

Mayesto AT-2,3 Mr

DRIVERLESS



Type of vehicle

- High-lift fork truck
- High-shift stacker
- Straddle truck
- Telescoping mast stacker
- Spreader stacker
- Drawbar stacker
- Telescoping 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 Almet

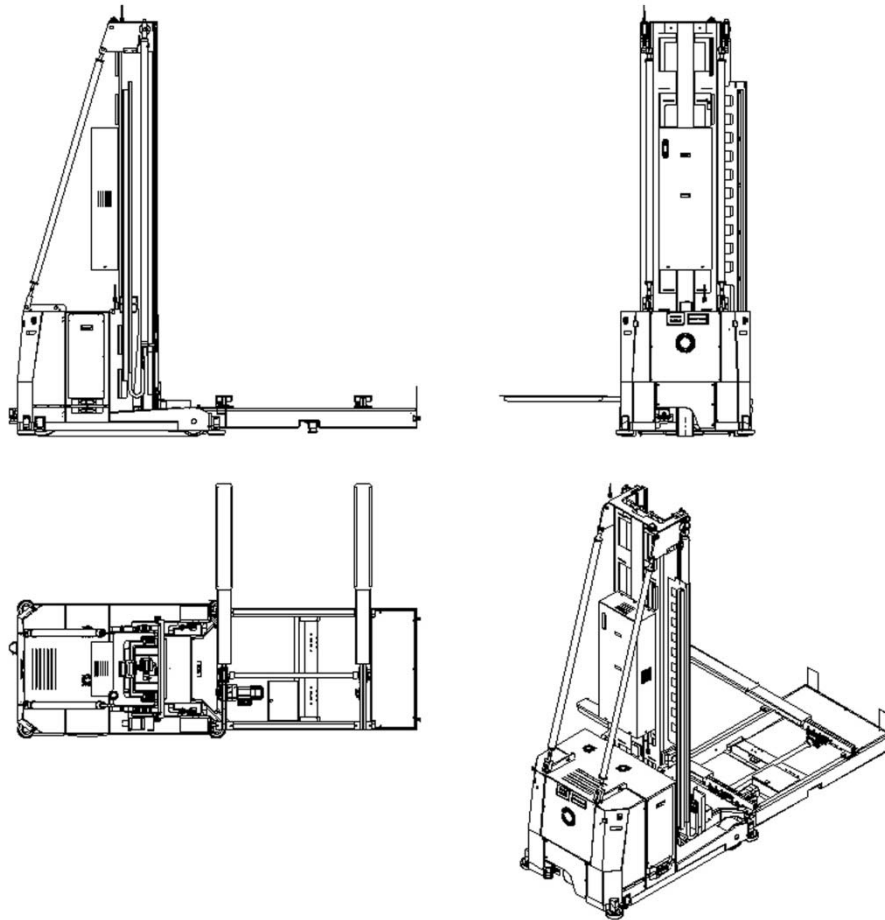
MLR has automated the warehouse at Almet GmbH with an automated guided vehicle system (AGVS). Two Mayesto series narrow-aisle stackers are used to service the warehouse. Storage and retrieval moves are performed at transfer stations set up for this purpose on the racks. In addition, the two automated guided vehicles (AGVs) handle the delivery and disposal of machine tools.

The two autonomous Mayesto units have telescoping forks that can extend on both sides, with which they pick up load carriers from the racks and set them back down again. The load carriers are identified by the AGV from a barcode mounted on the side of the tray.

Control and coordination of the automated guided vehicles are handled by MLR's own management and control software, LogOS.

LogOS is connected to the customer's warehouse management system via an interface. It manages the warehouse and the empty trays. It provides orders for all storage, retrieval, and transfer moves, issues the tray ID, source, and target, and hands off the transport orders to LogOS.

Technical data



Phoenix AT-2,3 Mr

Length	6,090 mm
Width	2,4200 mm
Heigth	4,494 mm
Weight with battery	2,30 kg
Load capacity	2,000 kg
Ground clearance	45 mm beneath the vehicle frame
Speed	1.6 m/s forward and backward
Battery	80 V 6 EPzS 930 Ah
Protective devices	Laser scanners at front and rear, 4 Emergency stop buttons on the front structure, 2 Emergency stop buttons on the rear structure
Appropriate loads	Aluminum sheets on cassettes Dimensions (L x W x H): max. 3,340 x 1,520 x 250 mm Weight: max. 2,300 kg Overhang: 120 mm