

## Technical details

	PalletUpper Module	PalletDock Module
<b>Footprint</b> (L x W x H)	1600 x 1026 x 275 mm	1780 x 1330 x 625 mm
<b>Unit Weight</b>	175 kg	850 kg
<b>Power Supply</b>	Mobile Robot dependent	230 VAC/50 Hz, Single Phase 16 A
<b>Autonomous Mobile Robot (AMR) Compatibility</b>	OMRON, MiR and OTTO Motors	
<b>Payload size and weight</b>	EPAL 1/2/3 - up to 1200 kg (AMR dependent)	
<b>Transfer height</b>	400 - 1200 mm	
<b>Transfer time</b>	< 16 s	
<b>Transfer direction</b> (relative to vehicle movement)	Front	
<b>Payload rotation</b>	No	
<b>Sensors</b>	Payload accurate position and presence sensors, Payload ID (QR or bar-code)	
<b>Compliance</b>	CE, RoHS	

Ready to elevate your AMR operations to the next level?



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## MOVELI Pallet Solution

Boost your AMR's performance:

Innovative solutions for efficient  
and safe box and pallet  
transportation

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## Innovative solution for pallets

### What is MOVELI?

MOVELI offers a family of modules for Autonomous Mobile Robots (AMR) designed and produced in Switzerland.

Our modular and patented solutions have been engineered to set a new standard in Intralogistics for boxes and pallets, while guaranteeing compatibility across the major AMR OEMs.

We aim to provide easy and safe solutions for both large and small operations with evolving needs.

### Core benefits

- Modular design that handles payloads of different sizes, orientations and weights
- Designed for collaborative environments
- Increases workplace safety
- Ergonomical working height
- Reduced product damage
- Simplified installation
- Quickly movable to new locations in the facility



## Innovative solution for pallets

### Key features

- Transport of Euro pallets up to 1200 kg
- Direct communication between the Upper and Dock modules, requiring minimal software integration
- Advanced alignment system guaranteeing a high transferability rate
- Handles length and crosswise pallets from chain and roller conveyors
- Wide range of heights on the Dock adapting to any green- or brown-field installations
- Compatible with major AMRs

### Applications

MOVELI solutions have been designed to speed up and improve efficiency in **Warehousing** and **Manufacturing** facilities, across different industries.

Contact us to learn more.