

## HLZ<sup>®</sup> MD Ultra

### High-Speed Counting and Sorting Machine

The HLZ<sup>®</sup> MD Ultra (MDU) is an industrial high-speed counting and sorting machine designed for processing both refillable and non-refillable used beverage containers.

Utilizing our patented inliner technology the machine is capable of handling any mix of PET bottles, aluminum cans and glass bottles (Tetra Paks and gable tops are optional). The machine is constructed from stainless steel (AISI304) and is designed for high durability.



#### Technical Specifications

Dimensions	Customizable
Stations	Customizable
Power supply	3 phase + N + PE
Power consumption (kW)	3.0
Detection	360° detection of barcodes
Inliner	Mono Disc Ultra (MDU)
Infeed	Integrated feeding conveyor
Network 1	LAN HLZ <sup>®</sup> Eazy/VPN for remote support
Network 2	LAN for counting data transmission

#### Options

Bulk feeder (size on request)
Debris separator for glass
Batch scanner
Light curtain counter system for odd containers
Soft drop for glass counting

#### Highlights

Material construction	Stainless steel AISI304
Capacity	100-300 containers/min.
Registration accuracy	≥99.5%
Container types*	PET, aluminum cans, glass
Container shape***	Cylindrical Ø50-130 mm
Container length	Up to 400 mm/16"
Structure	Multiple module combinations
Ambient temp.**	Min. 7°C/44°F - max.+40°C/104°F
Approvals	CE, UL, CSA, SAA

\* Other types, on request (custom design)  
Maximum glass fraction: 15%, unless the machine specification is for 100% glass handling

\*\* AC is optional

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

Illustrated model:  
HLZ<sup>®</sup> MDU with 6 sorting stations and 1 overflow

