



RECYCLE YOUR ACTIVE MATERIAL IN LIB MANUFACTURING

Recover and reuse anode and cathode materials





MINIMUM OF PRODUCTION WASTE MAXIMUM OF EFFICIENCY

Process of direct recycling during the electrode production



>> FEATURES OF PROCESS

Minimization of production wasteReuse of active battery materials

> Safe explosion protection (ATEX)

- > Highest recovery rates of the active material
- Process handled under controlled atmosphere
 - > Perfect protection of the material





>> TEST CENTRE FOR CRITICAL BATTERY MATERIALS!

A special test centre is available to you for your trials on direct scrap recycling. We will test how our process fits into your production process and how you can make your battery production more efficient. Would you like to know more? Then get in touch with us!

>>> ROTOPLEX

Cutting-Mill for pre-cutting aluminum and copper foil

- Patented cross scissor cut minimizes contamination due to gentle cutting
- > Optimal material distribution at maximum cutting performance
- Open cage design of the rotor ensures product distribution across the entire width of the rotor
- > Available with film intake devices for coils





» UPZ

Fine Impact Mill for delamination / decoating of the active material

- > Suitable for direct scrap recycling and end of life (EOL) recycling
- Continues process
- > Gentle "beating" of the foils
- > Classifier after the UPZ to separate the foil from the black mass
- > Flexible adjustment of the settings

» AFG

Jet Mill for delamination / decoating of the active material

- > Batch delamination of the foils
- > Classifier wheel enables desired particle size
- Ceramic liner & ceramic classifying wheels ensure minimum wear and impurities
- > Flexible adjustment of the settings
- > Separation of the foil and decoating/delamination at the same time

is the new product line for particle systems to produce **ENERGY PERFORMANCE MATERIALS**





The Hosokawa Micron Group is a global leader in advanced processing systems and technologies for industries such as pharmaceuticals, chemicals, minerals, food, and plastics. With over a century of experience, the group offers innovative solutions for grinding, classification, mixing, drying, containment, recycling, analytical equipment and more, ensuring high quality and efficiency. Supported by a global network of R&D centers and manufacturing sites, Hosokawa Micron helps customers optimize processes, enhance product performance, and meet industry standards, solidifying its reputation as a trusted partner in highperformance processing solutions.

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Any questions? Just call – we are happy to help.





Subject to changes. All information in this brochure is purely informative and non-binding. Our offers are decisive for the order.

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