

Mayesto BT-1,6 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 conveyer
- Belt conveyer
- Chain conveyer
- Flexible load handling
- Cover lift
- Dual operation
- Stainless steel vehicle
- Clean room vehicle
- Outdoor vehicle
- Heavy-duty vehicle
- Other

Application example Baumgartner

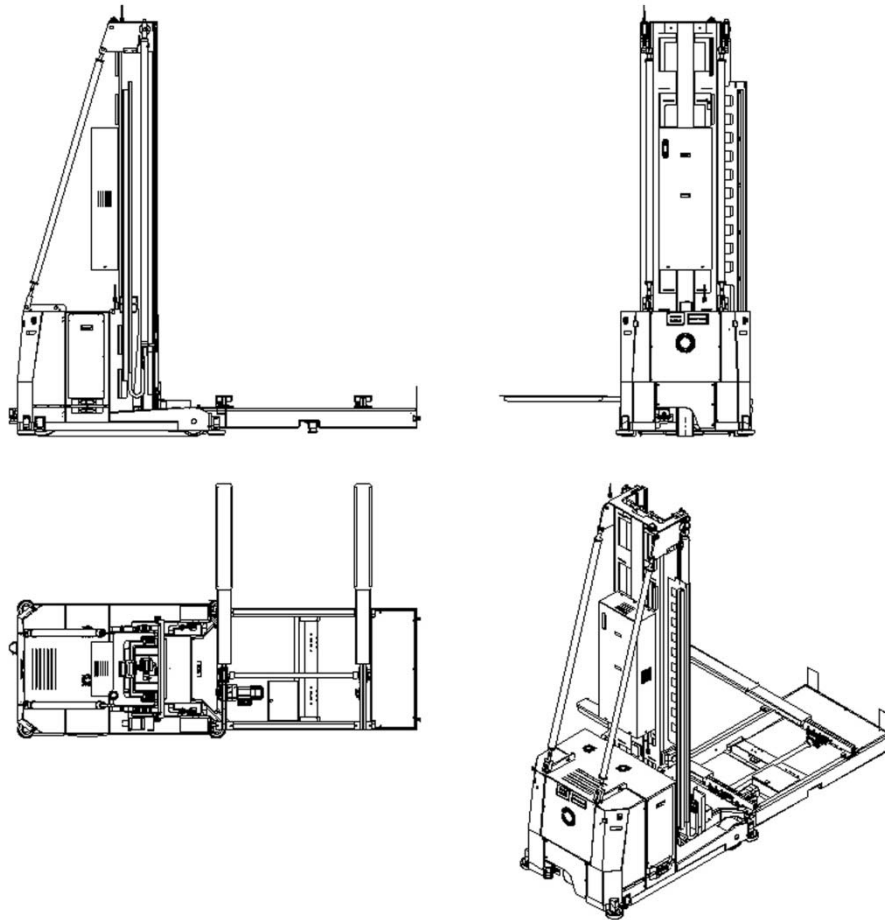
The Swiss window manufacturer Baumgartner has automated its new glass warehouse and expanded its factory to make it one of the most modern window production facilities in Europe. Every year at the 200,000 square meter facility, up 120,000 windows are produced, warehoused, and then delivered at a later point in time. Automation has increased production speed and optimized manufacturing costs.

The core of the new system is an automated guided transport vehicle system that checks the externally supplied glass frames into and out of the warehouse fully automatically. The Mayesto series automated guided high-rack stackers pick up glass transport racks from a conveyor system at the end of a buffer and move them to the high-bay warehouse for storage.

The system is designed so that when a truck makes a delivery, the automated guided vehicles can move 16 glass transport racks into storage within 32 minutes.

Control and coordination of the automated guided vehicles are handled by MLR's own management and control software, LogOS. The LogOS WMS module also handles the entire administration of the warehouse, including space and rack management. Rush orders, relocations, or entire check-out orders can also be initiated manually.

Technical data



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Dimensions (l x w x h)	4.235 mm x 1.420 mm x 4.285 mm
Empty weight with battery	6.215 kg
Load capacity	1.600 kg
Ground clearance	60 mm beneath the vehicle frame
Speed	1.6 m/s forward and reverse
Power supply	Lead battery 48 V / 465 Ah, automatic charging in the vehicle
Protective devices	Operates in a closed area with appropriate access control Laser scanners at front and rear, two E-stop buttons at front and rear
Load Suspension Device	Dual masts with telescoping forks
Loads	Glass frame racks: 1,000 mm x 2,600 mm x 2,396 mm, to 1,600 kg
Navigation	Free magnetic