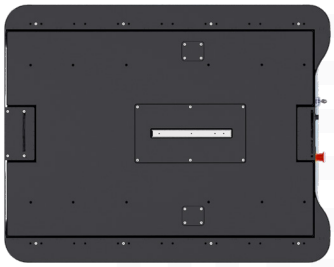
Nord Lift Platform-MD

Optimize your internal logistics by automating the internal transportation of pallets with the Nord Lift Platform MD. The top module autonomously picks up and delivers pallets.

Stable handling and transport of pallets and other lifting applications. It enables the Omron AMRs in the MD series to lift and lowers the pallet autonomously for stable transportation of payloads.



Specifications

Weight	118 kg | 260 lbs	**Product code**	LIFT-OMRON-MD-US-01
Lifting speed	up to 20 mm/s | 0.8 in/s	**Stroke length**	up to 80 mm | 3.15 in

Compatibility	Omron MD-650	Omron MD-900
Max. lifting capacity	532 kg | 1 173 lbs	782 kg | 1 724 lbs

Specifications may vary based on local conditions and application

Product Description

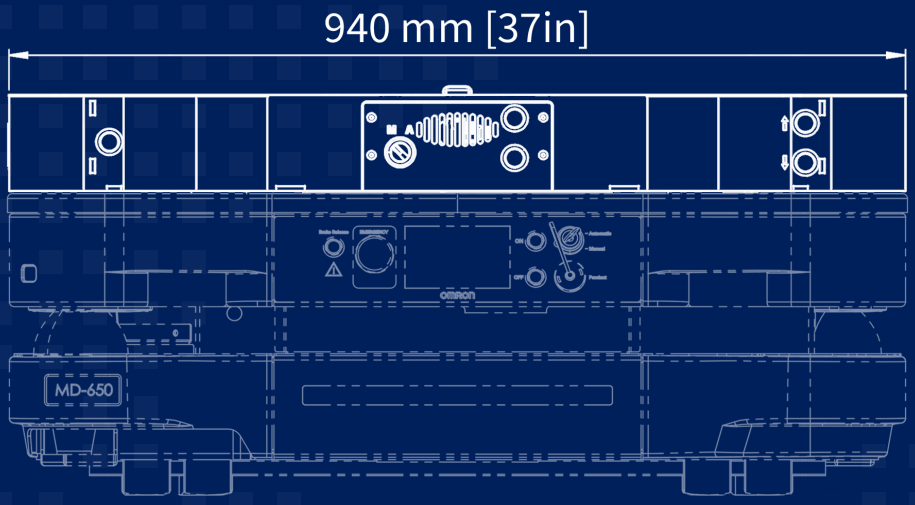
Designated use	For autonomous pickup and delivery of goods
Capable of handling uneven payloads	Keeps platform level - regardless of load distribution
Adjustable stroke length	Supports variable lifting heights up to 80 mm
Overload protection	Prevents damage and ensures safe operation
Lifting speed at max. payload	up to 20 mm/s | 0.8 in/s
High Customization Potential	Enhanced by optional add-ons to adapt to a wide range of specialized industrial tasks
Manual override buttons	Enables manual movement
Smart Recovery System	Features an automatic reset and lowering sequence to minimize downtime after an interruption
Data collection	Error codes and data transfer to AMR
Reliable operation with minimal maintenance	Service intervall for every 200.000 cycles
Expected lifespan	Minimum 600.000 lifts at max. payload

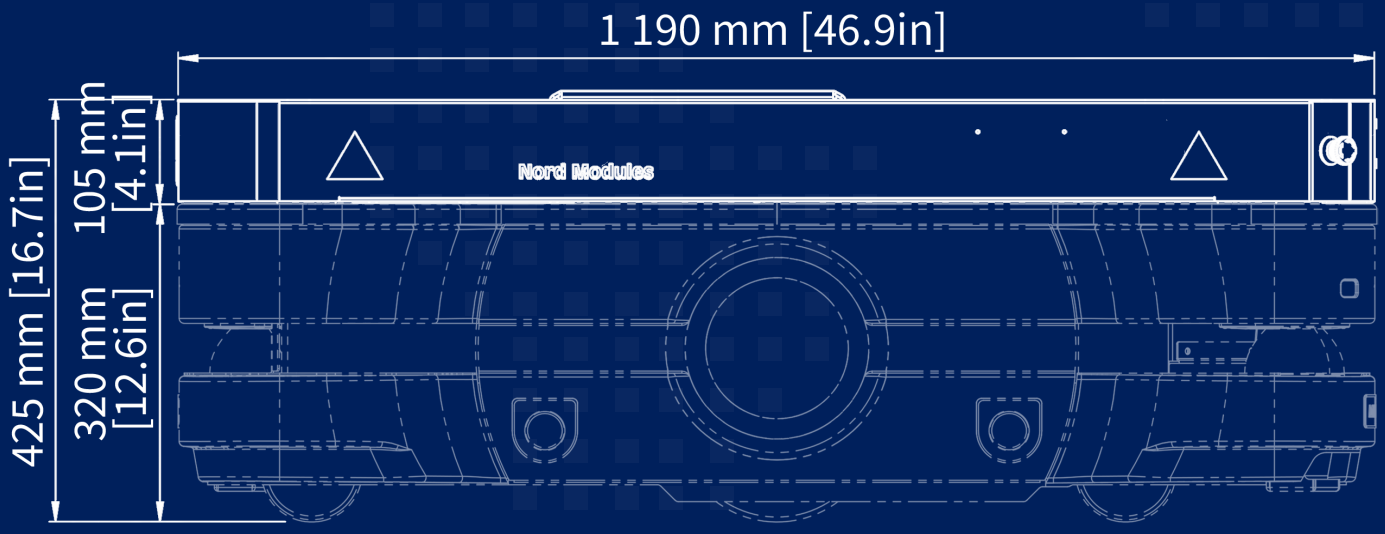
- Plug-and-Play Design
- High-Reliability Engineering
- Rapid Deployment Ready
- Optimized for Maximum ROI

Dimensions

Stroke length	80 mm | 3.15 in
Length	1 190 mm | 46.9 in
Width	940 mm | 37 in
Height	105 mm | 4.13 in

Dimensions without AMR





Standard

1 | Stack Light	Light indicates the current status of the Pallet Lift
2 | Payload Detection Sensor	Detects whether there is an object on the Pallet Lift

Optional Add-ons

3 | Cart Interface	Allows carts to be moved easily
4 | Integrated Blue Light Kit	Lights up a blue spot on the floor in front of the AMR for extra safety
5 | Ok To Enter Response/ Request	Sends a request or waits for a response from the loading station to ensure safe docking