



The intelligent, agile Eurobox transporter

Melkus Q40

The smart transport cube provides efficiency in material flow. The cargo surface of the AGV was designed for 40 x 60 cm Euro boxes. With the use of the flexible, driverless transport system, the right material is available – Industry 4.0 compliant – at the right time and the right place. Whether in production, assembly or logistics.

Technical Data

Load capacity:	60 kg - max. load dimensions: 60 cm x 40 cm x height cm (variable)
Speed:	1 m/s
Navigation:	SLAM navigation
Dimensions:	40 cm x 40 cm x 40 cm (T x W x H)
Weight:	55 kg (depending on load carrier)

Melkus Mechatronic

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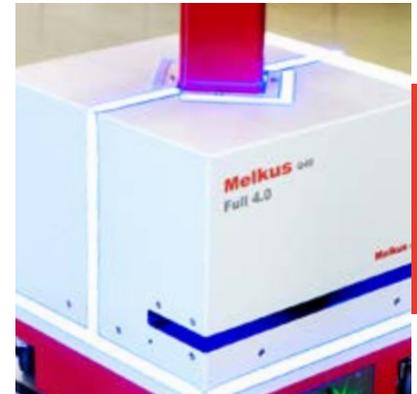


Flexible

- Compact construction and small turn radius allow use in the smallest space
- SLAM navigation
- Operation and diagnostics also with smart devices
- Easy integration into existing systems

Efficient

- High availability: 8-hr battery life, fast charging of the LiFe-Po4 high-performance powerpack
- Automatic height regulation of the load carrier provides maximum ergonomics
- Smooth material transport via clever drive technology
- Easy change of transport sequence



Intelligent

- Load carrier rotatable independent of vehicle
- Compact automation solution from SIGMATEK
- High personnel safety via laser scanner
- WLAN communication with the guidance system

Application Areas

- SLC-transport in Euro boxes
- Point-to-point transport tasks
- Flexible link between stationary transport routes
- Load carriers for seamless material transfer

