

Nord PM800-MiR

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 Nord Pallet Mover's integrated technology enables communication to external roller conveyors by wireless signals. A Nord Modules dock target can be installed in front of an existing conveyor line allowing the PM800 to successfully dock and receive or deliver a pallet.

This fully automated premium solution allows heavy payload transportation of up to 1200 kg to optimize logistics and production.



Nord compatibility



Nord Dock Target

MiR compatibility



MiR600 & MiR1350

Designated use	For autonomous receive and unload of EU pallets from conveyor
Robot compatibility	MiR500, MiR600, MiR1000, MiR1350
Nord Modules compatibility	Nord Dock Target
MiR part no.	120092
Weight	150 kg 330.7 lbs
Max. payload capacity	1 200 kg 2 646 lbs (see AMR max. load)
Disclaimer	Specifications may vary based on local conditions and application



Within footprint of compatible AMRs



Able to dock from both ends



Transport of EU- and half-size pallets



High industrial level of quality



Max. payload of up to 1200 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
Stack light	Information of operating level and service status

Dimensions

Length	1 344.2 mm 52.9 in
Width	904.2 mm 35.6 in
Height	165 mm 6.5 in
Height from floor to top of rollers	450 mm 17.7 in (extension up to 650 mm)
Center distance between rollers	95.8 mm 3.8 in
Roller diameter	70 mm 2.75 in
Transport area	1 215 x 838.2 mm 47.8 x 33 in