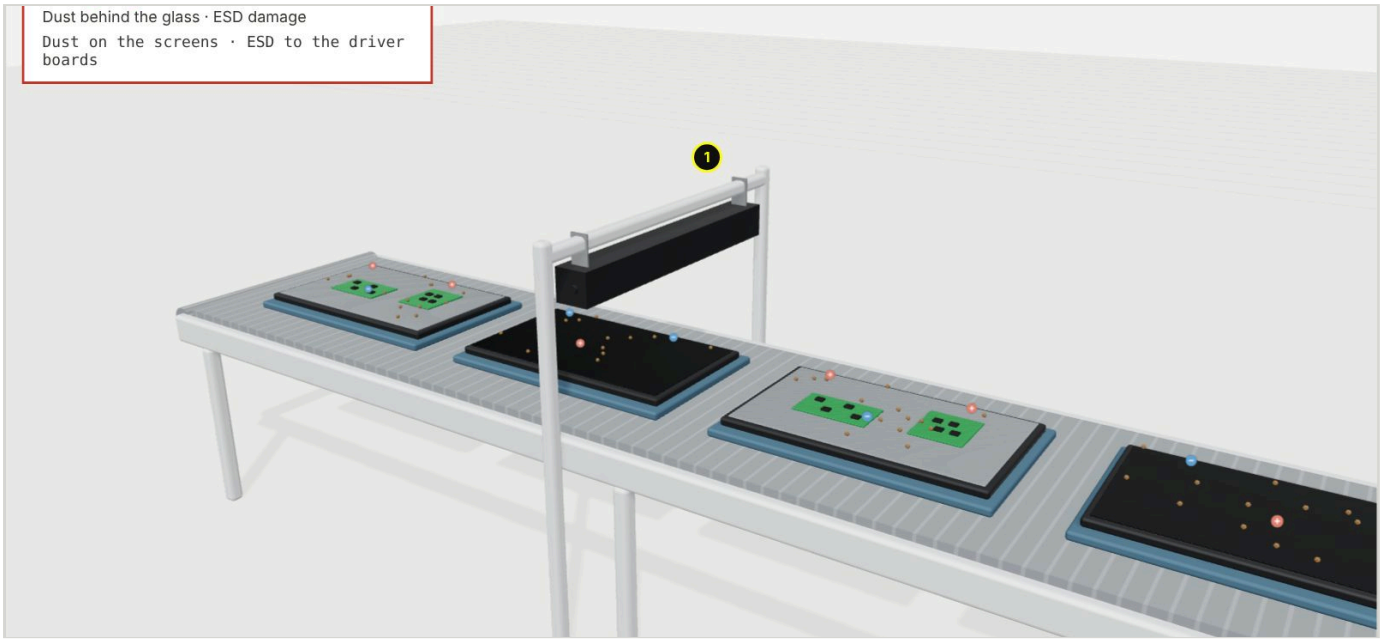
STATIC ELECTRICITY PRODUCTS · APPLICATION

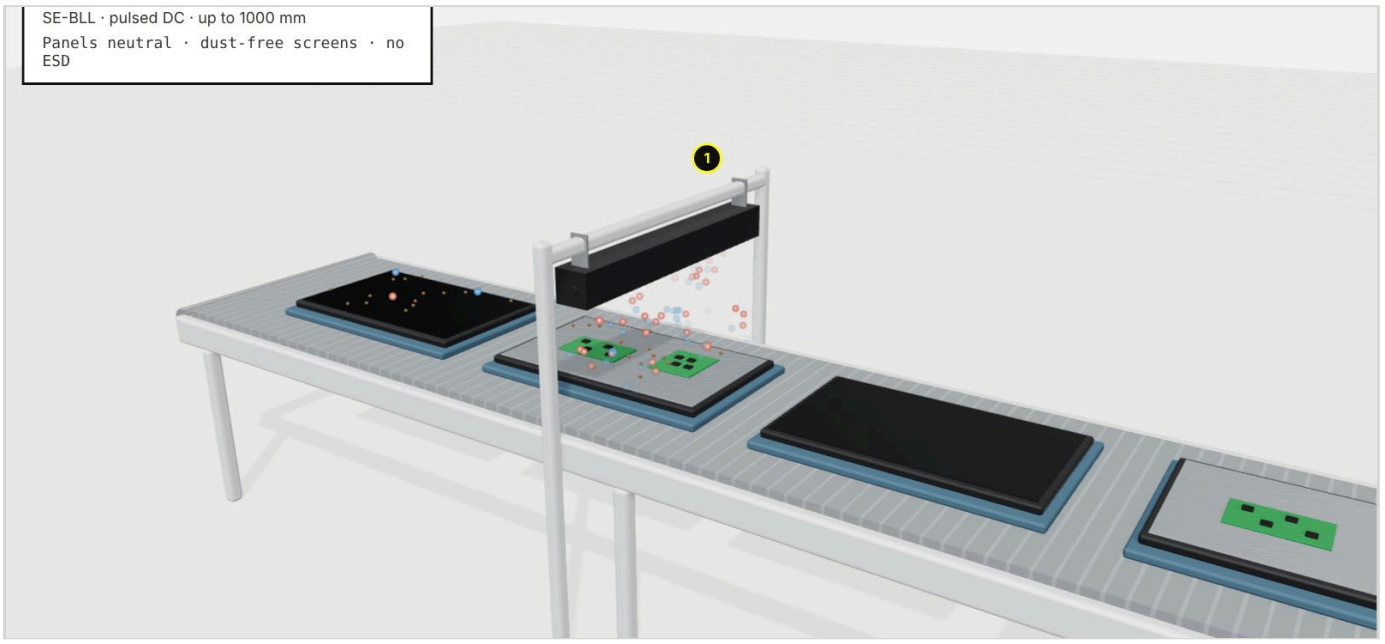
TV panel & electronics assembly conveyor with SE-BLL

Large TV panels and their plastic housings are big insulators that build up high charges on the conveyor. The screen becomes a dust magnet — particles trapped behind the glass are permanent defects — and an electrostatic discharge can destroy the circuit boards and LED/OLED drivers while they are handled or connected. An SE-BLL across the conveyor blankets the units with a continuous, balanced ion cloud: clean screens and ESD protection for the electronics.

WITHOUT IONIZATION



WITH SE-BLL



FÖGE product in this application

1 · SE-BLL — across the conveyor

On a bridge over the belt, outlet pointing down; the laminar air flow carries balanced pulsed DC ions over the full panel width — screen and driver boards.

Ionization	**Pulsed DC · shockless · balanced**
Ionization range	**Up to 1000 mm**
Decay time	**1 kV → 100 V in < 7 s at 1000 mm**
Lengths	**530 / 700 / 1055 / 1420 / 2130 mm**
Supply	**24 V DC · M12 5-pin**

SE-BLL details **Request technical quote**

Also suitable for assembly conveyors

Alternative FÖGE ionizer for this station.

SE-BLC-F-75-C — Pulsed DC · up to 500 mm · 24 V DC
Compact Antistatic Blower – Pulsed DC

Interactive 3D model: switch between both states, rotate and zoom. **foge-antistatic.de/applications/tv-panel-conveyor-se-bll/**

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