

Nord PM1000-OMRON HD

The Nord Pallet Mover enables the Mobile Robots to pick up and deliver pallets – transporting them to e.g. production lines or packing stations, thereby enhancing internal logistics.

The Pallet Movers integrated technology enables communication to external roller conveyors by wireless signals. A Nord Modules Dock Target can be installed on an existing conveyor line allowing the PM1000 to successfully dock and receive or deliver a pallet.

This fully automated premium solution allows heavy payload transportation of up to 1270 kg to optimize logistics and production.



Nord compatibility



Nord Dock Target & Nord Spacer Kit

OMRON compatibility



OMRON HD-1500

Designated use	For autonomous receive and unload of EU pallets from conveyor
Robot compatibility	Omron HD-1500
Nord compatibility	Nord Dock Target & Nord Spacer Kit
Weight	230 kg 507 lbs
Max. payload capacity	1 270 kg 2 799 lbs (without Nord Spacer Kit)

Disclaimer

Specifications may vary based on local conditions and application



Within footprint of HD-1500



High level of feedback



Transport of EU- and half-size pallets



High industrial level of quality



Max. payload of up to 1270 kg

Specifications



Performance

Pallet speed	200 mm/sec 7.9 in/sec
“Roll through solution“	Loading and delivery from front and rear end
Safety	4-sided guard rails, breaks on all rollers
Automatic synchronization of speed	From 0 mm to 200 mm/sec
Data collection	Error codes + data transfer to AMR

Optional Add-ons

1. Payload detection sensor	Detects whether there is an object at the dock
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

Dimensions

Length	1 650 mm 64.96 in
Width	1 138 mm 44.8 in
Height	171 mm 6.7 in
Height from floor to top of rollers	504 mm 19.84 in (extension up to 800 mm)
Center distance between rollers	95.8 mm 3.8 in
Roller diameter	70 mm 2.75 in
Transport area	1 510 x 1 072 mm 59.45 x 42.2 in