

Phoenix R-0,5 Mr

DRIVERLESS



Type of vehicle

- High-lift fork truck
- High-shift stacker
- Straddle truck
- 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

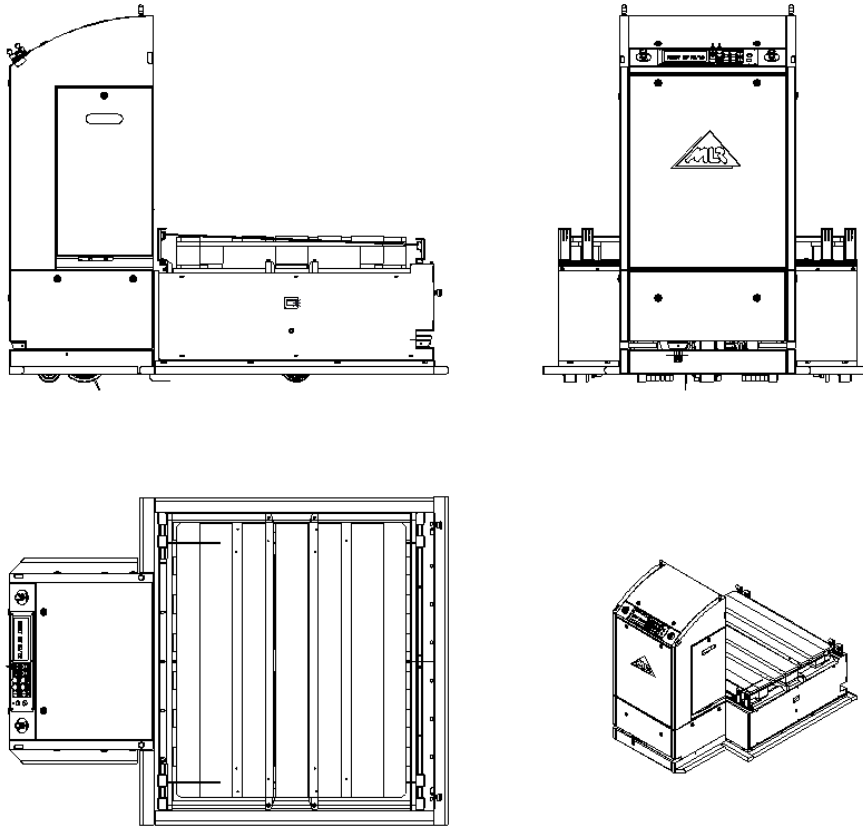
Application example Milcafea

At the coffee specialist Milcafea, instant coffee, cocoa, and tea beverages are produced and packed into folding boxes, cans, refillable bags, and single packages. The finished goods are then packed onto euro and industrial pallets and staged for transfer on a conveyor system. The pallets are picked up there by an automated guided vehicle and moved to another conveyor system, where they are fed into a stretcher. The 1,918 mm long and 1,600 mm wide vehicle is equipped with a double roller conveyor that can automatically receive pallets weighing up to 500 kg from the conveyor system.

The Phoenix series automated guided transport vehicle runs in 3-shift operations, 24 hours a day, 7 days a week, 350 days a year.

Power is supplied by two PzS batteries with 24V / 345 Ah each. One battery is in the vehicle, while the other is charged at a stationary charging unit. The batteries are swapped by hand after every shift.

Technical data



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Dimensions (l x w x h)	1,918 x 1,600 x 1,434 mm
Weight	1.200 kg (with battery)
Load capacity	500 kg
Ground clearance	35 mm beneath the vehicle frame
Speed	1.5 m/s forward and reverse
Battery	Lead-acid (PzS) 24V / 345 Ah
Appropriate loads	Europallets, industrial pallets, wood Dimensions (L x W x H) 1,200 x 800 x 2,100 mm; 1,200 x 1,000 x 2,100 mm
Navigation	Free magnetic
Protective devices	Laser scanner front and rear, Two E-stop buttons at front and rear Strip sensors on the sides and rear