HLZ® MD Ultra C MS

High-Speed Counting and Sorting Machine

The HLZ® MD Ultra C MS is an industrial high-speed counting and sorting machine designed for processing refillable and non-refillable used beverage containers. The machine has no barcode reading cameras; it sorts the containers by means of sensors and soft blow technique.

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 (AISI 304), except for the adjustable feet, ensuring high durability.

Technical Specifications

Dimensions	Customizable
Stations	Customizable
Power supply	3 phase + N + PE
Motor (kW)	1.75
Detection	Metal detection and soft blow
Inliner	Mono Disc Ultra (MDU)
Infeed	Integrated feeding conveyor
Network 1	LAN HLZ® Eazy/VPN for remote support
Network 2	LAN for counting data transmission

Highlights

Material construction	Mainly 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

Options

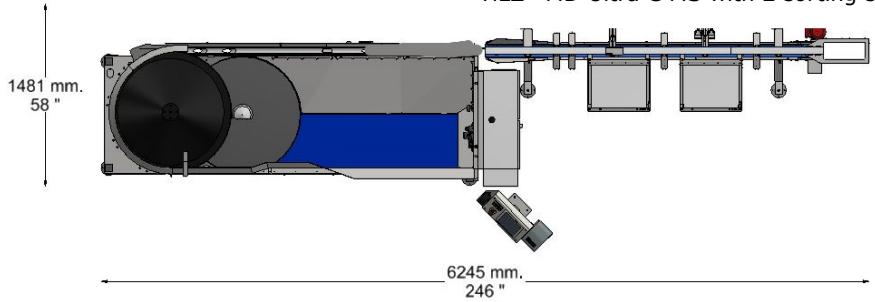
- Bulk feeder (size on request)
- Debris separator for glass
- Batch scanner
- Light curtain counter system for odd containers
- Soft drop for glass counting

* 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® MD Ultra C MS with 2 sorting stations and 1 overflow



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