

Caesar P-63 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 conveyer
- Belt conveyer
- Chain conveyer
- Flexible load handling
- Cover lift
- Dual operation
- Stainless steel vehicle
- Clean room vehicle
- Outdoor vehicle**
- Heavy-duty vehicle**
- Other

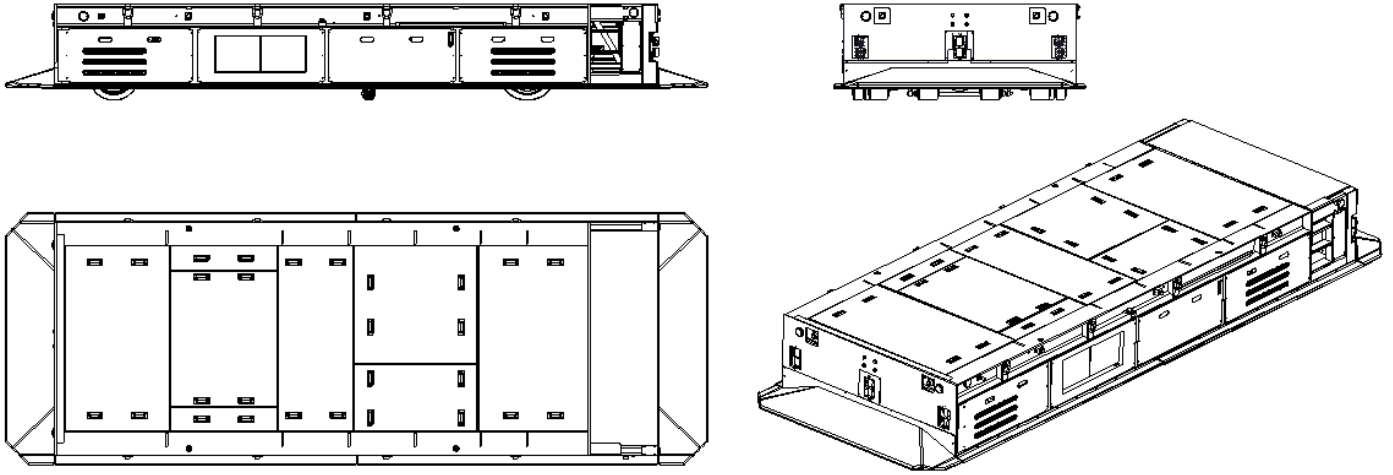
Application example Dieffenbacher

The Dieffenbacher Group produces press systems and complete production systems for the wood products and automotive industries and their suppliers.

At their Eppingen facility, a Caesar model automated guided platform truck transports workpieces weighing tonnes between different parts of the plants. The 6-meter-long, 2.50-meter-wide automated heavy load transporter is loaded at a transfer station using loading cranes. The free-navigating vehicle is designed for loads of up to 63 tonnes. The travel route includes a 140-meter outdoor section, including passage through gates and signal and crossing systems.

Coordination and control of the automated guided transport vehicles and administration of the transport orders are handled by MLR's own LogOS control and management system.

Technical Data



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Dimension (l x w x h)	7,876 x 2,820 x 1,074 mm
Weight	11,530 kg (without battery)
Load capacity	63 Tonnes
Length of travel route	300 m, incl. outdoor section
Speed	0.8 m/s
Track width	Front: 1,250 mm, rear: 1,480 mm
Wheelbase	4,639 mm
Ground clearance	150 mm
Drive	80V/22 kW AC
Gradeability	5 % with appropriate transition radii
Chassis	4-wheel vehicle, 2 steering axes, driven rear axis, measurement wheels raise automatically for inclined travel
Brake	Magnetic parking brake
Battery	2 x 80V, 920Ah, PzS
Load	Cast parts max. 6,760 x 2,500 x 3,000 (L x B X H), pallets of all shapes, lattice boxes, oversized steel beams max. 9 m
Positioning accuracy	+/- 10 mm
Load transfer	Overhead crane
Navigation	Magnetic navigation
Safety	Radar sensors front and rear, bumpers front and rear, side strip sensors
Controller	LogOS