

GEN3 STACKER

LESSONS LEARNED  
TRANSFERRED INTO REALITY

> 8 SHEETS / SECOND



# BATTERY STACKING NO LONGER A BOTTLENECK

- **Family-Owned:** Committed to western world future
- **Precision from Semiconductor background:** Independent, clean, fast, and highly precise processes
- **44 Years of Industry Leadership:** Leveraging decades of experience to pioneer emerging technologies
- **Fast Prototyping:** Offering a seamless one-stop solution
- **Extensive Expertise:** Over 4 years of research and development focused on Z-fold battery stacking
- **Significant Investment:** More than 100 million euros invested in eMobility over the past 4 years
- **Comprehensive Solutions:** A turnkey solution provider for cell assembly, from labs to Gigafactories including future battery technologies SSB and Li-metal
- **Advanced Facilities:** 4 dry rooms available for commissioning or sampling production

PROJECT  
**COBRA**

# COBRA STACKING SOLUTION

## KEY TARGETS BY MÜHLBAUER

- **Leading the Industry:** 1st European Equipment Supplier for Gigafactory cell assembly since 2023
- **Exceptional Throughput:** Achieve stacking at a remarkable **0.115 seconds per sheet**
  - »Fastest Z-Fold Stacking Module worldwide
  - »Significant Footprint Reduction: Full configuration in only 30 m<sup>2</sup>
- **Unmatched Value:** Best price-to-performance ratio in the market
- **Thorough Inspection:** Comprehensive top and bottom electrode inspection for particles, including cleaning
  - »Each process is controlled by advanced vision technology
- **Full Traceability:** Ensures 100% traceability and seamless data transfer



COME AND SEE ...

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