

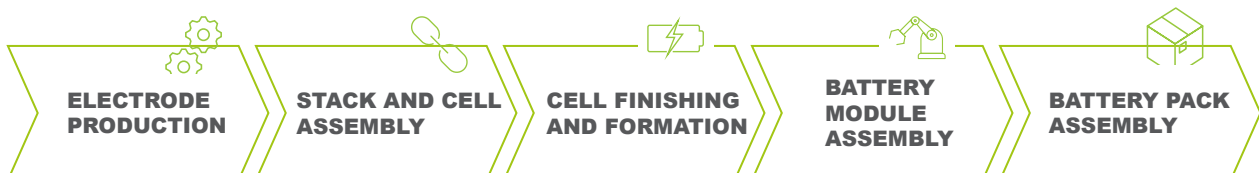
UNIQUE EUROPEAN PARTNERSHIP IN THE FIELD OF

PRODUCTION TECHNOLOGY FOR LITHIUM-ION BATTERIES

Dürr Systems AG, GROB-WERKE GmbH & Co. KG, and Manz AG have formed a strategic partnership for the joint acquisition and execution of projects for equipping entire battery factories. Our aim is to provide battery manufacturers a single source to equip facilities with European production technology for lithium-ion batteries, and to cover the entire value chain.

BATTERY EXPERTISE FROM A SINGLE SOURCE

COVERAGE OF MOST RELEVANT PROCESS STEPS ALONG THE VALUE CHAIN



TURNKEY SOLUTIONS

For a digitized end-to-end battery factory

TARGET PRODUCTS



Pouch cell



Cylindrical cell



Prismatic cell



Battery systems with all of the above

TARGET MARKETS



Automotive



Consumer



Energy storage

DIGITALIZATION

CONSULTING

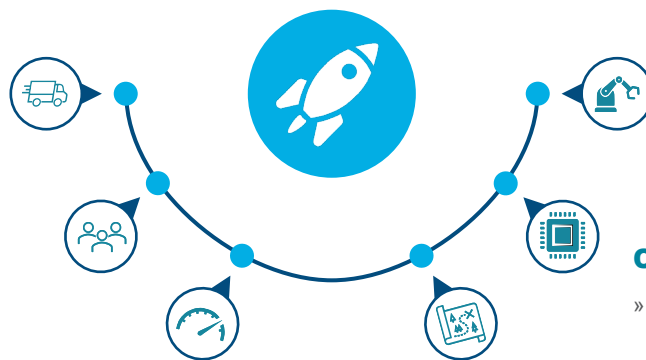
UNIQUE COOPERATION FOR OUTSTANDING CUSTOMER BENEFITS

Quick realization

- » Aligned execution
- » Proven project management standards
- » Extensive supplier network

One face to the customer

- » One sales team for all parts of the value chain
- » One team from planning to execution
- » Aligned project management in execution
- » One Stop Shop: All key technologies along the value chain out of one hand



End-to-end factory

- » Higher overall equipment effectiveness
- » Reduced costs
- » Reduced scrap rate
- » Smaller footprint
- » Less energy costs
- » Harmonized interfaces

Comprehensive digitalization

- » Integrated digitalization concept enabling full control of technology and secondary functions e.g. logistics
- » Streamlined data acquisition enabling track and trace, quality and AI functions

High reliability

- » Proven technology
- » High service level
- » Local service footprint
- » Production support

Planning to SOP

- » Dürr Consulting connected with technology know how enables end to end planning
- » Coordinated overall concept
- » Benefits in process design, layout planning and engineering