HLZ® DD C MS

High-speed Counting and Sorting Machine

Industrial high-speed counting and sorting machine designed for processing non-refillable used beverage containers. The machine sorts the used beverage containers by material type.

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
Power consumption (kW)	2.75
Detection	Metal detection and soft blow
Inliner	Duo Disc (DD)
Infeed	Bulk feeder of 1 m³, 2½ m³ or 4 m³
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.7C°/F44 max.+40C°/F104
Approvals	CE, UL, CSA, SAA

Options

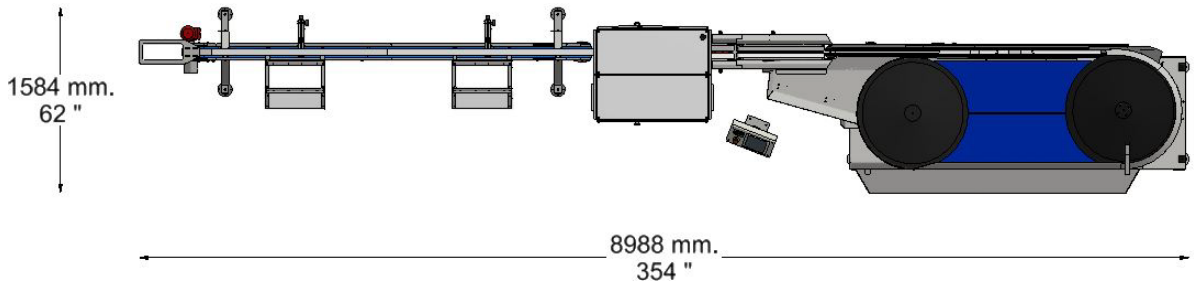
Bulk feeder (size on request)
Debris separator for glass
Photoelectric sensors and material detectors

* 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® DD C MS with 2 sorting stations and 1 overflow



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