



◆ Ionization System for Metal Converting Line



stürmsfs

stahl · metall · services

**Operator Safety
guaranteed**

**Issue solved for
foil supplier**

**No contamina-
tion of surface
protection film**

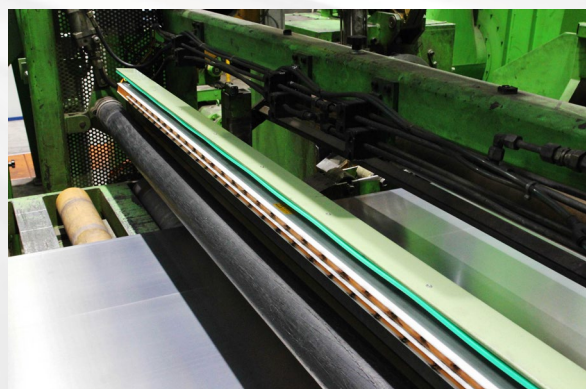
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◆ Layout

2x iONstream FUSION, 6kV, 2120mm Antistatic bars

Ungerer Cut-to-Length Line



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Installation Key Data

Parts: Metal Sheets, protected with adhesive Surface Protection Foil

Part Sizes:

Width: max. 2000mm

Speed:

50m / Min.

Machine:

Ungerer Cut-to-Length Line

Scope of supply:

2x iONstream FUSION,
6kV, 2120mm

Result with iONstream Fusion:

OFF => 20kV

ON =< 500V

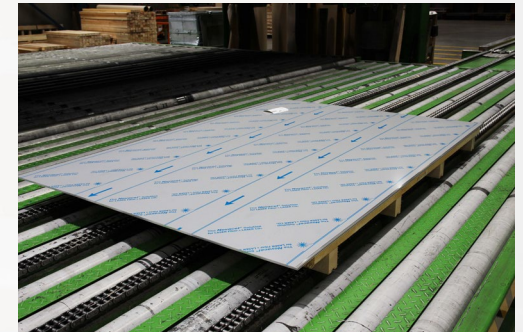


Coils in:

- Steel
- Stainless steel
- Aluminium



Surface
Protection
Film



Company Profile:

Stürmsfs AG, based in Goldach, Switzerland, is a Swiss trading company and a logistic supplier for steel and metal industry.

The catchment area includes Switzerland, Vorarlberg, Tyrol, southern Germany and Slovakia. The company has a wide range of steel and metal products. Stürmsfs employs around 270 people at the Goldach, Härkingen, Arnegg,

Klaus (AT) and Krakovany (SK) locations and is one of the largest steel trader in Switzerland.

Company Expectation:

Guaranteed Operators safety and no contamination of the surface of the protection film after applying to the metal. During unrolling and before applying to the metal, the surface protection film creates high voltage charge $\geq 20\text{kV}$,

which are dangerous for the operators. The use of the Electrostatic discharging system iONstream FUSION, guarantees, discharging down to $\leq 500\text{V}$, which enables safe work for all operators, during handling of the surface protection film coils and the end product. Also the applied protection film is discharged and free of contamination.