

HLZ[®] MD Ultra – Batch Fedded

High-speed Counting and Sorting Machine

The HLZ[®] MD Ultra (MDU) - Batch Fedded is an industrial high-speed counting and sorting machine for handling of refillable and non-refillable used beverage containers.

With our patented inliner technology the machine is designed for handling of any mix of PET bottles, cans and glass bottles (Tetra packs and gable tops are optional). The machine is made of stainless steel (AISI304) and is designed for high durability.

The system features a movable smart feeder, which is capable of holding batch sizes up to 60 UBCs.



Technical Specifications

Dimensions	Customizable
Stations	Customizable
Power	3 Phase volt. + N + PE
Motor (kW)	2.2
Detection*	360° detection of barcodes
Inliner	Mono Disc Ultra (MDU)
Infeed	Integrated feeding conveyor + smart feeder
Network 1	LAN for counting data transmission
Network 2	LAN HLZ [®] Eazy/VPN for remote

Options

Bulk feeder (Size on request)
Debris separator for glass
Batch scanner
Light curtain counter system for odd containers

Highlights

Material construction	Stainless Steel AISI304
Capacity	100-300 containers/min.
Registration accuracy	≥99.5%
Container types*	PET, Alu cans, glass
Container shape***	Cylindrical Ø50-130 mm.
Container length	Up to 400 mm/16"
Structure	Multiple module combination
Ambient temp.**	min.7C°/F44 max.+40C°/F104
Approvals	CE, UL, CSA, SAA

* Other types, on request (custom design)

** AC is optional

***Min. ratio between cylindrical length and Ø: 1.4

Illustrated model:

HLZ[®] MD Ultra – Batch Fedded
with 2 sorting stations + 1 overflow

