

# NORD PL-US-OMRON MD

Optimize your internal logistics by automating the internal transportation of pallets with the Nord Modules US Pallet Lift top module.

The NORD US Pallet Lift autonomously picks up and delivers pallets in the Pallet Rack.

Stable handling and transport of pallets. It enables the OMRON MD-650 and MD-900 to lift pallets autonomously from the Pallet Rack and lowers the pallet for stable transportation of payloads up to 550 kg for MD-650 and 800 kg for MD-900.



## NORD compatibility



## OMRON compatibility



Designated use	For autonomous pickup and unload of pallets and other lifting applications
Robot compatibility	Omron MD-650 & MD-900
NORD compatibility	NORD Pallet Rack & NORD P&D Cantilever Stand
Weight	100 kg   220 lbs
Max payload capacity	550 & 800 kg   1 212 & 1 763 lbs

Disclaimer

Specifications may vary based on local conditions and application



Track roll principle



Zero to low maintenance



600.000+ lifts



High industrial level of quality



Max payload of 550 & 800 kg

# Specifications



## Performance

Number of lift cycles with max payload	Minimum 600 000
Lifting speed	Up: 4 s - Down: 4s
Data collection	Error codes + data transfer to AMR
Motion type	Servo technology
Function	Manual override buttons
Emergency stops	Emergency stops at all 4 corners

## Dimensions

Length	1 187 mm   46.7 in
Width	944 mm   37.2 in
Height	105 mm   3.94 in
Lifting height	80 mm   3.15 in

## Optional Add-ons

1. Payload detection sensor	Detects whether there is an object on the P&D Stand
2. Barcode system (QR scanner)	For scanning QR/barcode on goods at the gate
3. Payload measurement kit	Weighing the load being transported
4. Blue light signal interface	Connection available for attachment of a blue light