



The flexible pallet AGV for intralogistics

AGUMOS G130

Under-running, lifting and transporting Euro-pallets – these are the tasks of the intelligent pallet AGV from the AGUMOS series. The AGUMOS G130 combines advanced technology with an industrially oriented design.

Technical Data

Load capacity:	up to 1,200 kg
Speed:	up to 1,5 m/s
Navigation:	SLAM navigation or camera-based track guidance
Dimensions:	1,610 mm x 615 mm x 660 mm (L x W x H) without pillar Signal pillar: height and signal colours according to customer requirements
Weight:	205 kg
Lifting height:	120 mm
Turning circle diameter:	1,723 mm or 1,804 mm with Euro pallet

Melkus Mechatronic

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Flexible

- Clever "Multi-Differential Steering" enables use in the tightest space
- Free range of motion in all directions
- SLAM navigation or camera-based track guidance
- Operation and diagnostics also with smart devices
- Easy integration into existing systems

Intelligent

- High personnel safety via laser scanner
- Compact automation solution from SIGMATEK
- WLAN communication with the guidance system
- Gentle material transport and low floor wear via smart drive technology
- Flexible task creation



Efficient

- Reduced path via transverse drive capability
- LiFePo4 high-performance power-packs allow 4-hr-operation
- Short battery charging times
- Energy efficiency via low net weight
- Maintenance-free, hydraulic lifting mechanism

Application Areas

- Point-to-point transport
- Transport tasks in limited space conditions
- Material and workpiece transport within the production area
- Storage logistics and commissioning tasks

