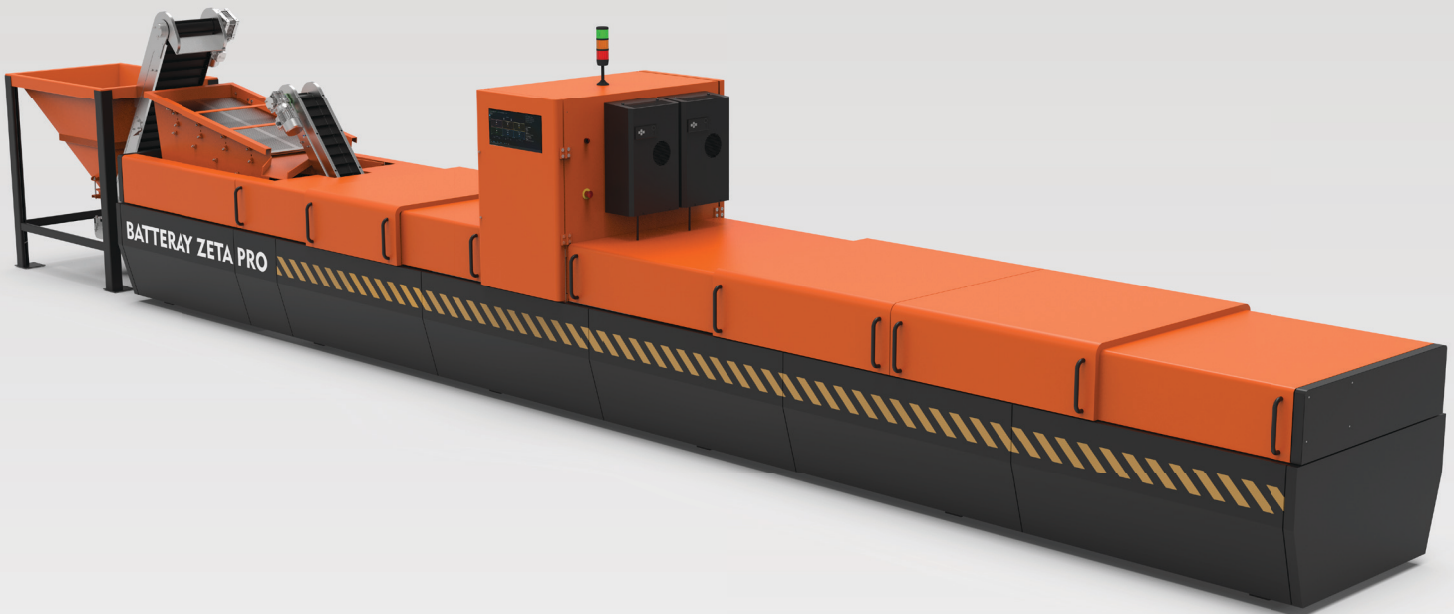




BATTERY ZETA PRO™

INDUSTRIAL-SCALE AUTOMATED BATTERY SORTING SYSTEM

FULLY AUTOMATED HIGH-CAPACITY BATTERY SORTING PLATFORM FOR LARGE RECYCLING PLANTS



KEY FEATURES

- Fully automated sorting architecture
- Industrial capacity: up to 1 000 kg/h
- Multi-stream sorting: up to 9 groups per session
- Recirculation loop for unrecognized batteries
- Designed for large recycling plants

- ⚙️ Deformed Battery Detection
- ⚙️ Smart Self-Diagnostic & Monitoring System
- ⚙️ Enhanced Fire Safety with Integrated sensors
- ⚙️ Next-Gen Li-Ion Optimized Architecture

BATTERY ZETA PRO™ is the high-capacity platform of the BATTERY series designed for industrial-scale battery recycling plants. The system combines advanced detection technologies with a fully automated sorting architecture to support large-volume battery processing.

BATTERY ZETA PRO™

BATTERY ZETA PRO™ represents the highest-capacity platform in the BATTERY Series, designed for fully automated battery recycling lines and large industrial facilities.



GENERAL SPECIFICATIONS

Productivity **Up to 40,000 batteries/hour**

Throughput capacity **Up to 1000 kg/hour**

Sorting accuracy **99.5% Alk / ZnC**
98% other groups

Sorting architecture **9 ejectors + recirculation loop**

Recognition technology **Optical + X-ray detection**

Automation level **Fully automated**

Supported battery types **Alk, Zn, NiCd, NiMH,**
(with extended industrial sorting capabilities) **Li-Primary, Li-MnO,**
Li-SOCL₂, Li-FeS₂, Li-Ion

OPERATION

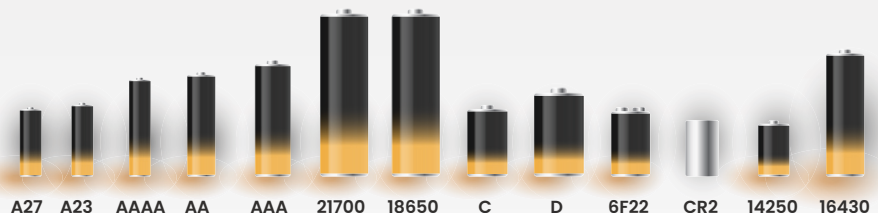
Batteries loaded into the hooper and transported through the vibrating screen are processed through a high-capacity automated sorting architecture including recirculation of unrecognized batteries, enabling continuous industrial-scale battery processing.

POSITIONING IN SERIES

High-capacity automated solution for large industrial recycling plants. It could extend functionality with optional Li-Ion classification in future.

SYSTEM SUPPORTS

Popular battery types



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