

Caesar 2F-0.4 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 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 Continental-Teves

Automated guided transport vehicles bring workpieces to the assembly lines at the automotive supplier Continental-Teves. The Caesar 2F platform trucks weigh 470 kg, are 1,423 mm long, and are equipped with a double belt conveyor. The vehicles automatically take transport containers from a stationary conveyor and then bring them to the desired transfer stations. They also transport empty containers from the production lines to a central empties station.

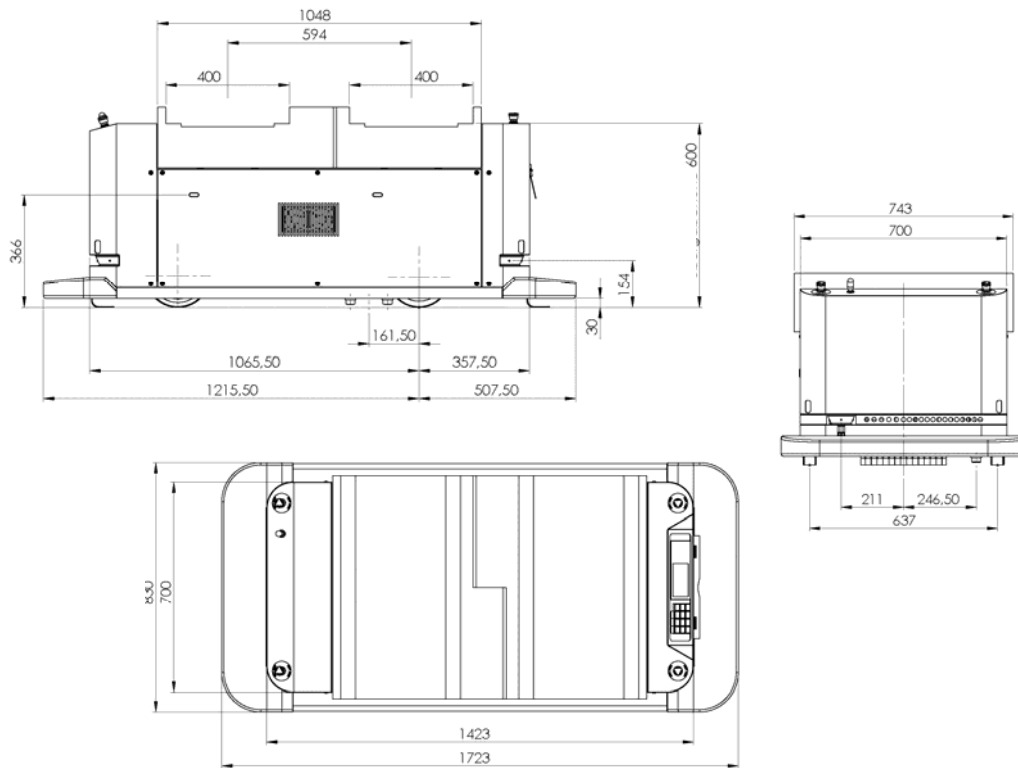
The vehicles are equipped with maintenance-free, rapid-charging LiFePo4 batteries. This allows for short top-up charging cycles. Brief pauses are used for charging, enabling the vehicles to remain in service around the clock.

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. LogOS has been configured with an additional statistics function as well as a graphic interface.

The main controller and the vehicles communicate via WLAN. Remote wireless diagnostics are also possible.

Barcode or RFID readers can also be integrated in the vehicle.

Technical Data



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Dimensions (L x w x h)	1,423 x 830 x 650 mm (without bumpers)
Weight	445 kg (without battery)
Load capacity	2 x 200 kg
Ground clearance	30 mm
Drive	24 V/0.7 kW AC
Speed	1.6 m/s
Brake	Magnetic parking brake
Chassis	3-wheel vehicle; front: wheel hub drive; rear: support wheels with measurement system
Load	Tray stack
Load Suspension Drive	2 conveyor belts
Positioning accuracy	+/- 10 mm
Energy concept	Rapid-charging, maintenance-free, non-gassing LiFePo4 battery
Battery charging	Automatic, in the vehicle
Data transfer	WLAN
Navigation	Magnetic navigation
Controller	LogOS
Safety equipment	Laser scanner front and rear, bumpers front and rear, side strip sensors