anker andersen®
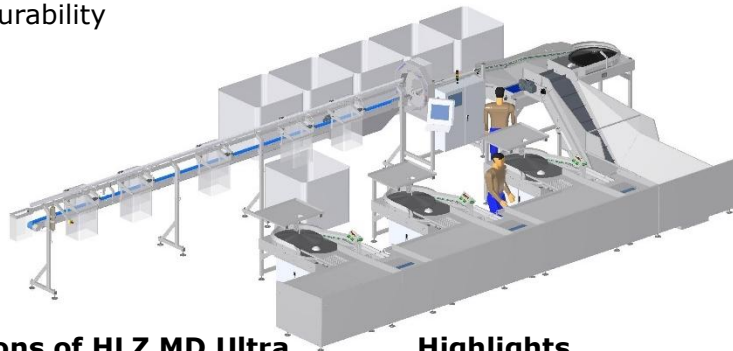High performance counting
and sorting systems

HLZ® MD Ultra Systems

High-speed front-end and back-end systems for Redemption Centers (USA) and Bottle Depots (Canada)

The HLZ® MD Ultra (MDU) systems integrate industrial high-speed front-end counting machines with back-end sorting machines designed to process a diverse range of used beverage containers.

The systems stand out as the ideal solution for US Redemption Centers seeking counting and sorting of containers by brand at high speed and with great accuracy.

Canadian Bottle Depots will benefit from flexible solutions tailored to accommodate both capacity and space requirements. The HLZ® systems handle with great efficiency any mix of PET bottles, aluminum cans, glass bottles and Tetra Paks, and constructed from stainless steel (AISI304) they are designed for high durability

Technical Specifications of HLZ MD Ultra

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® 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® MD Ultra with 10 sorting stations and 3 HLZ MD C

14500mm
575"

6200mm
241"

02-24