Caesar 2RB-0,6 Mr

DRIVERLESS

Type of vehicle

- ☐ High-lift fork truck
- ☐ High-shift stacker
- ☐ Lift stacker
- ☐ Telescoping mast stacker
- ☐ Spreader stacker
- ☐ Drawbar stacker
- ☐ Teleskoping fork stacker
- ☐ Side shift stacker
- ☐ Narrow-aisle stacker
- ☐ High-rack stacker
- ☐ Tractor
- ☐ Drive-under tractor
- ■ **Platform truck**
- ☐ Other

Special equipment

- ☐ RFID-/barcode reader
- ☐ Weighing function
- ☐ Metering function
- ■ **Roll conveyor**
- ☐ Belt conveyor
- ☐ Chain conveyor
- ☐ Flexible load handling
- ☐ Cover lift
- ☐ Dual operation
- ☐ Stainless steel vehicle
- ☐ Clean room vehicle
- ☐ Outdoor vehicle
- ☐ Heavy-duty vehicle
- ☐ Other

Application example
Ball Packaging

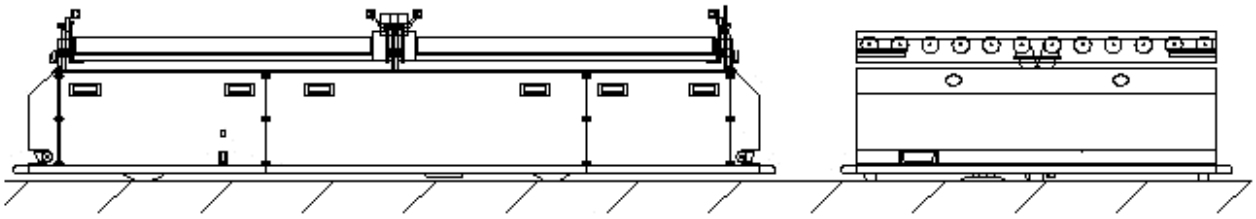
At Ball Packaging, a packaging specialist, seven automated guided transport vehicles handle the transportation of pallets from production lines to three warehouses and from the warehouses to outgoing goods shipment.

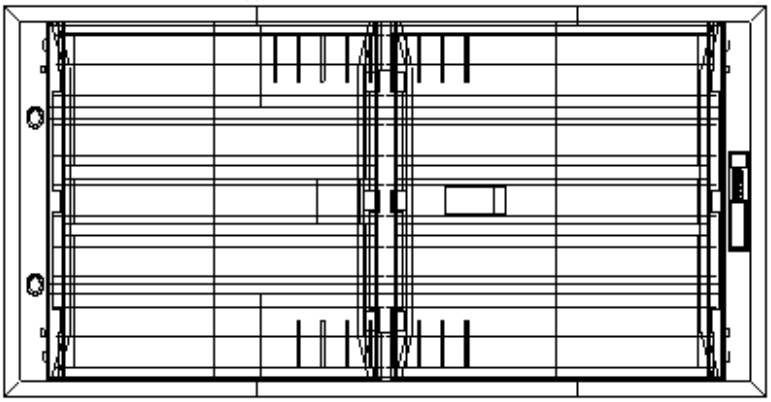
The beverage cans produces here are stacked on wood or plastic pallets with an area of 1,180 x 1,250 mm or 1,120 x 1,420 mm. The maximum stack height is 3 meters; maximum weight of a loading unit is 300 kg. The transporters are just 600 mm high and are each equipped with two transverse-mounted roller conveyors. They take on two pallets at once, bring them into a warehouse, and drop them off again at two parallel chain conveyors.

Parts are taken out in the opposite direction, so the conveyors on the vehicles have reversible drives. Batteries are charged automatically via floor contacts, both during load transfer and at separate charging stations. Driving course changes can be made easily with a CAD route change.

MLR System GmbH

Technical data





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Dimensions (L x B x H)	3,176 x 1,630 x 600 mm
Load capacity	2 x 300 kg
Drive	48 V/1,2 kW
Speed	1,7 m/s
Brake	Magnetic brake
Undercarriage	3-wheel vehicle; front: wheel hub drive; rear: support wheels with measuring device
Positioning accurancy	+/- 10 mm
Load	Wooden or plastic pallets (1.180 x 1.50 x 3.000 mm)
Load handling	2 roll conveyors
Transfer hight	600 mm
Energy concept	NiCd battery 48 V/115 Ah
Battery charging	Automatic
Data transmission	Radio communication
Navigation	Magnetic
Safety devices	Laser scanners in both directions, circumferential switching edges

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