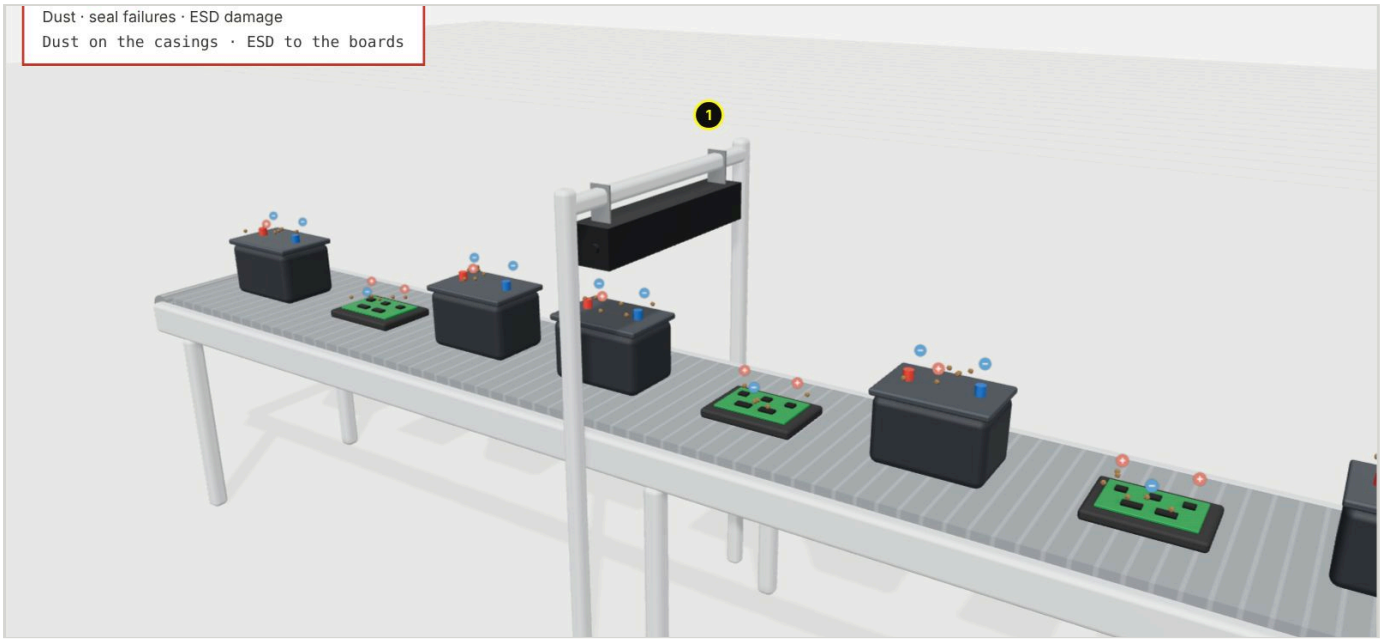
STATIC ELECTRICITY PRODUCTS · APPLICATION

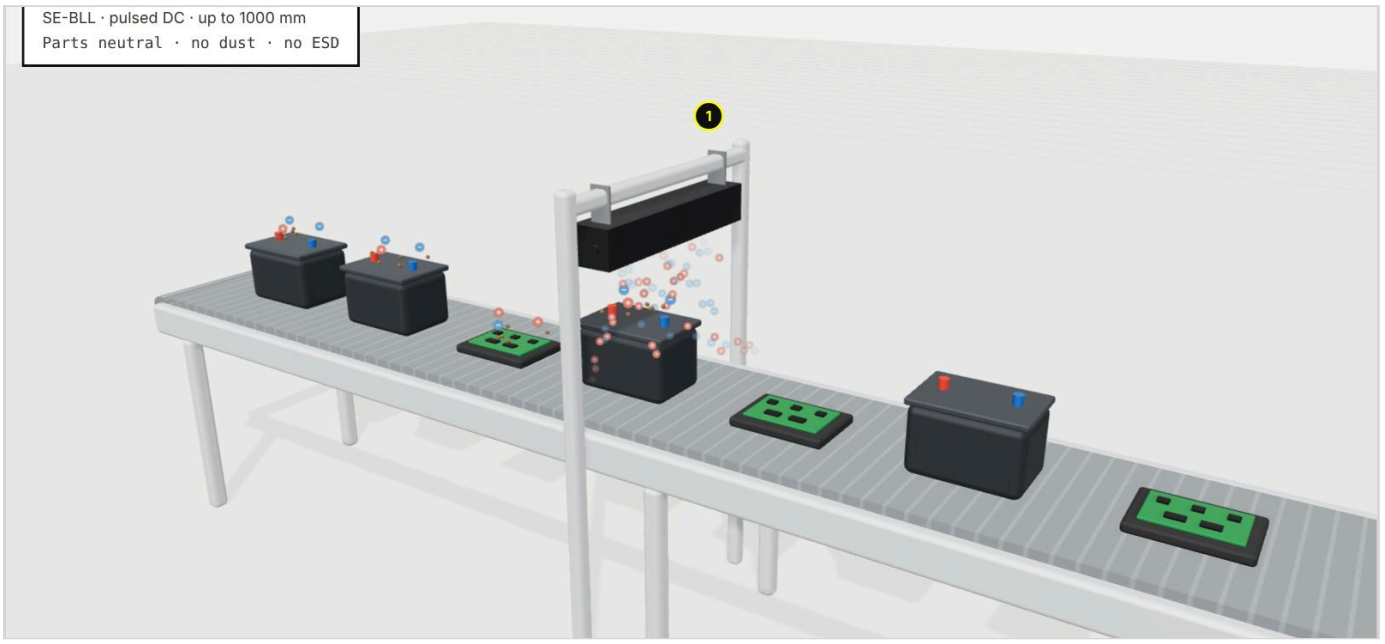
Battery & electronic component assembly conveyor with SE-BLL

Plastic battery casings (EV cells or 12 V batteries) and sensitive electronic assemblies charge up through friction on the conveyor. The charge pulls in dust and debris that can compromise battery seals or cause short circuits, and a sudden electrostatic discharge can destroy or latently damage control boards. An SE-BLL laminar air blower across the conveyor showers the moving parts and the belt with balanced ions — a static-free zone for the whole line.

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 belt width onto every passing part.

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/battery-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.