

Nord Quick Mover 220-510

The Nord Quick Mover is a versatile solution for automating internal transportation tasks. Functioning by an integrated lifting mechanism, it efficiently transports goods to and from the Nord Gates and manages the pickup and delivery of the Nord Cart.

With eight optional add-ons, it can be customized to meet specific operational needs. Quick to set up and adaptable to various workflows, it delivers a complete and flexible automation solution for optimized efficiency.

MiR | Go Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

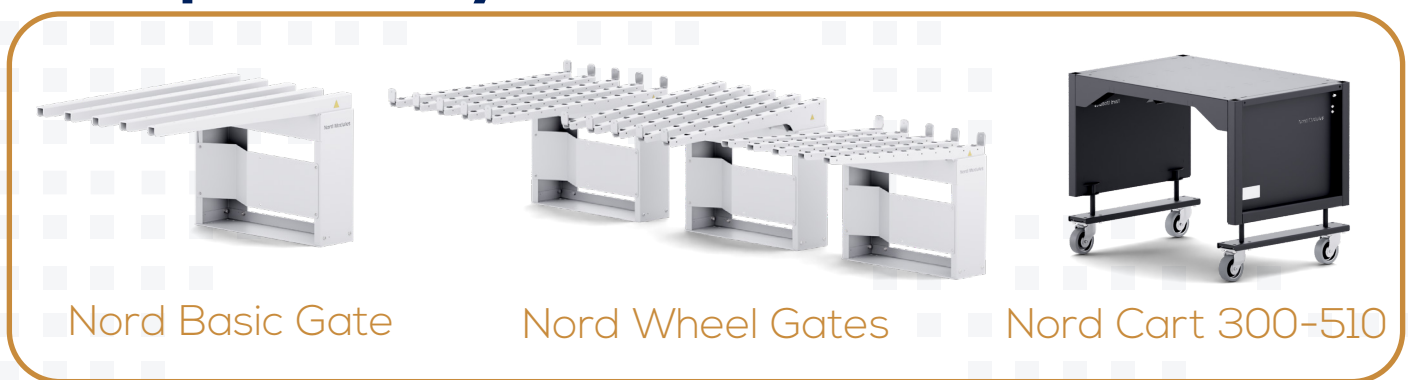
MiR compatibility	MiR250	Product code	QM220-510-01
Weight	36.5 kg 80.5 lbs	Max. lifting capacity	210 kg 463 lbs
Lifting speed	up to 23 mm/s 0.9 in/s	Stroke length	80 mm 3.2 in

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
Auto lowering sequence	For easy recovery (overload and no payload detected)
Lifting speed at max. payload	7.3 mm/s
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

Compatibility



Nord Basic Gate

Nord Wheel Gates

Nord Cart 300-510



Plug-and-Play Design



Maintenance-Free Engineering



Rapid Deployment Ready



Optimized for Maximum ROI

Dimensions

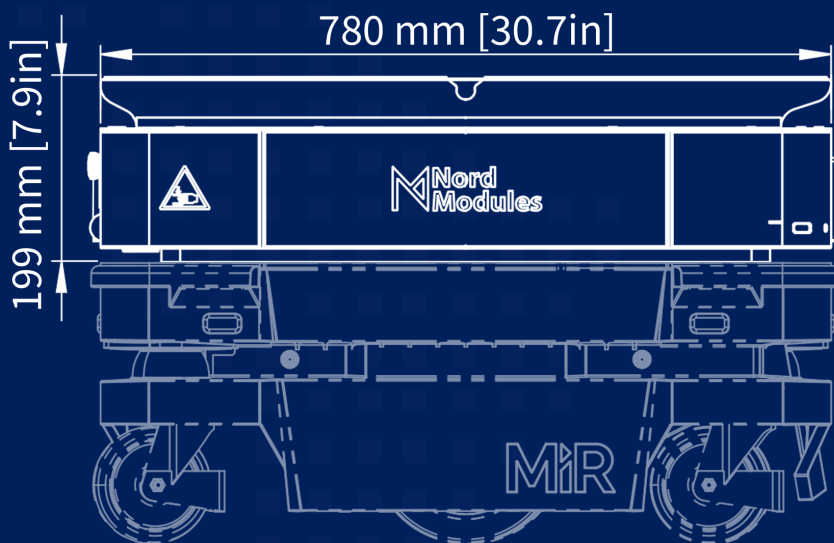
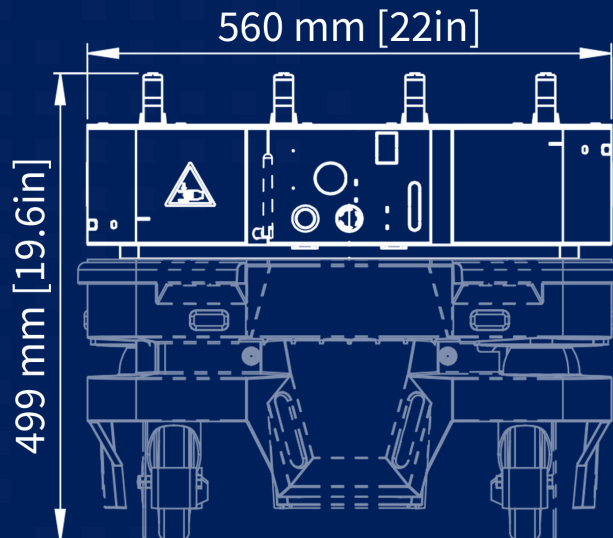
Stroke length 80 mm | 3.15 in

Length 780 mm | 30.7 in

Width 560 mm | 22 in

Height 199 mm | 7.9 in

Dimensions without AMR





Standard

9 | Stack Light

Light indicates the current status of the Quick Mover

Optional Add-ons

1 | Payload Presence on QM

Detects whether there is an object on the Quick Mover

2 | Integrated Blue Light Kit

Lights up a blue spot on the floor in front of the AMR for extra safety

3 | Integrated Code Reader Kit

Scanning QR-Code/Barcode placed on any type of goods on a gate

4 | Payload Presence on Gate

Detects whether there is an object at the Gate

5 | Side Sensor

Dictates when the Quick Mover should raise and lower

6 | Spacer Kit

Increases the height (550mm up to 800mm with a 50mm interval to top of slats)

7 | Payload Measurement Kit

Measures the payload on top of the Quick Mover

8 | Stack Light Tower

Stack Light Tower attachment for extra visibility