

Nord Wheel Gate 510

The Nord Wheel Gate merges with the Nord Quick Mover installed on a MiR robot. It can receive or hold an object, connecting the mobile robot with production lines and storage systems.

The Nord Wheel Gate is designed as a basic standard module that can serve as e.g. a flexible pick-up point or simply be adjusted to specialized work processes. Due to the optimized distance between the arms, the modules deliver great flexibility in terms of load sizes – from small to large items.

MiR | **Go** Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

MiR compatibility

MiR250

Variations

Incline

Horizontal

Decline

Max. payload capacity

75 kg | 165 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	To receive and hold, or hand off payloads from the Quick Mover
Seamless Payload Transfer	Interface perfectly with the Nord Quick Mover
Horizontal (0°)	Standard configuration. Designed for level transfer and stable loading/unloading in standard environments
Incline (+5°)	Delivery-optimized. A gentle upward slope for ergonomic feeding into workstations or higher-level systems
Decline (-5°)	Pickup-optimized. A downward slope for effortless gravity-assisted receiving from conveyors or lower-level equipment
Mounting	Floor mounting
Compact, Robust and Reliable Design	Features a small footprint, simple and fast assembly, and a robust construction for continuous operation
Reliable operation with minimal maintenance	Designed for 24/7 operation with minimal maintenance

Compatibility



Nord Quick Mover 220-510



Plug-and-Play Design



Maintenance-Free Engineering



Rapid Deployment Ready



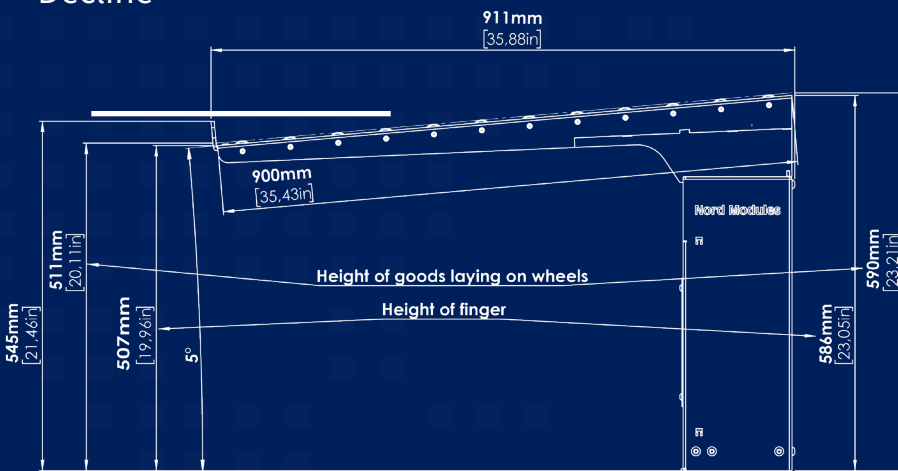
Optimized for Maximum ROI

Dimensions

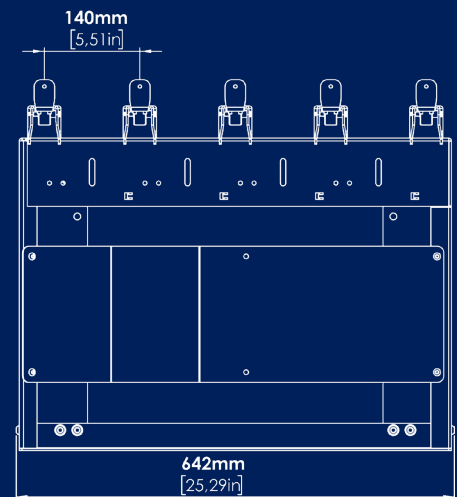
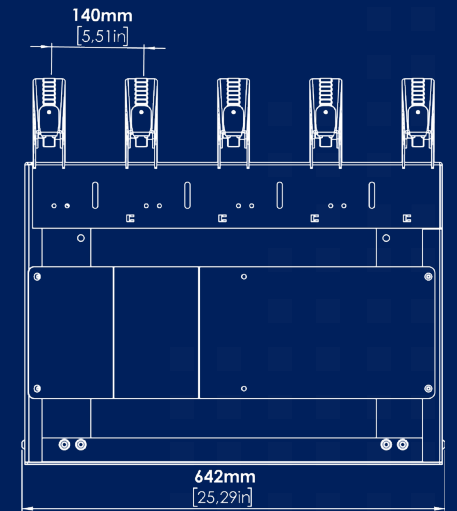
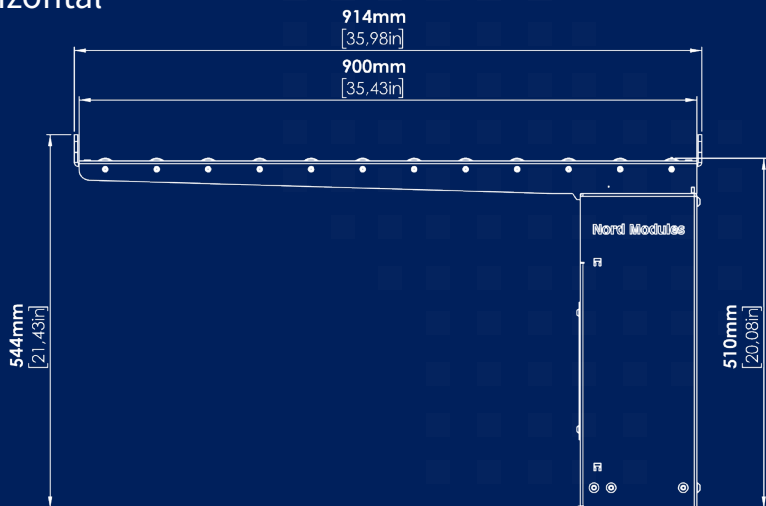
Center distance between arms 140 mm | 5.5 in

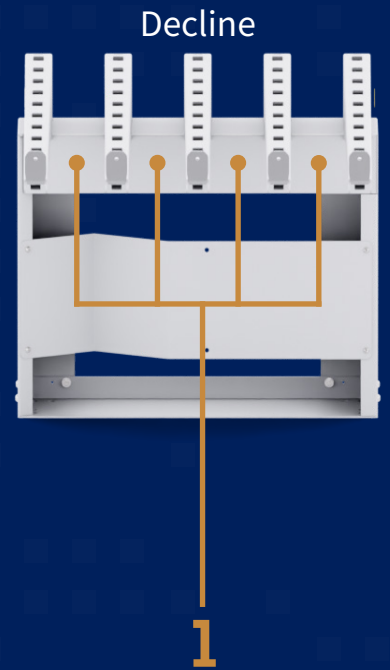
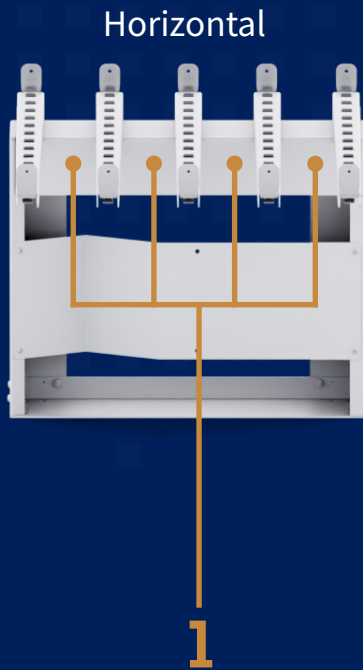
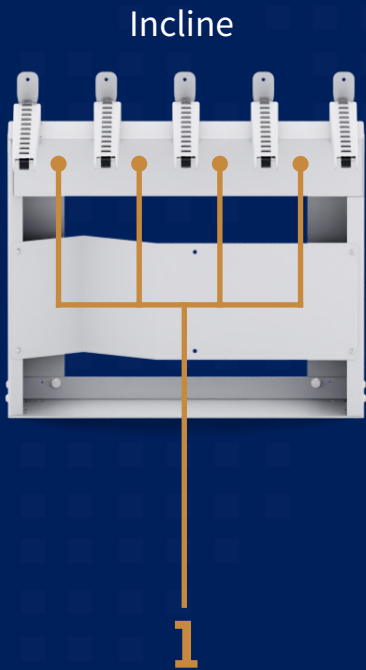
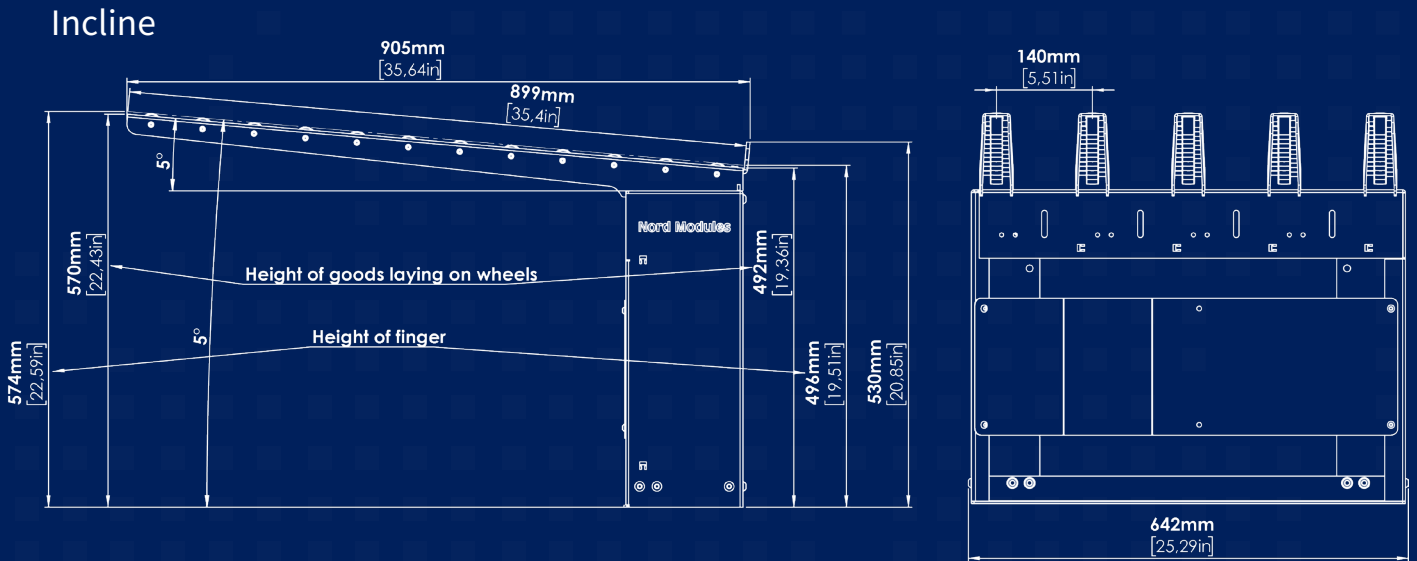
	Horizontal	Incline	Decline
Length	914 mm 36 in	905 mm 35.6 in	911 mm 35.9 in
Width	642 mm 25.3 in	642 mm 25.3 in	642 mm 25.3 in
Height	544 mm 21.4 in	570 mm 22.4 in	586 mm 23.1 in
Angle	0°	+5°	-5°

Decline



Horizontal





Optional Add-ons

1 | Payload Presence on Gate

Detect a payload placed on a gate or Loading Station