Mayesto RX-2,0 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
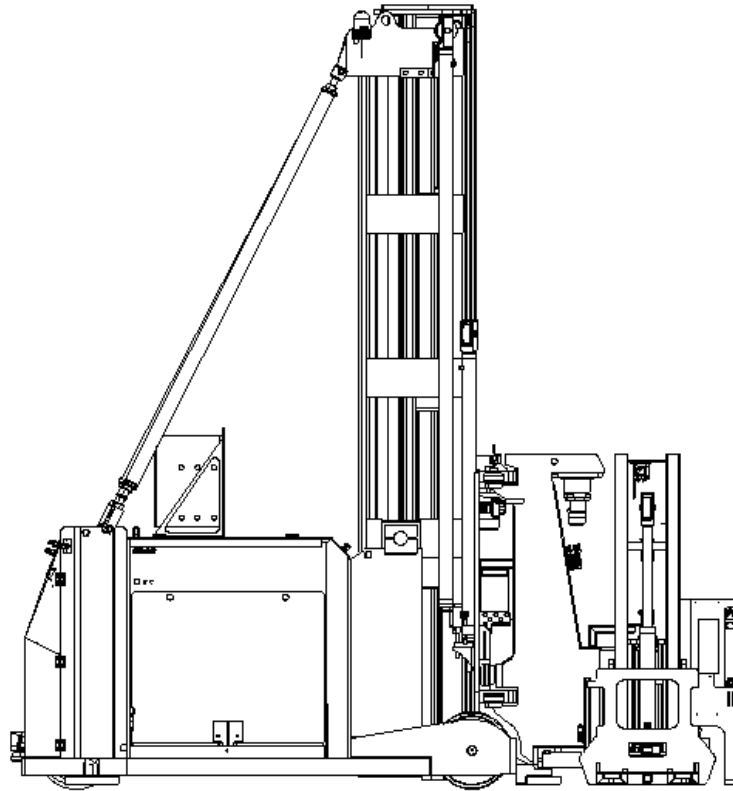☐ Platform truck
☐ Other

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
AC Folien

The packaging manufacturer AC Folien produces monofilms for the pharmaceutical industry. In its high-bay warehouse a Mayesto model automated narrow-aisle stacker handles the check-in and check-out of reels as well as cut rolls. In addition, an automated guided forklift connects the calender, incoming and outgoing goods, and cutting rooms to the warehouse.

Coordination and control of the narrow-aisle stacker and the forklift are handled by MLR's own control and management system, LogOS. LogOS also controls fire protection doors and gateways and monitors safety equipment and energy management.

LogOS is connected to the customer's SAP system via an interface. The identification and control of loads also run on LogOS. Loads are identified by a barcode reader integrated in the vehicle and are also checked by weight. The data are then passed on to LogOS and compared with the transport booking. If there is a deviation, LogOS declines the transport and sends a message to SAP.

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Dimensions (l x w x h)	2.615 mm x 1.000 mm x 1.896 mm
Empty weight with battery	1.765 kg
Load capacity	2.000 kg
Ground clearance	35 mm beneath the vehicle frame
Speed	1,5 m/s forward and reverse
Energy concept	Lead battery 80V / 930 Ah
Protective devices	Laser scanner front and rear, E-stop button on front structure Strip sensors on the sides
Appropriate loads	Film rolls on Europallets Roll diameter 400 to 1,200 mm Roll length up to 1,800 mm Weight up to 2,000 kg
Navigation	Free magnetic
Specialized equipment	Barcode reader for check-in and check-out Sensors for fine positioning, lift height monitoring, and free space check

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