

# Caesar PN-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 Jena University Hospital

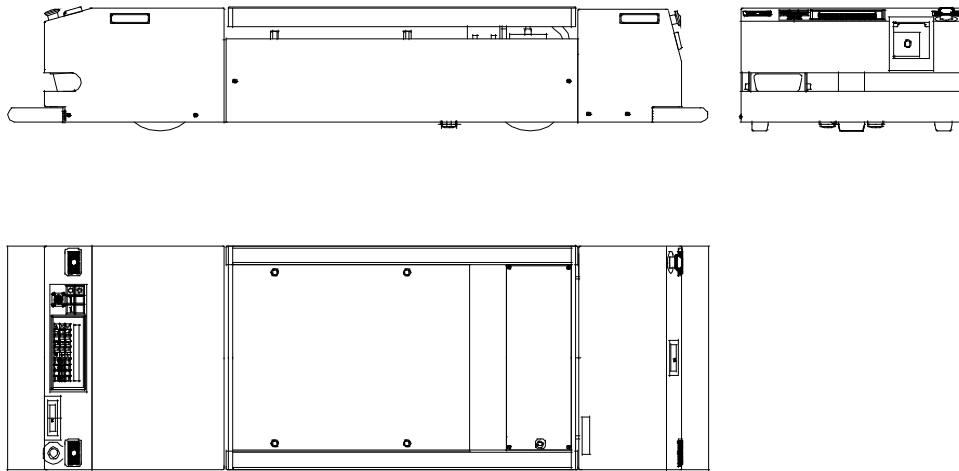
In the Jena University Hospital, 26 CAESAR series automated guided drive-under tractors transport 400 rolling containers every day, carrying food, medications, laundry, sterile items, medical devices and waste.

The automated material transport system (AMT) connects the inpatient stations to the individual functional areas, such as the kitchen, pharmacy, warehouse and laundry.

The LogOS Hospital management and control software from MLR controls the freely navigating vehicles over several levels, allowing them to use elevators and travel into other buildings.

The transport containers are marked with barcodes that are read by the vehicles and forwarded to the LogOS Hospital control and management system from MLR. Using these data, LogOS manages the containers and always has an overview of their locations.

# Technical Data



## Caesar PN-0.4 MR

Dimensions (l x w x h)	1.900 x 600 x 333 mm
Dimensions lifting platform	960 x 600 x 333 mm
Load capacity	400 kg
Drive	0.5 kW
Speed	1.2 m/s
Brake	Electromagnetic
Positioning accuracy	+/- 10 mm
Energy supply	Lead-acid battery 24 V/172 Ah
Battery charging	Automatic
Data transmission	WLAN 2.4 GHz
Navigation	Magnetic
Safety equipment	Soft bumpers, laser scanner, switching edges