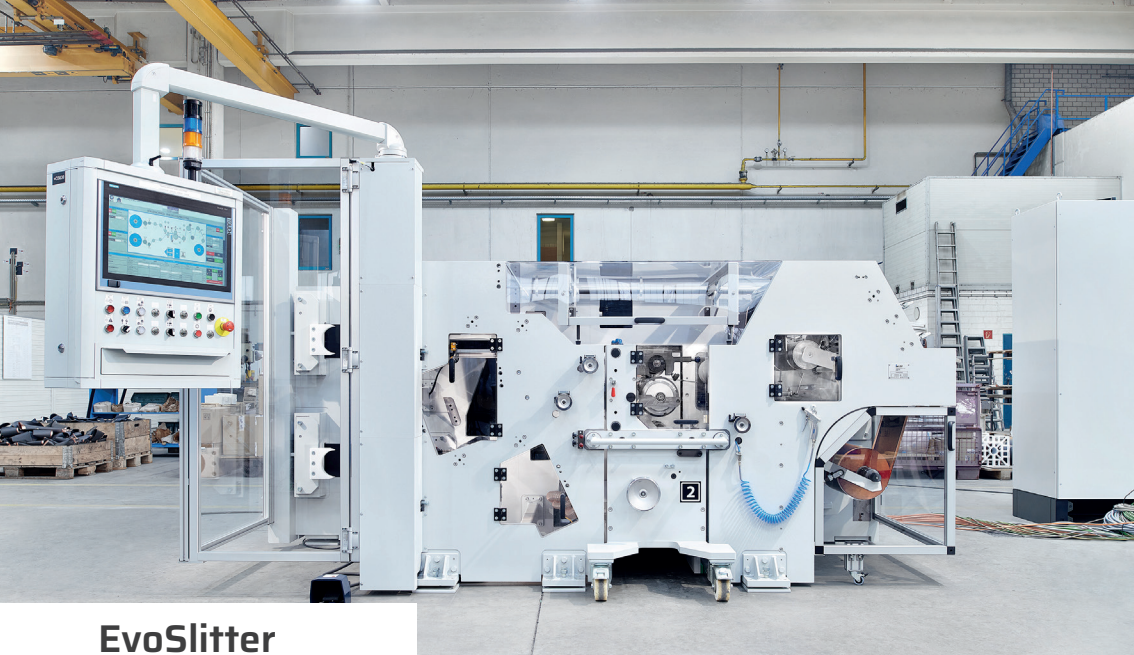




The background image shows a close-up of a large industrial machine, the EvoSlitter, which is used for processing metal sheets. A large, polished metal roller is visible, with a sheet of metal being fed through it. The machine is made of dark grey or black metal, and there are various mechanical components and bolts visible. The lighting is bright, highlighting the metallic surfaces.

EvoSlitter

Designed for
high-quality
LIB production.

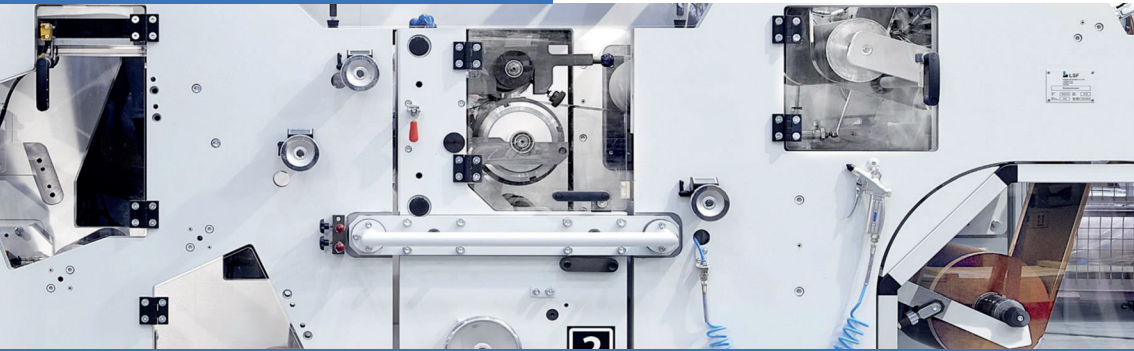


EvoSlitter

Key features

- Linear winding and unwinding technology
- Flexible rotational direction of the unwinding unit
- Quickly replaceable slitting cassette
- Integrated suction technology for edge trim and slitting dust
- Control system (SIEMENS TIA Portal)
- Swiveling and rotatable control panel
- Process data acquisition, recipe management via HMI transmission (OPC UA)
- PLC connected to actuators via bus, as well as with the local inputs/outputs
- Ethernet interface enables remote access
- User software for control system (PLC), drive control and visualization

EvoSlitter



OPTIMAL VISIBILITY IN ALL AREAS

For **clean cuts** and
process safety

Working widths of up to 800 mm, speeds of up to 150 m/min, interchangeable slitting cassettes and many other features characterize this machine type, which is specially adapted to the requirements of LIB production.

Maximum performance and modularity.

EvoSlitter machines are specially designed for slitting anodes, cathodes and electrode materials of lithium-ion batteries and capacitors. They are suitable for working widths up to 800 mm and meet the highest demands on slit quality and winding accuracy.

- Two rewind shafts with patented Kampf friction elements
- 4.0 data networking and remote maintenance
- Single and double-sided coated LIB webs
- Data transmission via OPC UA interface to the customer's MES system

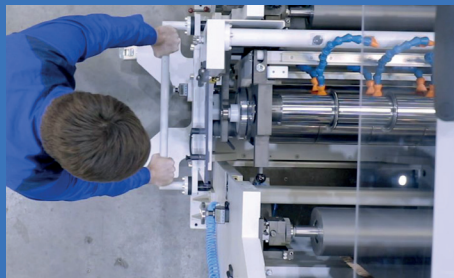
Thanks to their compact design, the slitting machine is ideal for research and pilot plants, but also for production. The machine is closed and complies with European safety regulations. Cassettes can be changed within a few minutes and slitting dust extraction is integrated.



800 mm
max. material widths



150 m/min
max. speed



Performance and
processing width.
A definite strength
of your **EvoSlitter**.



Technical data

Material

Cathodes and anodes
for LIB coated on both sides

Foil thickness

8 to 20 μm for copper,
8 to 25 μm for aluminum

Coating

50 to 150 μm , continuous
or intermittent

Material widths

Up to 800 mm

Speed

Up to 150 m/min

Original coil diameter

Max. 800 mm

Finished coil diameter




Up to 600 mm

Slitting systems

Shear cutting



If you are interested or have
any questions about our product,
EvoSlitter please contact
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