

Performance:
500.000 cells / year



PILOT LINE FOR BATTERY PRODUCTION

For years, Jonas & Redmann has been automating complex assembly and production processes for innovative products with highly sensitive components. Our owner-operated company brings its expertise and industry-tested technologies to the lithium-ion battery industry with our pouch and prismatic cell production lines. We have developed and delivered equipment for all the production steps after coating, including lines for complete module assembly.

At Jonas & Redmann, we know that we can not be successful unless our customers are successful. Therefore, our goal is to develop long-lasting partnerships with our customers. We accomplish this by understanding our client's needs and adapting the equipment to their specific requirements. Together, we work with our customers throughout the project, which does not end with equipment delivery. We continue by offering the support and service to deliver the best partnership possible. Jonas & Redmann doesn't measure success by the project. We measure it by the strength of the partnership.

success factors:

- leader in automating complex production processes
- years of experience handling very sensitive materials such as foils, with high precision high uptime and throughput/ low cycle rates
- equipment adaptable to dry and clean rooms
- in-line quality controls, material tracking, and MES connections

Fully automated assembly line for large-size lithium-ion battery cells

Cell Production



Battery Production



Features e.g.:

- fast and gentle unrolling of cathode, anode and separator
- high-precision cutting
- very high stacking accuracy
- inline control of positioning accuracy
- high quality packaging and sealing (leak free > 10 years)
- very precise and homogeneous electrolyte filling