

PRODUCT CATALOGUE



Nord Modules
Product Catalogue
for MiR AMRs

THE MOST FLEXIBLE APPLICATIONS FOR AUTONOMOUS MOBILE ROBOTS

Our ready-to-use standard modules enhance
your industrial automation.



www.nord-modules.com

SCAN TO VISIT
NORD MODULES
WEBSITE

About Us

At Nord Modules, we drive the industry forward through innovative and reliable applications for autonomous mobile robots. Our focus is on internal load transfer, delivering standard solutions that ensure superior ROI and industrial quality.

Our **One-System-Fits-All** concept provides unparalleled versatility across production and logistics settings. These safe, ready-to-use products extend the functionality of AMRs, streamlining payload transportation between production lines and storage.

With a growing global distribution network, our expert support is always close at hand. Our dedicated team of engineers ensures every product meets the highest standards of excellence, providing the best possible solution for your business, whether standard or custom.

Contact Us

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Nord Applications



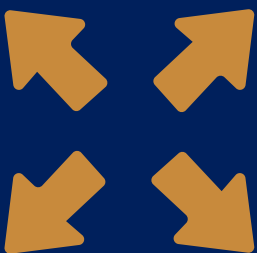
DURABILITY

We ensure that all our products are designed and tested to the highest industrial quality requirements. They are durable, long-lasting, and capable of high performance even in a tough factory environment.



VERSATILITY

We transform production and logistics with our innovative, quality-assured One-System-Fits-All. Our fully compatible products allow one top module to handle diverse tasks and integrate various robot solutions.



SPACE-SAVING

We are focused on constantly optimizing our products so they have the smallest footprint possible to optimize your valuable floor space.



SAFETY

We place a strong emphasis on ensuring the safety and reliability of our modules, incorporating advanced safety features and emergency stop buttons to ensure safe operation.



Erik Mønster
CEO of Nord Modules

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At Nord Modules, we believe in delivering innovative and reliable mobile robot applications that provide superior ROI. Our commitment to durability, safety, space-saving, and module flexibility sets us apart as a leader in the industry, and our **One-System-Fits-All** solution allows for unparalleled versatility and adaptability. Let us help you streamline your operations with cutting-edge technology."

Nord Product

QUICK MOVERS QUICK LIFTS

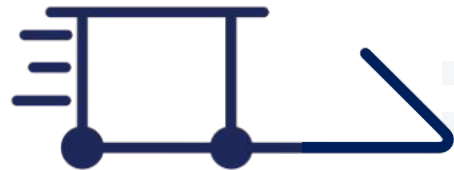


Nord Quick Movers are compact, versatile top modules with a built-in lifting mechanism, making it easy to transport and handle goods efficiently. Designed to be reliable and cost-effective, Quick Movers help boost productivity while lowering operational costs.

Nord Quick Mover 220-510

Nord Quick Lift 220-510

CART MOVER



Nord Cart Movers are top modules engineered to automate the transport and handling of mobile carts. By enabling AMRs to autonomously dock, lift and tow carts, they provide a flexible solution for high-volume internal logistics and optimized material flow.

Nord Cart Mover - MiR 250

LIFTERS

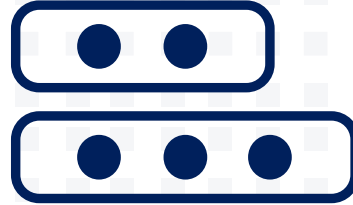


Nord Lifters are powerful top modules built to automate material handling and improve internal logistics. With their unique patented lift design, they enable AMRs to autonomously lift and pick up goods, making them a flexible solution for efficient material transport.

Nord Lift EU

Nord Lift Platform

CONVEYORS



Nord Conveyors are efficient top modules designed to pick up and deliver material to and from production lines or packing stations. With integrated wireless communication, they connect seamlessly to external roller conveyors, enhancing workflow efficiency.

Nord Pallet Mover 800

Nord Pallet Mover 1000

Nord Pallet Mover 1200

ACCESSORIES



Nord Modules offers a range of accessories designed to enhance material handling and improve internal logistics. These accessories seamlessly integrate with other top modules and enhance their capabilities, ensuring compatibility and efficiency.

Nord Gates

Nord Carts

Nord Dock Target

Nord Basic Rack

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	up to 80 mm 3.15 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



High-Reliability
Engineering



Rapid Deployment
Ready



Optimized for
Maximum ROI



Dimensions

Stroke length

80 mm | 3.15 in

Length

780 mm | 30.7 in

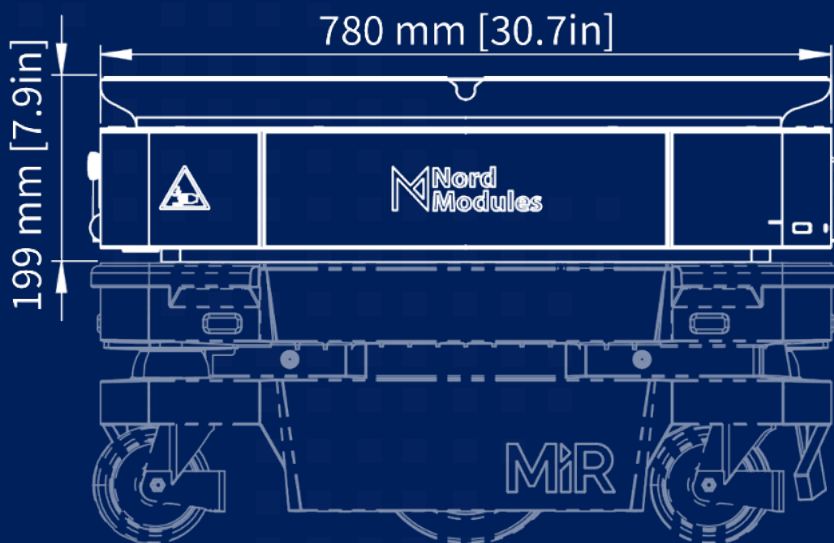
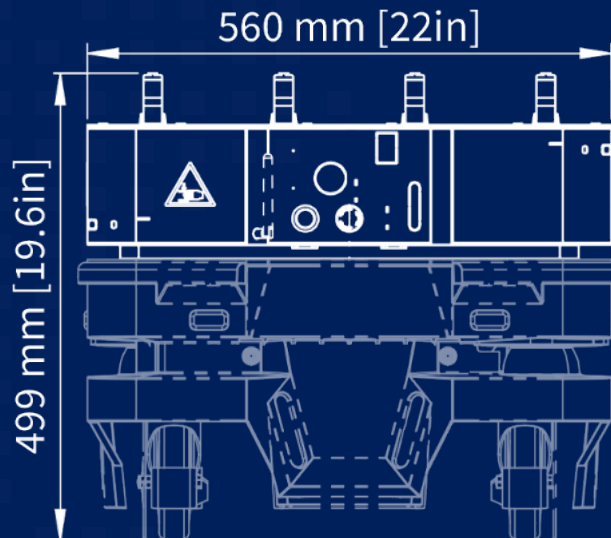
Width

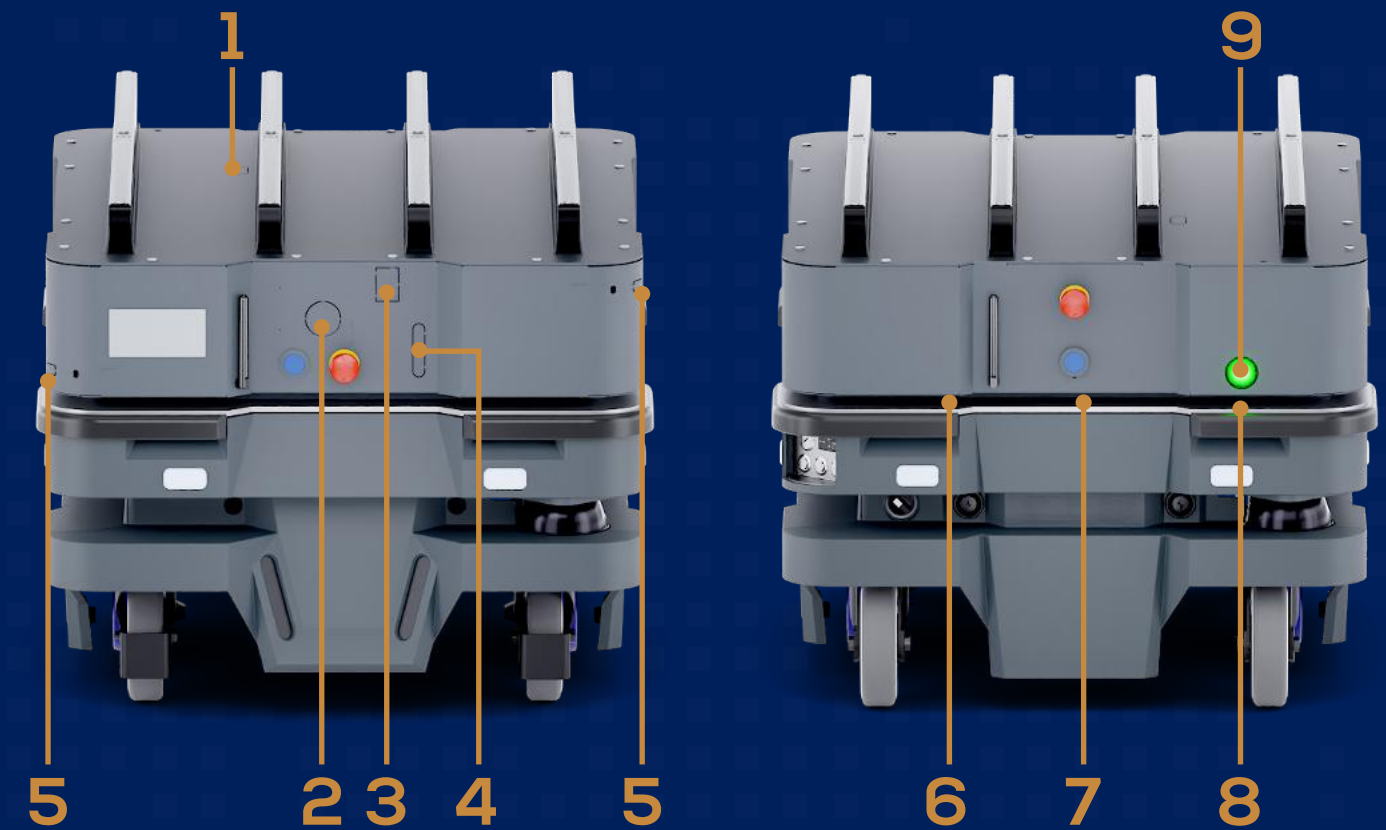
560 mm | 22 in

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

Nord Quick Lift 220-510

Engineered for maximum flexibility and security, the Nord Quick Lift can be modified by the user to fasten any custom tooling or to place sensors through the lift, is perfect for handling pallets, crates, racks, and more, ensuring seamless transitions between different load types with minimal adjustments.

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	34 kg 75 lbs	Max. lifting capacity	210 kg 463 lbs
Lifting speed	up to 23 mm/s 0.9 in/s	Stroke length	up to 80 mm 3.15 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
Lifting speed at max. payload	7.3 mm/s
High Customization Potential	Enhanced by 8 optional add-ons to adapt to a wide range of specialized industrial tasks
Precision Motion Control	Ensures smooth and stable vertical movement for sensitive or fragile payloads
Smart Recovery System	Features an automatic reset and lowering sequence to minimize downtime after an interruption
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



Plug-and-Play
Design



High-Reliability
Engineering



Rapid Deployment
Ready



Optimized for
Maximum ROI

Dimensions

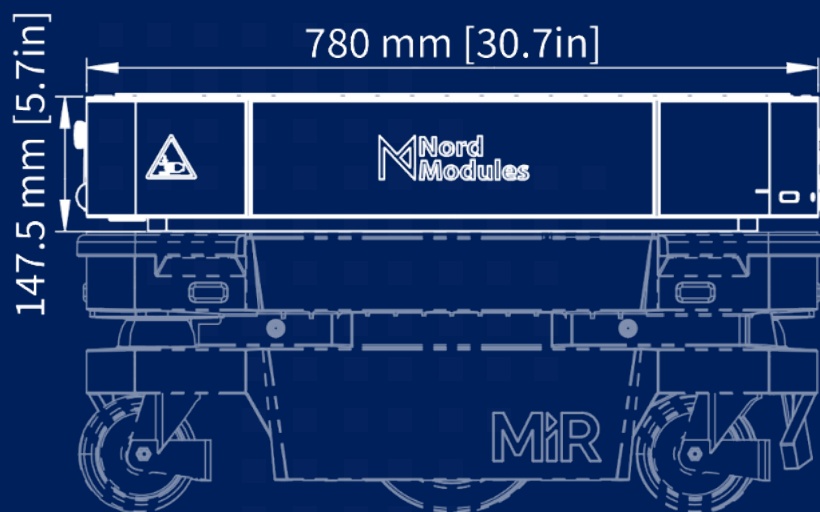
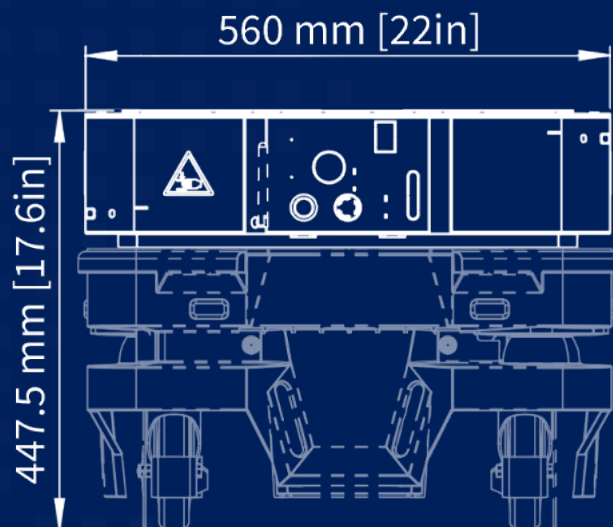
Stroke length 80 mm | 3.15 in

Length 780 mm | 30.7 in

Width 560 mm | 22 in

Height 148 mm | 5.7 in

Dimensions without AMR





Standard

9 | Stack Light

Light indicates the current status of the Quick Lift

Optional Add-ons

1 Payload Presence on QL	Detects whether there is an object on the Quick Lift
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 Doc. st.	Detects whether there is an object on the Docking station
5 Side Sensor	Dictates when the Quick Lift should raise and lower Increases the height (550mm up to 800mm with a 50mm interval to top of slats)
6 Spacer Kit	
7 Payload Measurement Kit	Measures the payload on top of the Quick Lift
8 Stack Light Tower	Stack Light Tower attachment for extra visibility

Nord Cart Mover – MiR 250

The Nord Cart Mover for MiR250 is an ultra-slim automation solution designed exclusively for the transportation of the Nord Cart 300-385. With a low profile of just 25 mm, it offers a high-capacity transport system in a remarkably compact form.

Engineered to minimize footprint and maximize efficiency, this space-saving application is the ideal choice for environments where every millimeter counts. It delivers a streamlined, reliable, and flexible solution for optimized cart handling without taking up unnecessary space.



Specifications

MiR compatibility	MiR250	Product code	Nord Cart Mover V1 - MiR 250
Weight	31.8 kg 70 lbs	Max. payload capacity	300 kg 661 lbs
Lifting speed	Up: 6.0 s – Down: 5.5 s	Stroke length	35 mm 1.4 in

Specifications may vary based on local conditions and application

Product Description

Designated use	For autonomous pickup and unload of carts with payload
Ultra-slim profile	Height of just 25 mm above the AMR platform for maximum space efficiency
Specialized docking	Secure mechanical engagement for stable cart movement
Operational precision	Engineered for perfect alignment with the Nord Cart 300-385
Infrastructure-Free	No external docking infrastructure required. The AMR navigates and docks directly to the cart for a fully flexible workflow
Full MiR Synergy	Seamlessly integrates with MiR250 software and safety systems
Reliable operation with minimal maintenance	Service intervall for every 100.000 cycles
Expected lifespan	Minimum 300.000 lifts at max. payload

Compatibility



Nord Cart 300-385



Plug-and-Play
Design



High-Reliability
Engineering



Rapid Deployment
Ready



Optimized for
Maximum ROI

Dimensions

Length 1 005 mm | 39.6 in

Width 568 mm | 22.4 in

Height above AMR platform 25 mm | 0.98 in

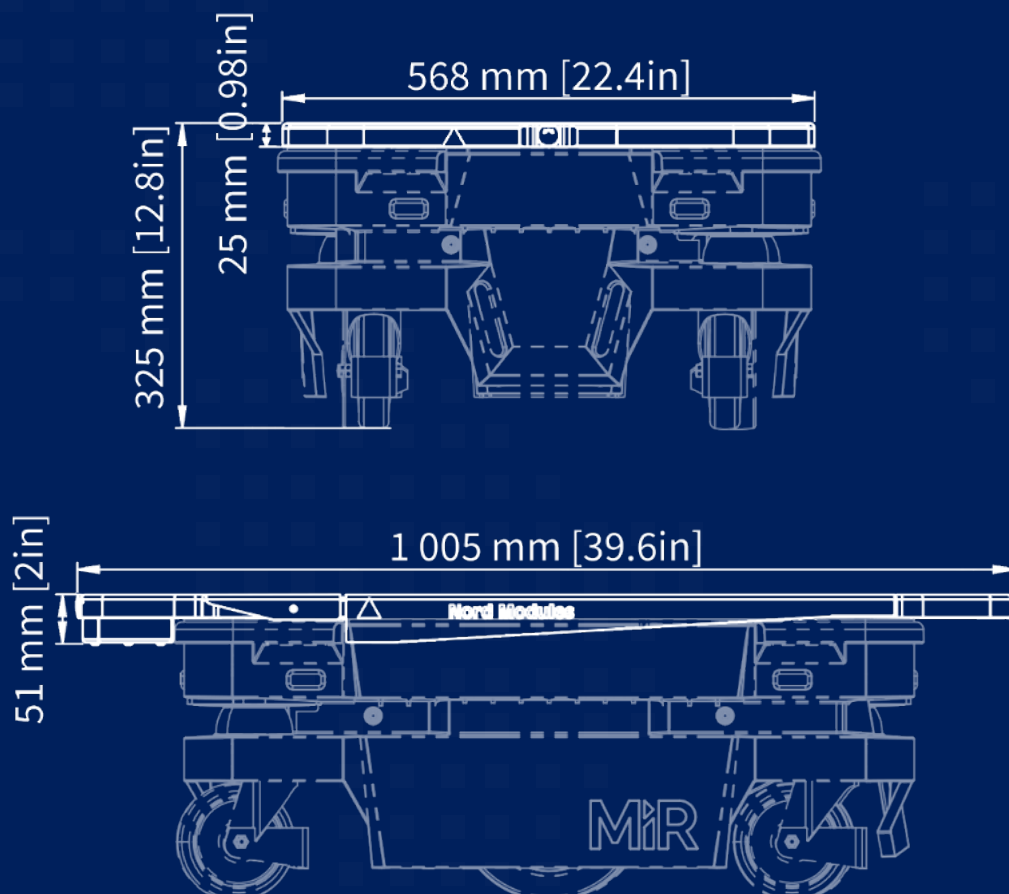
Height is measured from the top of the AMR to the top of the Cart Mover

Dimensions without AMR

Top module realized



Top module mounted on AMR





Standard

1 | Manual lowering button

Manually lowers the platform

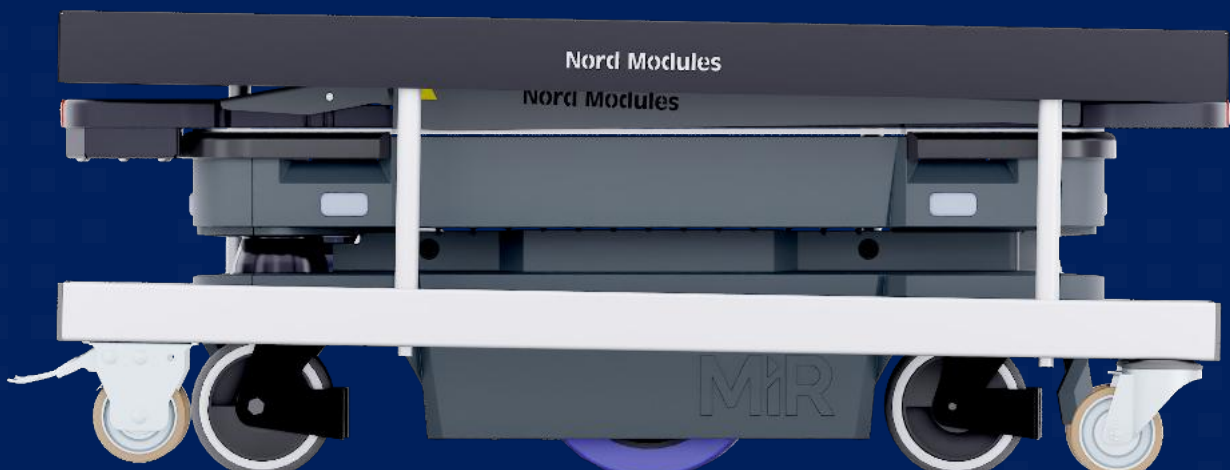
2 | Cart Interface

Secure mechanical engagement for stable cart movement

Optional Add-ons

3 | Integrated Blue Light Kit

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



Nord Lift EU

Optimize your internal logistics by automating the internal transportation of pallets with the Nord Lift EU. The top module autonomously picks up and delivers pallets in the Pallet Rack.

Stable handling and transport of EU size pallets. It enables the MiR AMRs to lift pallets autonomously from the Pallet Rack and lowers the pallet for stable transportation of payloads up to 1266 kg.

MiR | Go Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

Weight	84 kg 185.2 lbs		Product code	PL-EU-MiR-02
Lifting speed	up to 17 mm/s 0.7 in/s		Stroke length	up to 60 mm 2.4 in
Compatibility	MiR500	MiR600	MiR1000	MiR1350
Max. payload capacity	416 kg 917 lbs	516 kg 1 138 lbs	916 kg 2 019 lbs	1 266 kg 2 791 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	For autonomous pickup and unload of EU-sized pallets
Capable of handling uneven payloads	Keeps platform level - regardless of load distribution
Adjustable stroke length	Supports variable lifting heights up to 60 mm 2.4 in
Overload protection	Prevents damage and ensures safe operation
Auto lowering sequence	For easy recovery (overload and no payload detected)
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 Rack



MiR Pallet Rack



Plug-and-Play Design



High-Reliability Engineering



Rapid Deployment Ready



Optimized for Maximum ROI

Dimensions

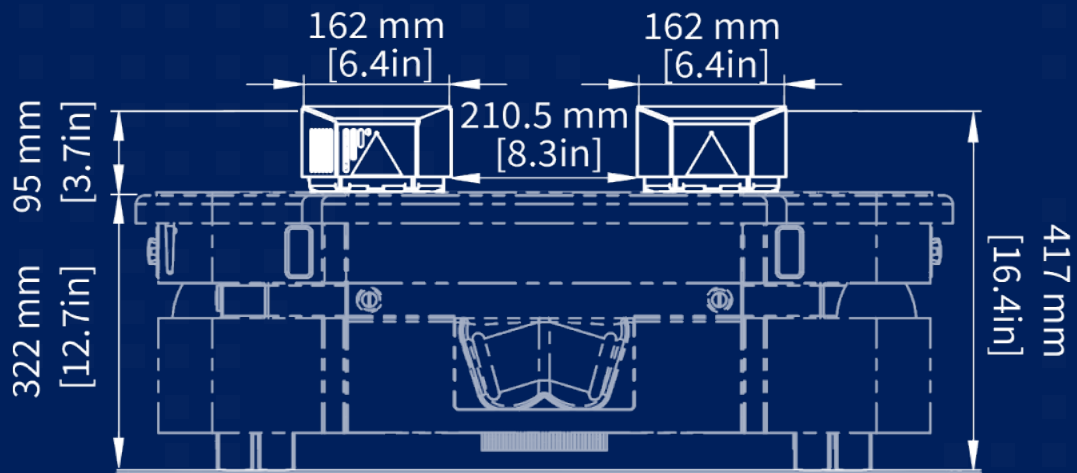
Stroke length 60 mm | 2.4 in

Length 1 340 mm | 52.8 in

Width 2 x 162 mm | 2 x 6.4 in

Height 95 mm | 3.7 in

Dimensions without AMR

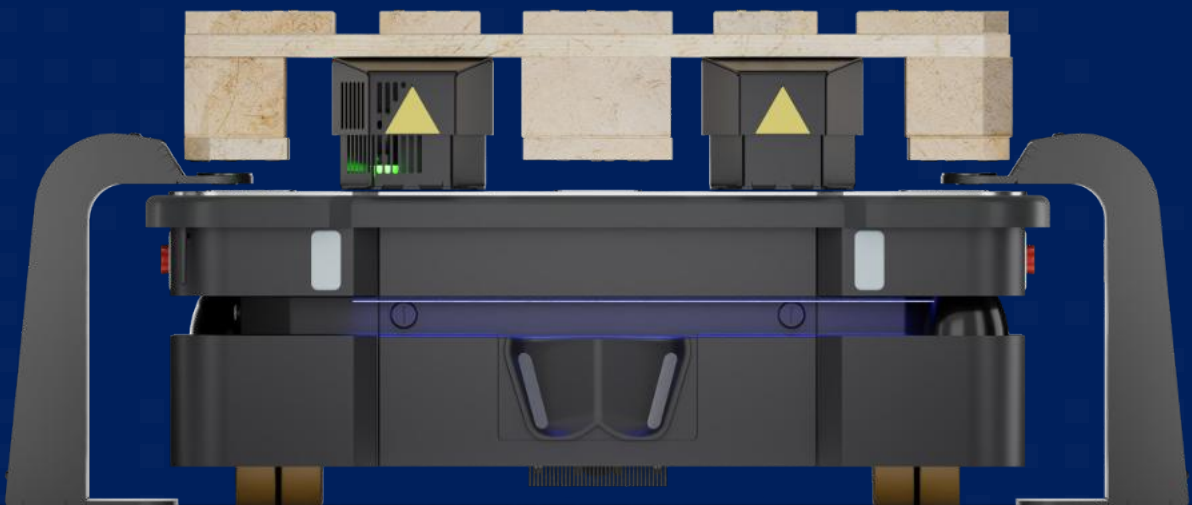




Standard

1 | Stack Light

Light indicates the current status of the Pallet Lift



Nord Lift Platform

Optimize your internal logistics by automating the internal transportation of pallets with the Nord Lift Platform. Nord Modules Lift Platform autonomously picks up and delivers pallets in the Bas Rack.

Stable handling and transport of pallets up to 40x48". It enables the MiR AMRs to lift pallets autonomously from the Pallet Rack and lowers the pallet for stable transportation of payloads up to 1238 kg.

MiR | **Go** Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

Weight	112 kg 246.9 lbs		Product code	PL-US-MiR-01
Lifting speed	up to 17 mm/s 0.7 in/s		Stroke length	up to 60 mm 2.4 in
Compatibility	MiR500	MiR600	MiR1000	MiR1350
Max. payload capacity	388 kg 855 lbs	488 kg 1 076 lbs	888 kg 1 958 lbs	1 238 kg 2 729 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	For autonomous pickup and unload of various lifting applications
Capable of handling uneven payloads	Keeps platform level - regardless of load distribution
Adjustable stroke length	Supports variable lifting heights up to 60 mm 2.4 in
Overload protection	Prevents damage and ensures safe operation
Auto lowering sequence	For easy recovery (overload and no payload detected)
Data collection	Error codes and data transfer to AMR
Tooling mount locations	Threaded holes in the platform and frame
Reliable operation with minimal maintenance	Service intervall for every 200.000 cycles
Expected lifespan	Minimum 600.000 lifts at max. payload

Compatibility



Nord Basic Rack



MiR Pallet Rack



Plug-and-Play Design



High-Reliability Engineering



Rapid Deployment Ready



Optimized for Maximum ROI

Dimensions

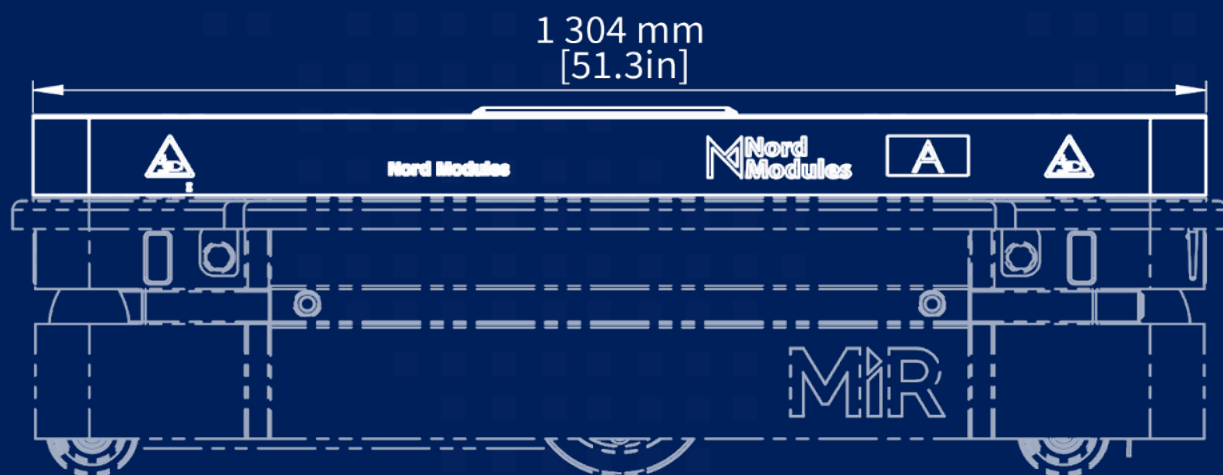
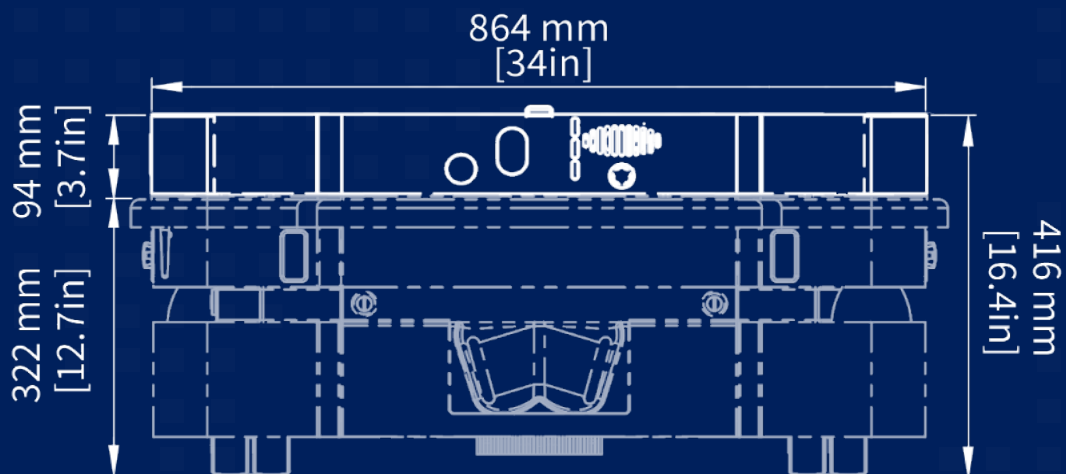
Stroke length 60 mm | 2.4 in

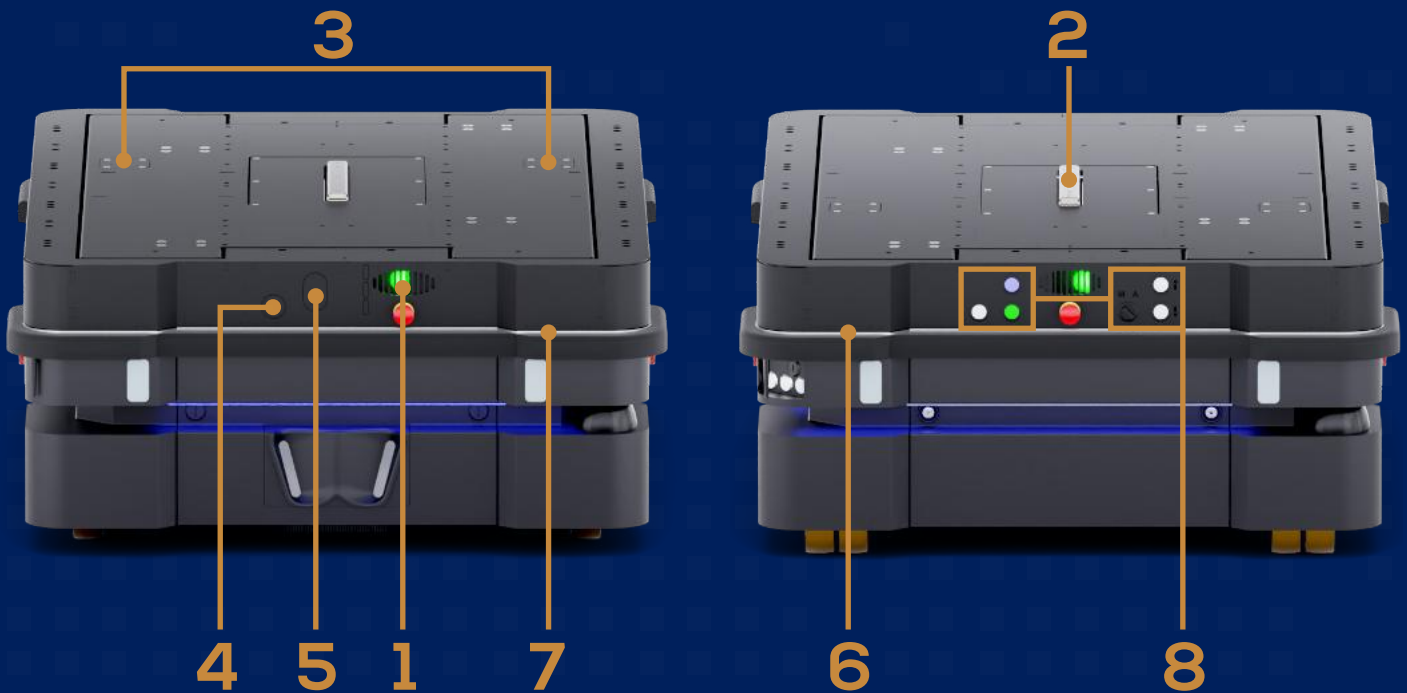
Length 1 304 mm | 51.34 in

Width 864 mm | 34.02 in

Height 94 mm | 3.7 in

Dimensions without AMR





Standard

1 Stack Light	Light indicates the current status of the Pallet Lift
2 Payload Detection Sensor	Detects whether there is an object on the Pallet Lift
8 Manual override buttons	Manual movement

Optional Add-ons

3 Cart Interface	Allows carts to be moved easily
4 Integrated Blue Light Kit	Lights up a blue spot on the floor in front of the AMR for extra safety
5 Integrated Code Reader Kit	Scanning QR-Code/Barcode placed on any type of goods
6 Payload Measurement Kit	Measures the weight of the payload
7 Spacer Kit	Increases the height (from 417mm up to 817mm to top module)

Nord Pallet Mover 800

The Nord Pallet Mover 800 enables the MiR AMRs 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 Dock Target can be installed in front of an existing conveyor line allowing the PM800 to successfully dock and receive or deliver a pallet.

MiR | Go Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

Weight	160 kg 352.7 lbs		Product code	PM800-MiR-03
Rollers speed	up to 200 mm/s 7.9 in/s			
Compatibility	MiR500	MiR600	MiR1000	MiR1350
Max. payload capacity	340 kg 750 lbs	340 kg 970 lbs	840 kg 1 852 lbs	1 190 kg 2 624 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	For autonomous pickup and unload of EU pallets from the conveyor
“Roll through solution”	Loading and delivery from front and rear ends
Adjustable rollers speed	Automatic synchronization of speed up to 200 mm/s 7.9 in/s
Safety	Prevents damage and ensures safe operation
Auto lowering sequence	For easy recovery (overload and no payload detected)
Smart Handling	Automatic centering of pallet load
Data collection	Error codes and data transfer to AMR
Reliable operation with minimal maintenance	Service intervall for every 20.000 cycles
Expected lifespan	Minimum 600.000 cycles at max. payload

Compatibility



Nord Dock Target



Plug-and-Play
Design



High-Reliability
Engineering



Rapid Deployment
Ready



Optimized for
Maximum ROI

Dimensions

Maximum dimensions of payload 1 200 x 800 mm | 47.2 x 31.5 in

Length 1 344 mm | 52.9 in

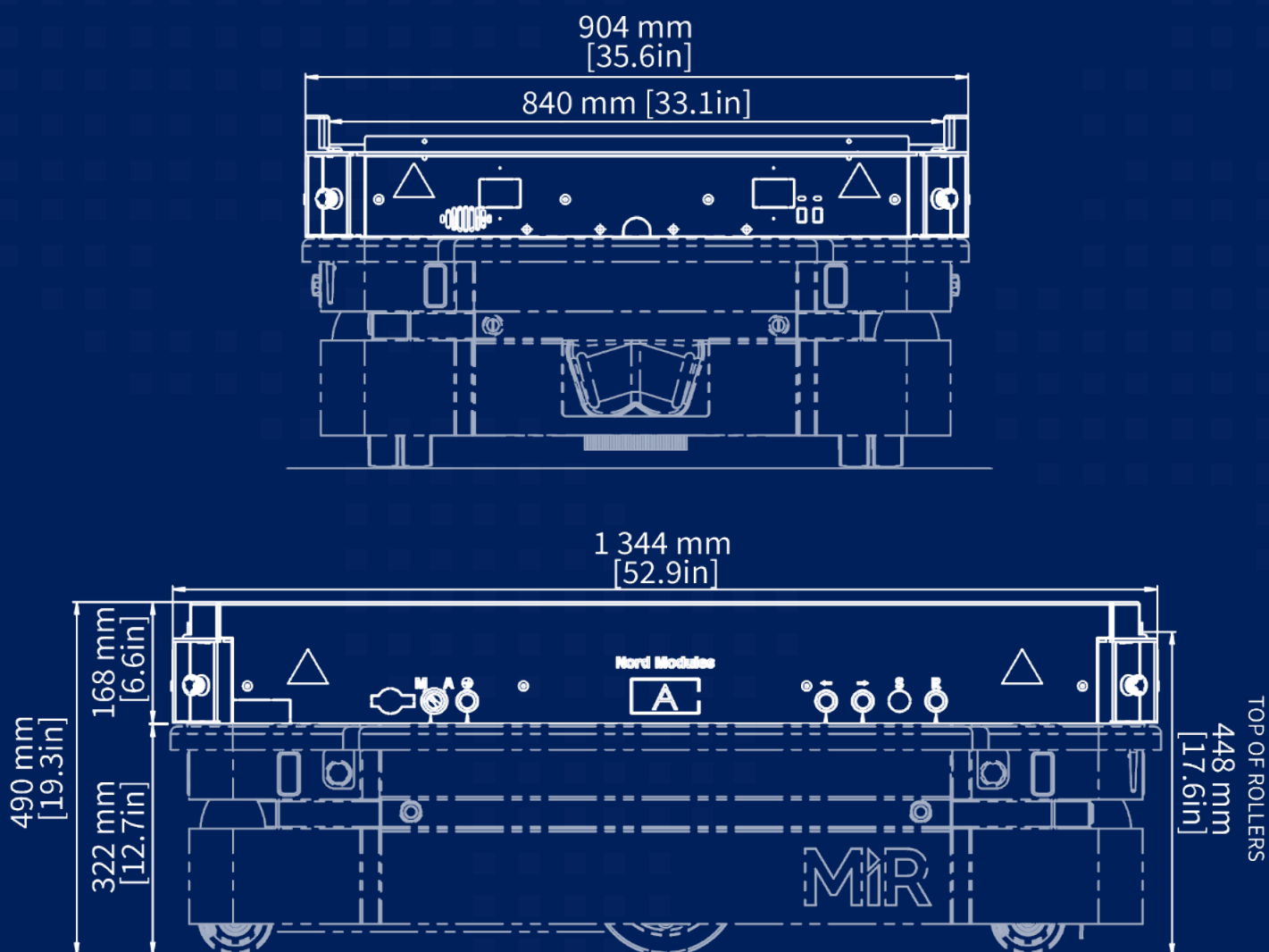
Width 904 mm | 35.6 in

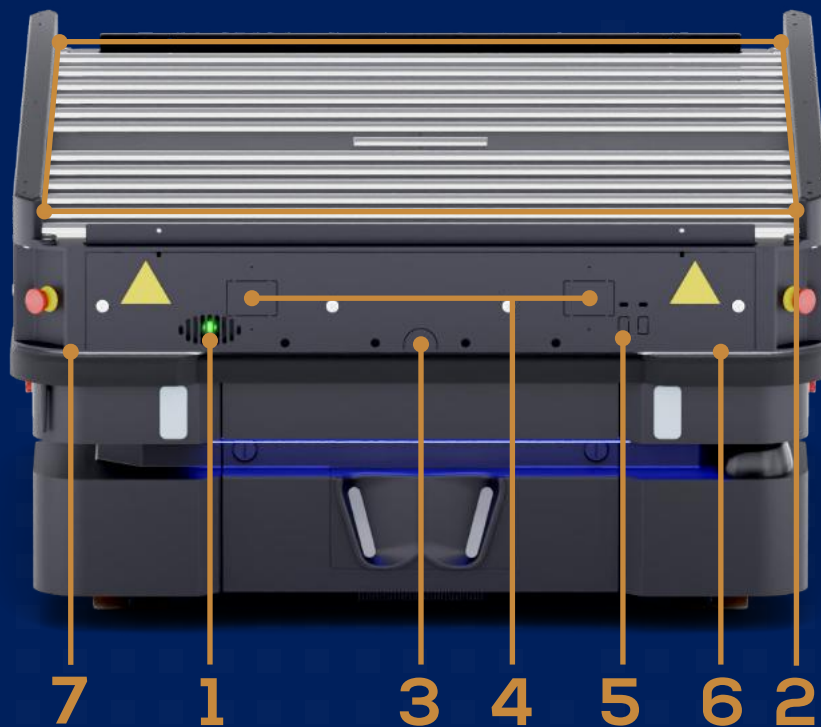
Width between side covers 840 mm | 33.1 in

Height 168 mm | 6.6 in

From floor to top of rollers 448 mm | 17.6 in

Dimensions without AMR





Standard

1 | Stack Light

Light indicates the current status of the Pallet Mover

2 | Pallet Detection Sensors

Detects the presence of a pallet during loading and unloading for a secure handover

Optional Add-ons

3 | Integrated Blue Light Kit

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

4 | Integrated Code Reader Kit

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

5 | Docking Distance Sensor

Measuring the correct position of Pallet Mover to Loading Station

6 | Ballast Plate

Lower the center of gravity of robot application (integrated into the Spacer Kit)

7 | Spacer Kit

Increases the height (from 449mm up to 825mm to top of rollers)

Nord Pallet Mover 1000

The Nord Pallet Mover 1000 enables the MiR AMRs 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 Dock Target can be installed in front of an existing conveyor line allowing the PM1000 to successfully dock and receive or deliver a pallet.

MiR | Go Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

Weight	185 kg 408 lbs		Product code	PM1000-MiR-03
Rollers speed	up to 200 mm/s 7.9 in/s			
Compatibility	MiR500	MiR600	MiR1000	MiR1350
Max. payload capacity	315 kg 694 lbs	415 kg 915 lbs	815 kg 1 797 lbs	1 165 kg 2 568 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	For autonomous pickup and unload of EU/US pallets from the conveyor
“Roll through solution”	Loading and delivery from front and rear ends
Adjustable rollers speed	Automatic synchronization of speed up to up to 200 mm/s 7.9 in/s
Safety	Prevents damage and ensures safe operation
Auto lowering sequence	For easy recovery (overload and no payload detected)
Smart Handling	Automatic centering of pallet load
Data collection	Error codes and data transfer to AMR
Reliable operation with minimal maintenance	Service intervall for every 20.000 cycles
Expected lifespan	Minimum 600.000 cycles at max. payload

Compatibility



Nord Dock Target



Plug-and-Play
Design



High-Reliability
Engineering



Rapid Deployment
Ready



Optimized for
Maximum ROI

Dimensions

Maximum dimensions of payload 1 020 x 1 220 mm | 40.2 x 48 in

Length 1 344 mm | 52.9 in

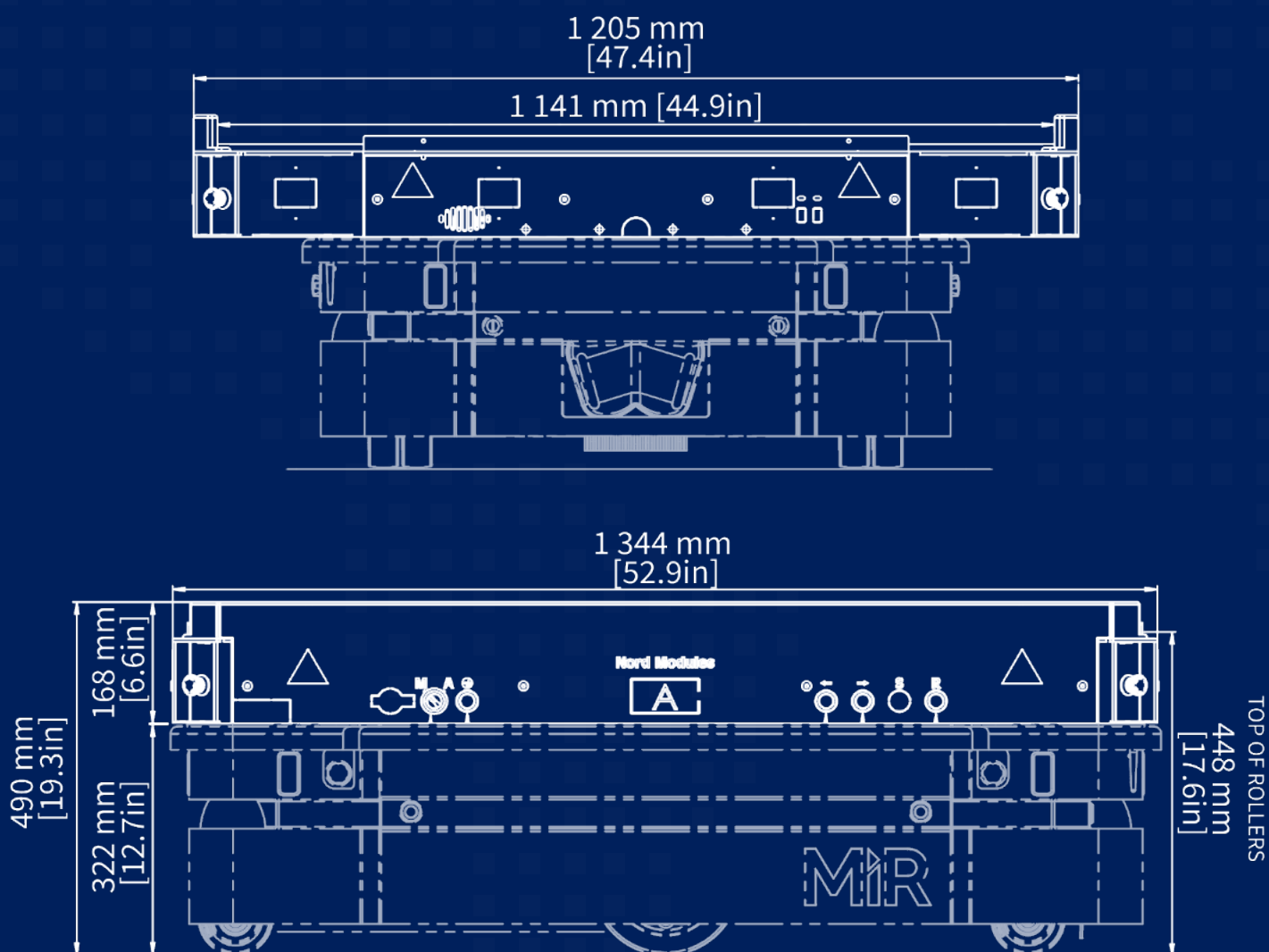
Width 1 205 mm | 47.4 in

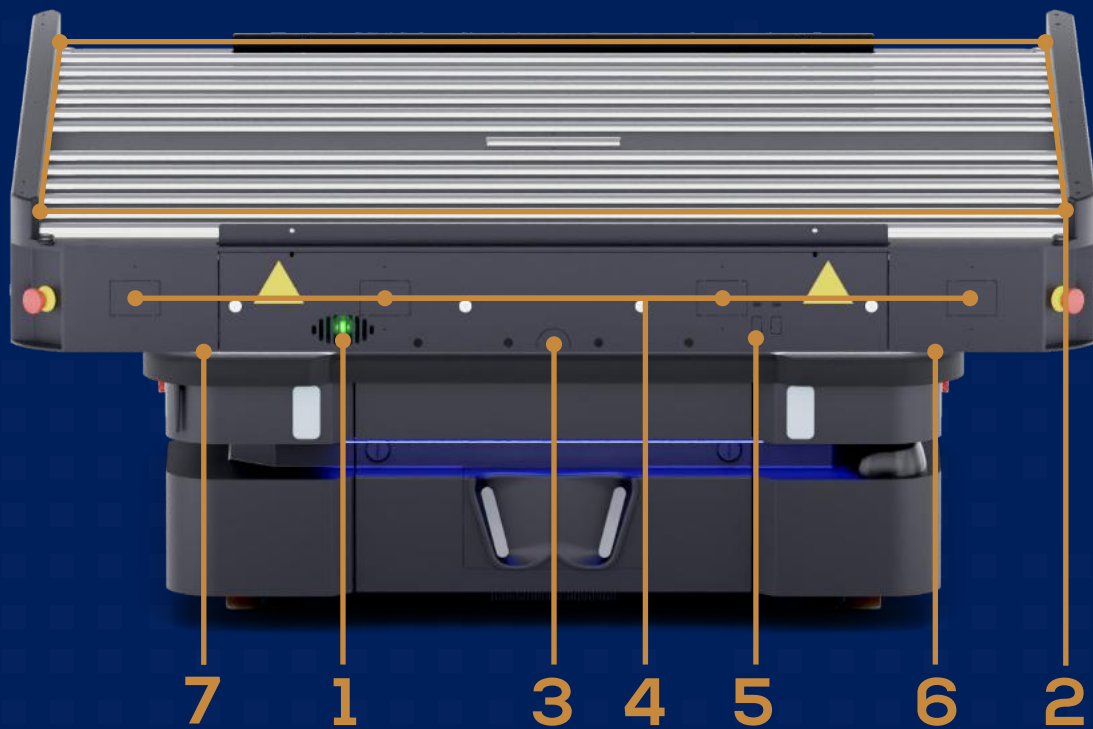
Width between side covers 1 141 mm | 44.9 in

Height 168 mm | 6.6 in

From floor to top of rollers 448 mm | 17.6 in

Dimensions without AMR





Standard

1 | Stack Light

Light indicates the current status of the Pallet Mover

2 | Pallet Detection Sensors

Detects the presence of a pallet during loading and unloading for a secure handover

Optional Add-ons

3 | Integrated Blue Light Kit

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

4 | Integrated Code Reader Kit

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

5 | Docking Distance Sensor

Measuring the correct position of Pallet Mover to Loading Station

6 | Ballast Plate

Lower the center of gravity of robot application (integrated into the Spacer Kit)

7 | Spacer Kit

Increases the height (from 449mm up to 825mm to top of rollers)

Nord Pallet Mover 1200

The Nord Pallet Mover 1200 enables the MiR AMRs 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 Dock Target can be installed in front of an existing conveyor line allowing the PM1200 to successfully dock and receive or deliver a pallet.

MiR | Go Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

Weight	215 kg 474 lbs		Product code	PM1200-MiR-01
Rollers speed	up to 200 mm/s 7.9 in/s			
Compatibility	MiR500	MiR600	MiR1000	MiR1350
Max. payload capacity	285 kg 628 lbs	385 kg 849 lbs	785 kg 1 731 lbs	1 135 kg 2 502 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	For autonomous pickup and unload of EU/US pallets from the conveyor
“Roll through solution”	Loading and delivery from front and rear ends
Adjustable rollers speed	Automatic synchronization of speed up to up to 200 mm/s 7.9 in/s
Safety	Prevents damage and ensures safe operation
Auto lowering sequence	For easy recovery (overload and no payload detected)
Smart Handling	Automatic centering of pallet load
Data collection	Error codes and data transfer to AMR
Reliable operation with minimal maintenance	Service intervall for every 20.000 cycles
Expected lifespan	Minimum 600.000 cycles at max. payload

Compatibility



Nord Dock Target



Plug-and-Play Design



High-Reliability Engineering



Rapid Deployment Ready



Optimized for Maximum ROI

Dimensions

Maximum dimensions of payload 1 220 x 1 220 mm | 48 x 48 in

Length 1 344 mm | 52.9 in

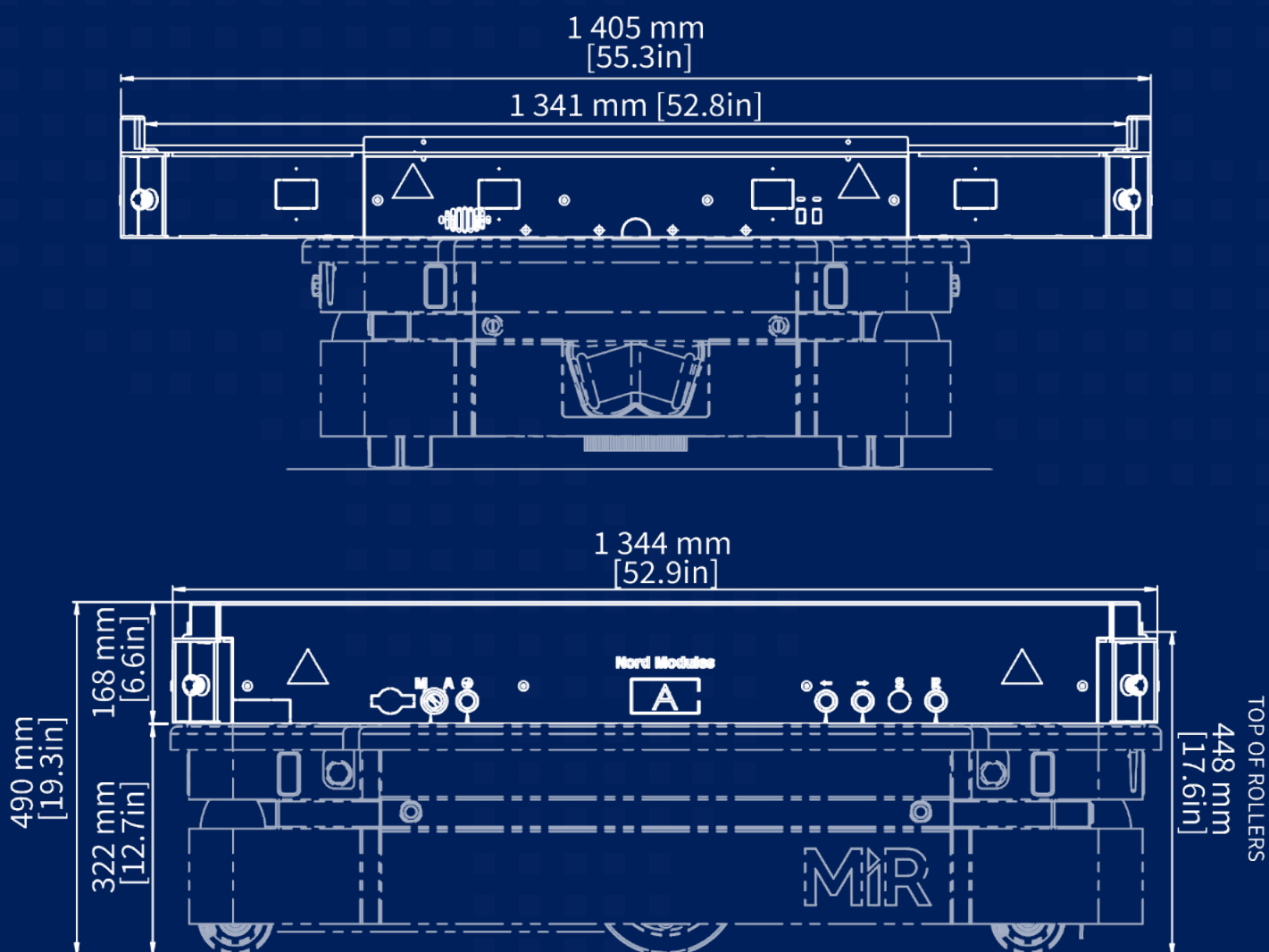
Width 1 405 mm | 55.3 in

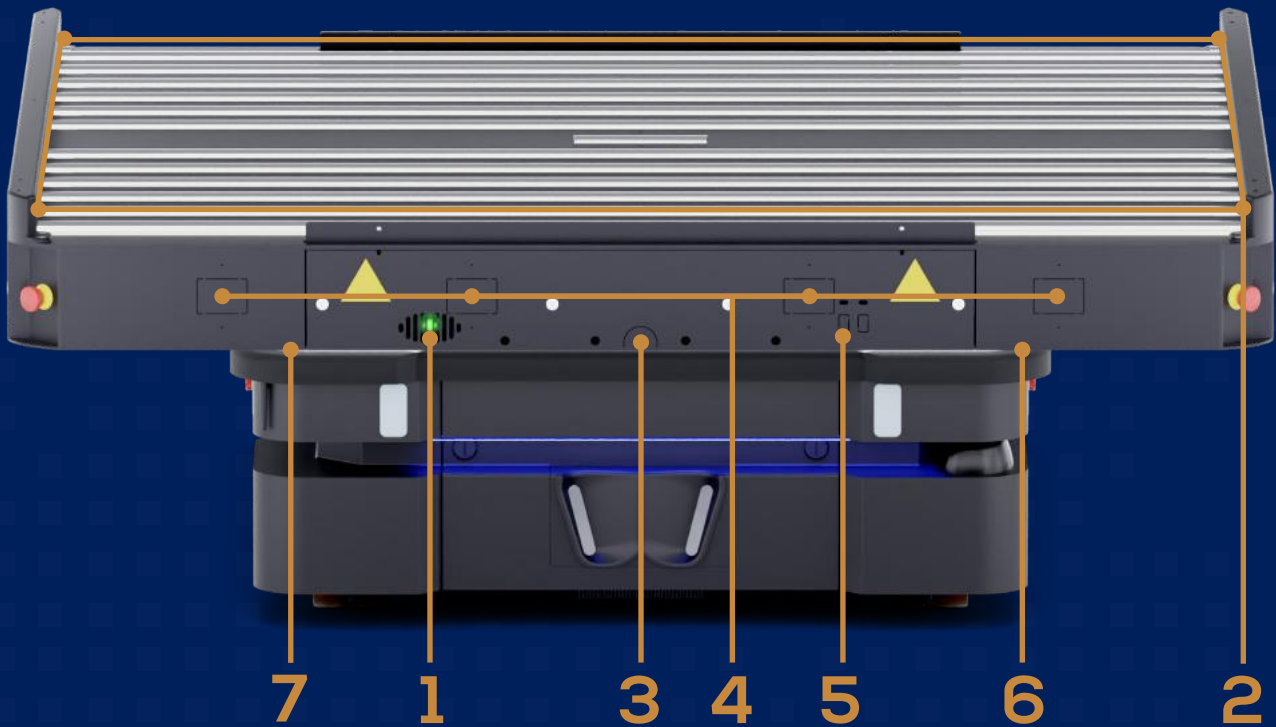
Width between side covers 1 341 mm | 52.8 in

Height 168 mm | 6.6 in

From floor to top of rollers 448 mm | 17.6 in

Dimensions without AMR





Standard

1 | Stack Light

Light indicates the current status of the Pallet Mover

2 | Pallet Detection Sensors

Detects goods on top of the Pallet Mover

Optional Add-ons

3 | Integrated Blue Light Kit

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

4 | Integrated Code Reader Kit

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

5 | Docking Distance Sensor

Measuring the correct position of Pallet Mover to Loading Station

6 | Ballast Plate

Lower the center of gravity of robot application (integrated into the Spacer Kit)

7 | Spacer Kit

Increases the height (from 449mm up to 825mm to top of rollers)

Nord Basic Gate 510

The Nord Basic 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 Basic 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 module delivers 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	3 finger	5 finger
Max. payload capacity	130 kg 286 lbs	220 kg 485 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
5 finger	Full-support configuration. Provides maximum stability and surface area for varied load sizes
3 finger	Simplified configuration. A compact design for standard tasks and optimized space efficiency
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



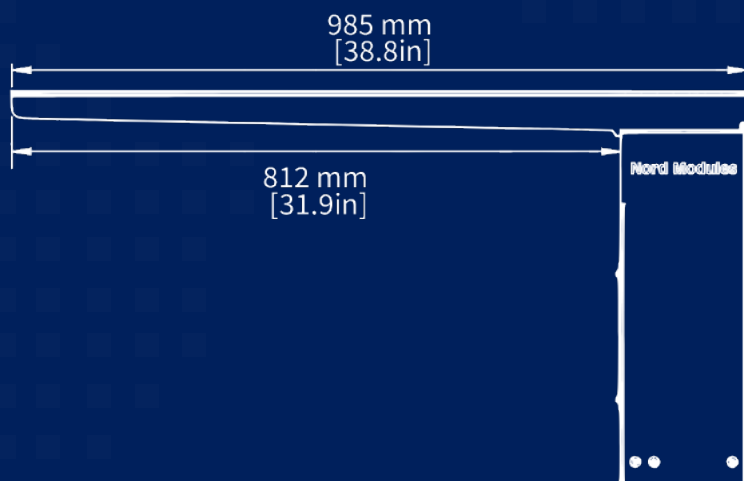
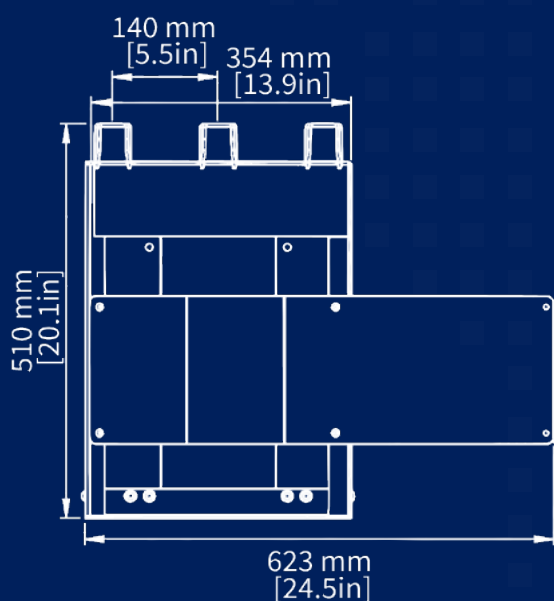
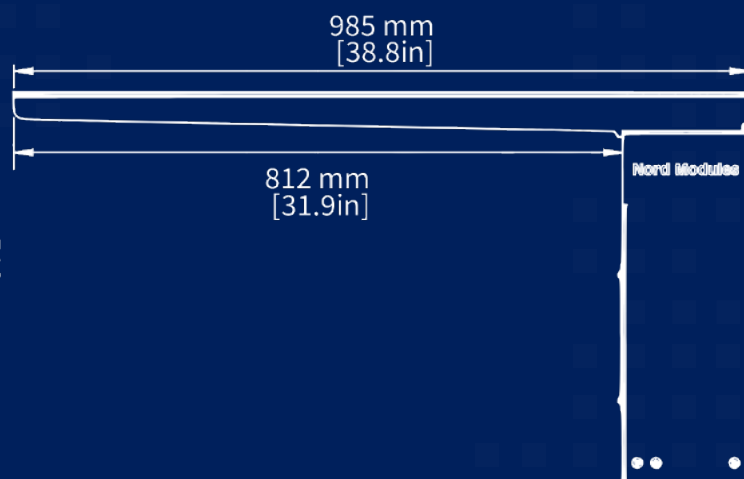
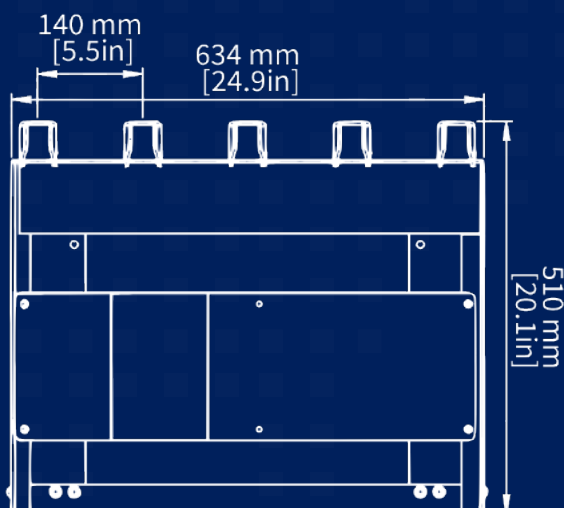
Rapid Deployment
Ready

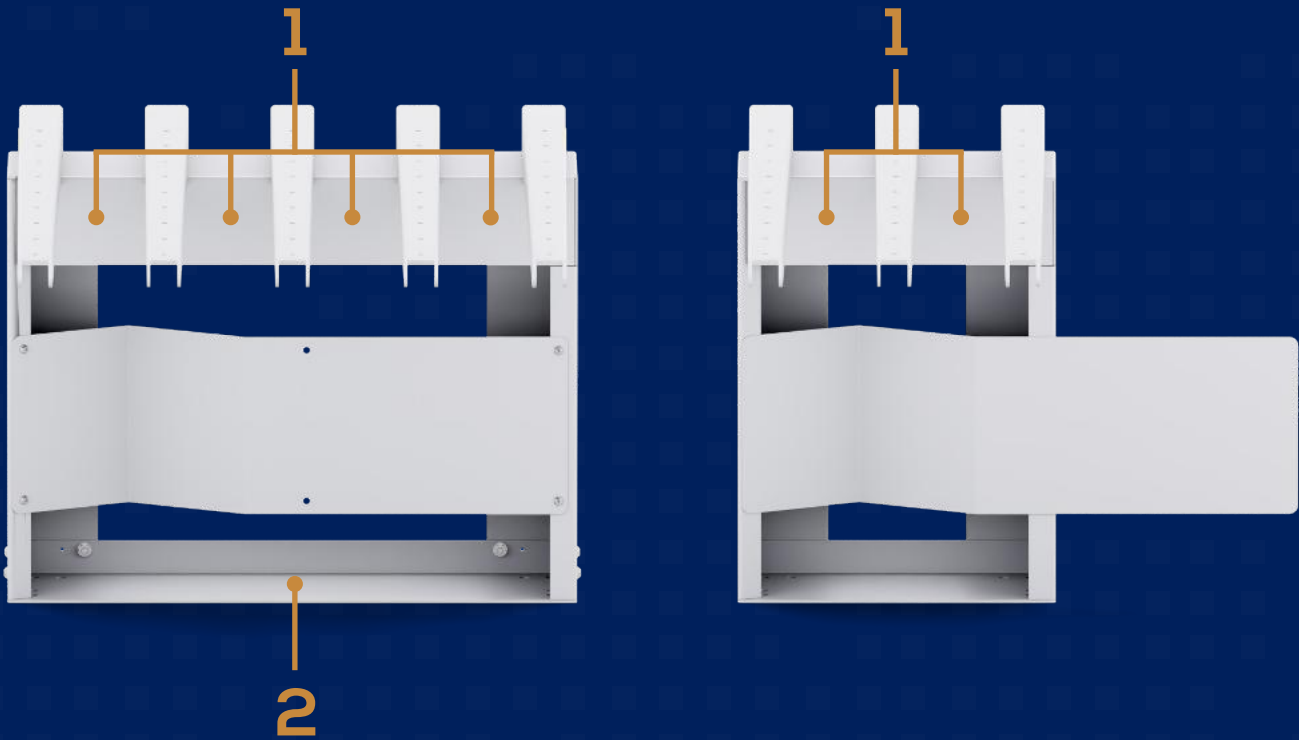


Optimized for
Maximum ROI

Dimensions

Height	510 mm 20.1 in	
Length	985 mm 38.8 in	
Center distance between arms	140 mm 5.5 in	
	5 finger	3 finger
Width	634 mm 24.9 in	console - 354 mm 13.9 in total - 623 mm 24.5 in





Optional Add-ons

- | | |
|--|---|
| <p>1 Payload Presence on Gate</p> | <p>Detect a payload placed on gate</p> <p>Eliminates the need for floor mounting, making the gate moveable. Designed for non-industrial use (max. payload - 75 kg 165 lbs)</p> |
| <p>2 Display Base</p> | |



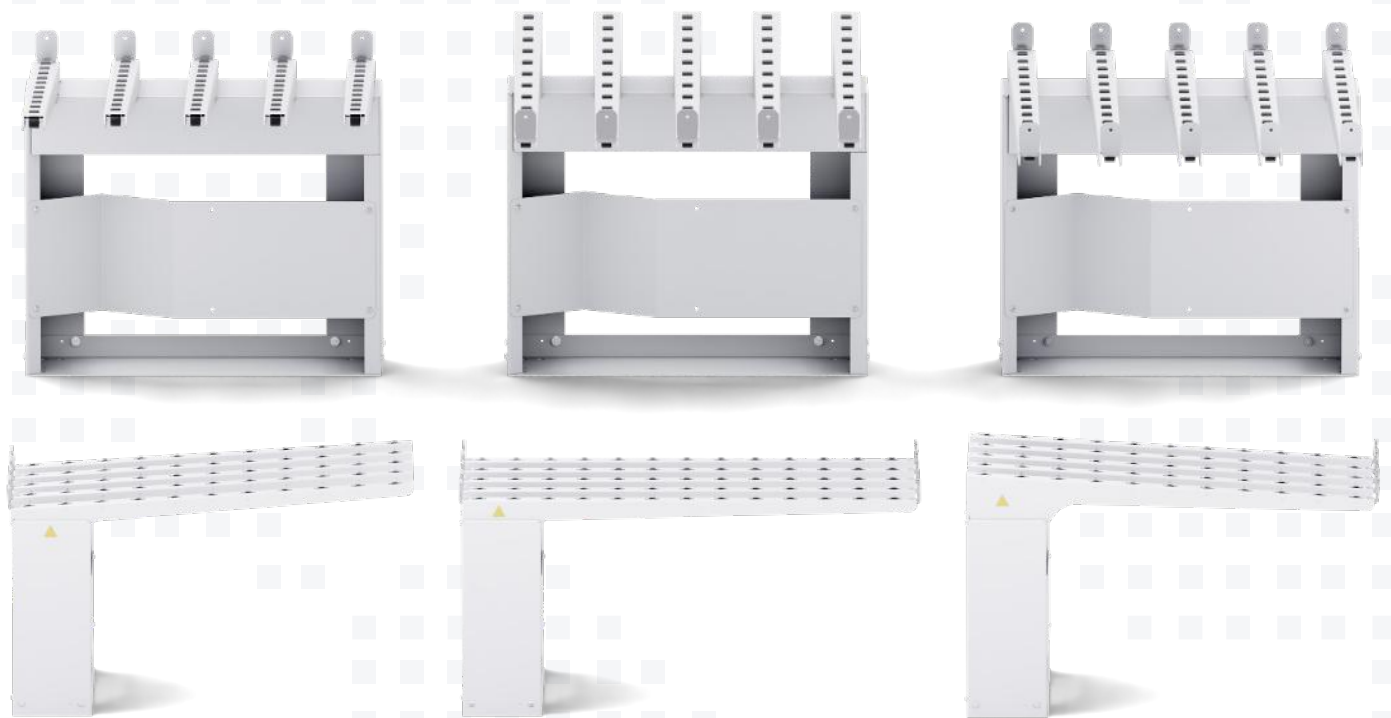
Nord Wheel Gate 510

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



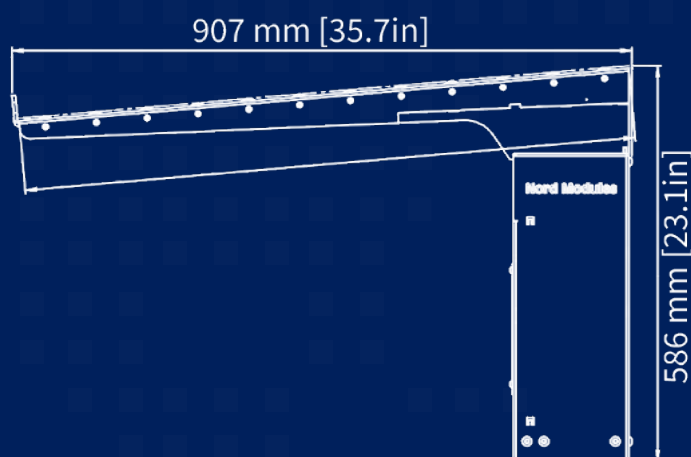
Optimized for Maximum ROI

Dimensions

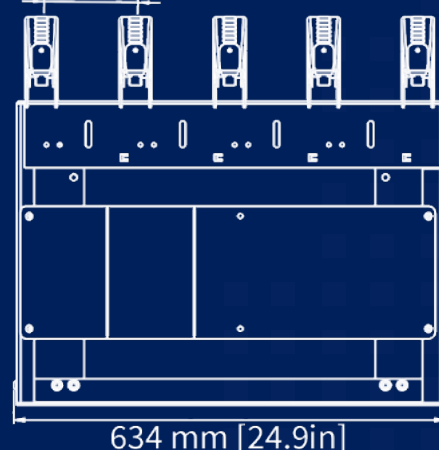
Center distance between arms 140 mm | 5.5 in

	Horizontal	Incline	Decline
Length	914 mm 36 in	894 mm 35.2 in	907 mm 35.7 in
Width	634 mm 24.9 in	634 mm 24.9 in	634 mm 24.9 in
Height	544 mm 21.4 in	570 mm 22.4 in	586 mm 23.1 in
Angle	0°	+5°	-5°

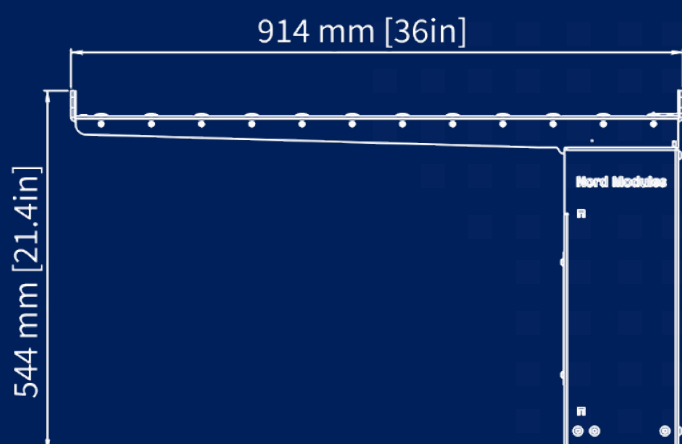
Decline



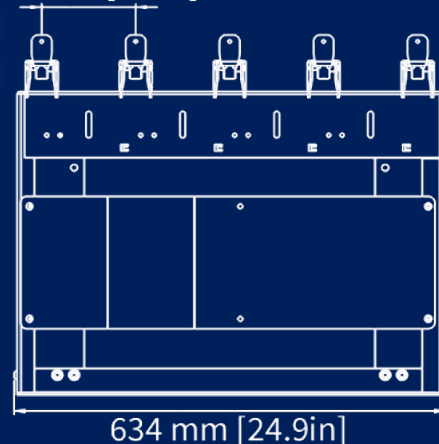
140 mm [5.5in]



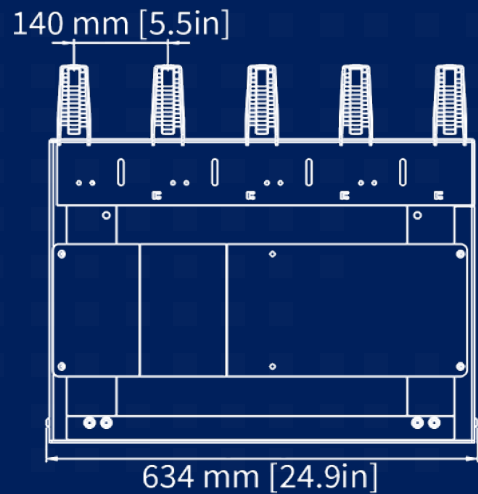
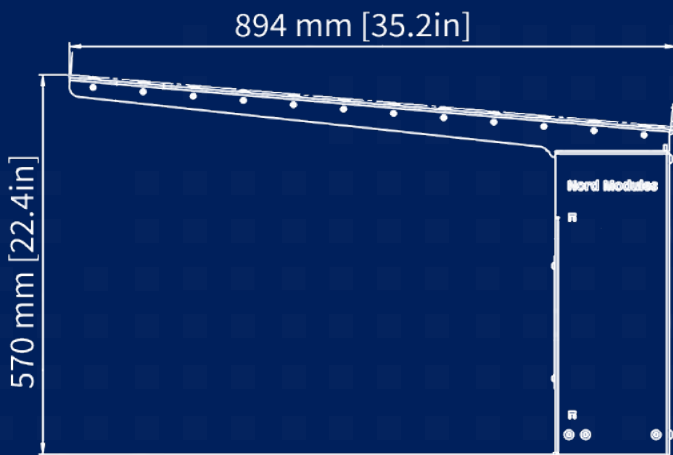
Horizontal



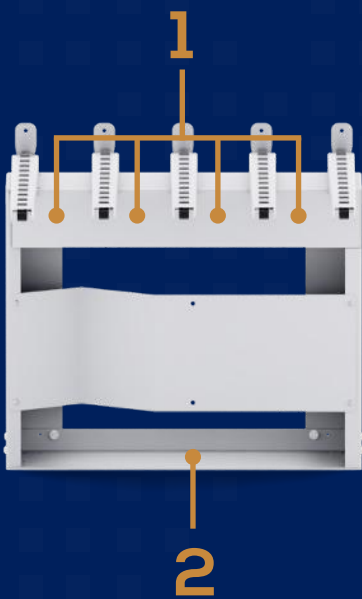
140 mm [5.5in]



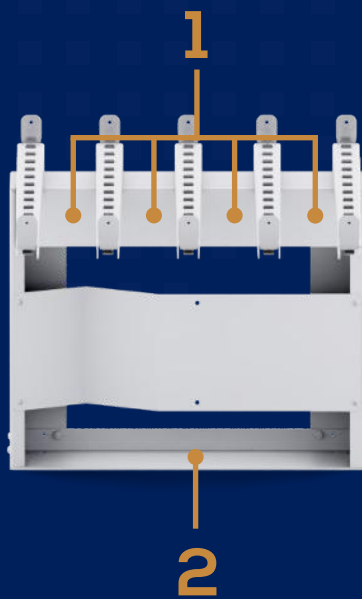
Incline



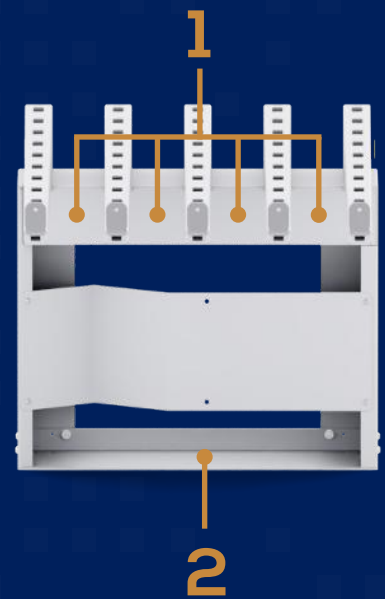
Incline



Horizontal



Decline



Optional Add-ons

1 | Payload Presence on Gate

Detect a payload placed on gate

Eliminates the need for floor mounting, making the gate moveable. Designed for non-industrial use (max. payload - 75 kg | 165 lbs)

2 | Display Base

Nord Cart 300-510

The Nord Cart 300-510 seamlessly integrates with the MiR250 robot, enabling efficient pick-up and delivery of objects placed on the cart anywhere within the production site. Designed for flexibility, the Nord Cart can accommodate various custom applications or solutions tailored to the customer's specific needs. Its design allows the AMR to precisely detect and position itself beneath the cart for easy transport.

The Nord Cart is available in three configurations: basic cart, a model with a handle, a configuration with pallet tray (half pallet tray).

MiR | Go Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

MiR compatibility	MiR250	Product code	SC300-510-02
Variations	Basic cart, with handle, with pallet tray, with half-pallet tray		
Max. payload capacity	300 kg 661 lbs		

Specifications may vary based on local conditions and application

Product Description

Designated use	Transport of good by merging with the Nord Quick Mover
Seamless Payload Transfer	Interface perfectly with the Nord Quick Mover
Handle	Ergonomic manual handling. Allows for easy manual maneuvering and precise positioning by operators
Pallet tray	Full-size pallet support. Designed for secure transport of standard pallets
Half pallet tray	Compact load optimization. Ideal for half-pallets, maximizing space efficiency
Secure Engagement	Specialized design ensures a stable connection for safe and reliable transport
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



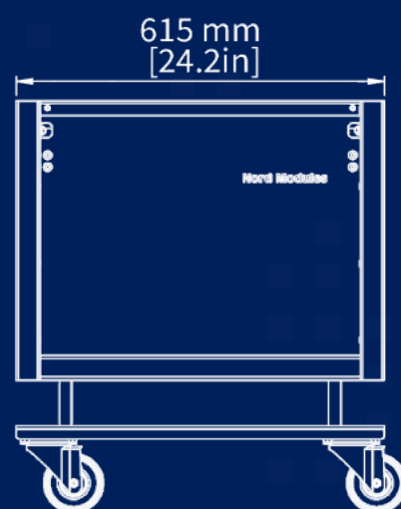
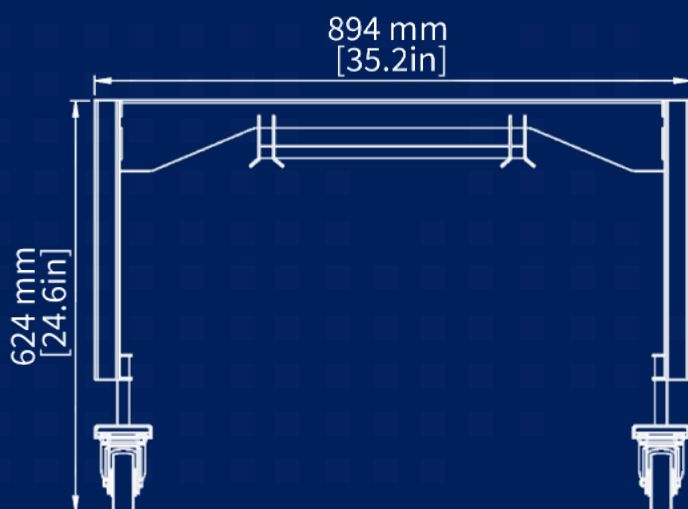
Optimized for
Maximum ROI

Dimensions

Length 615 mm | 24.2 in

Width 894 mm | 35.2 in

Height 624 mm | 24.6 in



Handle

Half-Pallet Tray

Pallet Tray

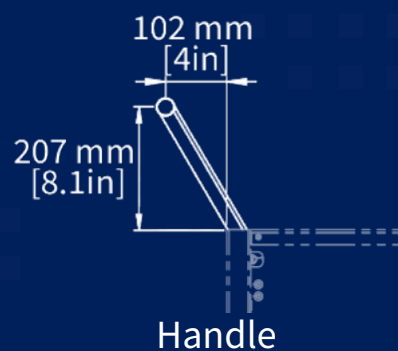
Length 102 mm | 4 in 651 mm | 25.6 in 1 251 mm | 49.3 in

Width 894 mm | 35.2 in 851 mm | 33.5 in 851 mm | 33.5 in

Height 207 mm | 8.1 in 37 mm | 1.5 in 37 mm | 1.5 in



Pallet (Half-Pallet) Tray



Handle



Pallet Tray



Half-pallet Tray



Basic Cart

Basic Cart with Handle



Basic Cart with Half-pallet tray

Basic Cart with Pallet tray



Nord Cart 300-385

The Nord Cart 300-385 is a modular transport solution specifically engineered for the Nord Cart Mover - MiR 250. Designed for maximum flexibility, it enables efficient automated movement of goods and provides a reliable foundation for various internal logistics tasks.

Available in multiple configurations to suit your workflow, including a basic cart that can be enhanced with optional handle, top plate and braking systems for increased functionality and safety.



Specifications

MiR compatibility	MiR250	Product code	Nord Cart V1 - MiR 250
Variations	Basic cart, with handle, with top plate, with brake		
Handling capacity	300 kg 661 lbs	Weight (basic cart)	26.5 kg 58.4 lbs

Specifications may vary based on local conditions and application

Product Description

Designated use	Transport of good by merging with the Nord Cart Mover - MiR 250
Basic cart	Features a standardized hole pattern for mounting custom applications and specialized equipment
Handle	Ergonomic manual handling. Allows for easy manual maneuvering and precise positioning by operators
Top plate	Payload surface. A solid platform that creates a stable base for mounting custom equipment or placing goods
Brake	Integrated handbrake system. Requires the handle option to provide instant manual stopping power and secure parking
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 Cart Mover - MiR 250



Infrastructure
Free Docking



Task-Specific
Configuration

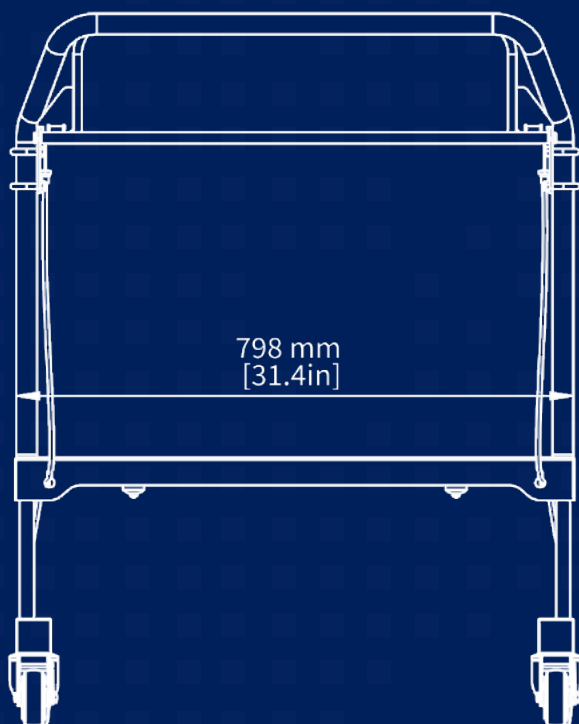


Rapid Deployment
Ready



Optimized for
Maximum ROI

Dimensions



Base cart

Length 1 005 mm | 39.6 in

Width 798 mm | 31.4 in

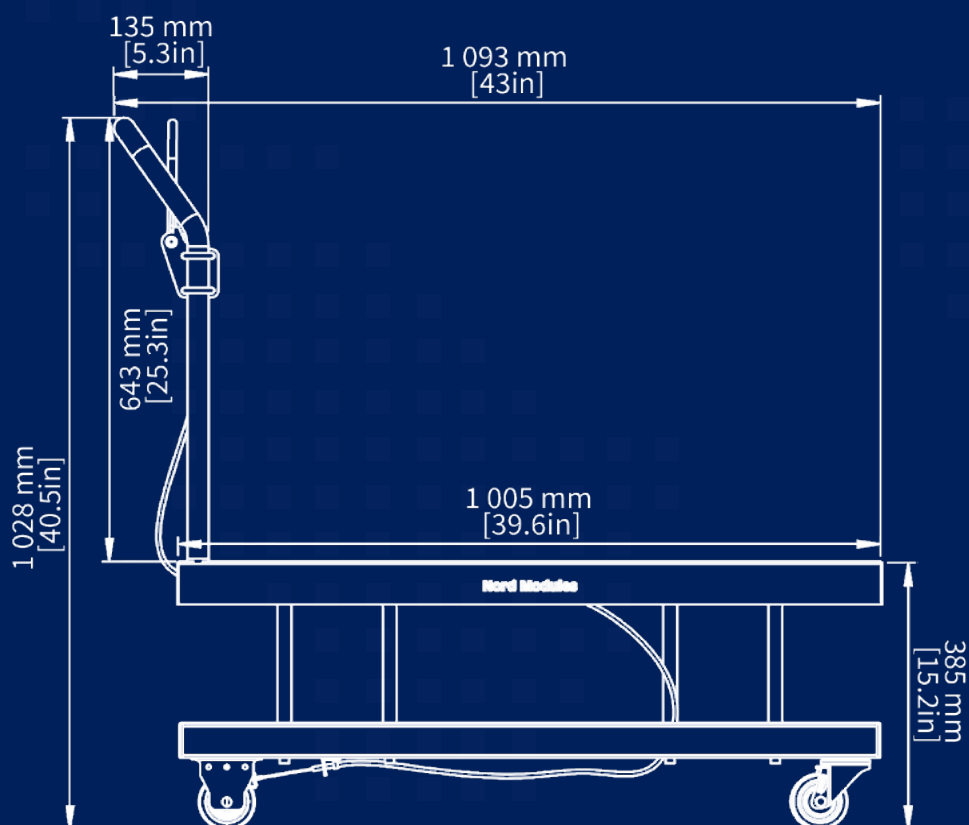
Height 385 mm | 15.2 in

Handle

Length 135 mm | 5.3 in

Width 798 mm | 31.4 in

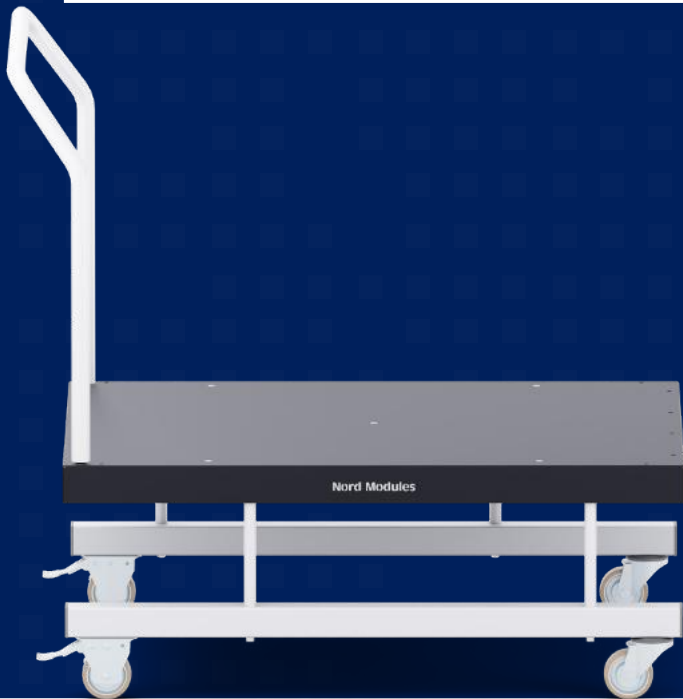
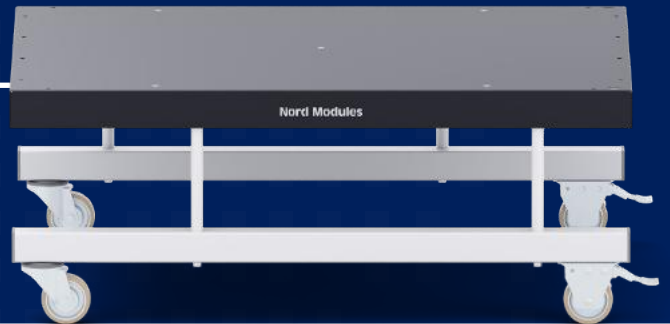
Height 643 mm | 25.3 in





Basic Cart

Basic Cart with Top plate



**Basic Cart with Top plate
and Handle**

**Basic Cart with Top plate
and Handle with Brake**



Nord Dock Target

The Nord Dock Target works with the Nord Pallet Mover and allows for docking of the AMR and safe loading and unloading of pallets to and from an existing conveyor line.

The Dock Target is installed at the end of a conveyor line and is adjustable in height. It communicates wirelessly with the Pallet Mover to ensure precise docking of pallet mover to conveyor and provides smooth and stable loading and unloading of pallets.

MiR | **Go** Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

MiR compatibility	MiR600 — MiR1350	Product code	DT448-650-PM-03 DT623-825-PM-03
Variations	Dock Tagert 448-650	Dock Tagert 623-825	
Top of roller height	448 — 650 mm 19.2 — 25.6 in	623 — 825 mm 24.5 — 32.5 in	

Specifications may vary based on local conditions and application

Product Description

Designated use	Wireless handshake between the Pallet Mover and the Loading Station
Seamless Payload Transfer	Interface perfectly with the Nord Pallet Movers
Dock Tagert 448-650	Suitable for Pallet Mover up to roller height 448 — 650 mm 19.2 — 25.6 in
Dock Tagert 623-825	Suitable for Pallet Mover up to roller height 623 — 825 mm 24.5 — 32.5 in
Mounting	Floor mounting, under Loading Station
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 Pallet Mover 800 | 1000 | 1200



Adjustable height



Works with existing conveyor



Rapid Deployment Ready

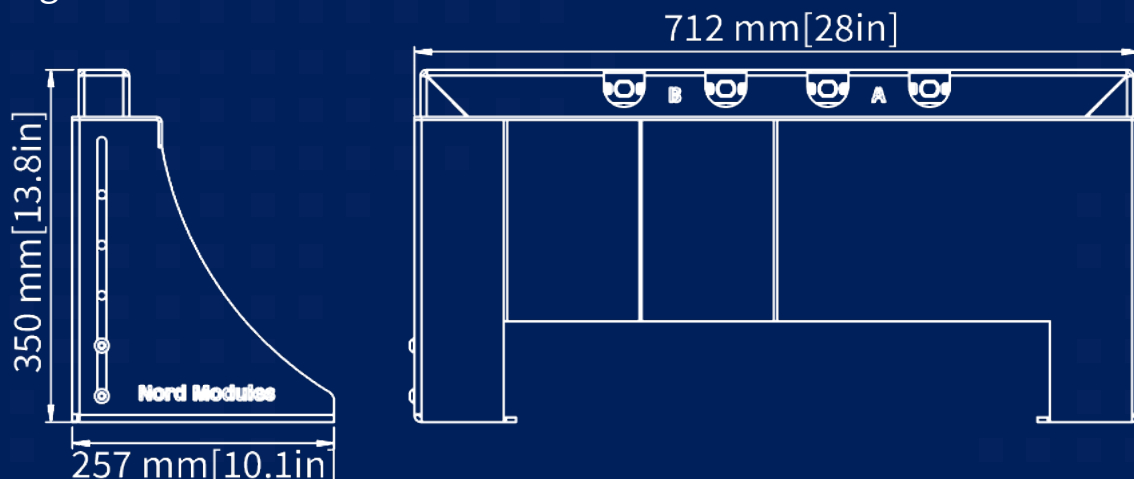


Optimized for Maximum ROI

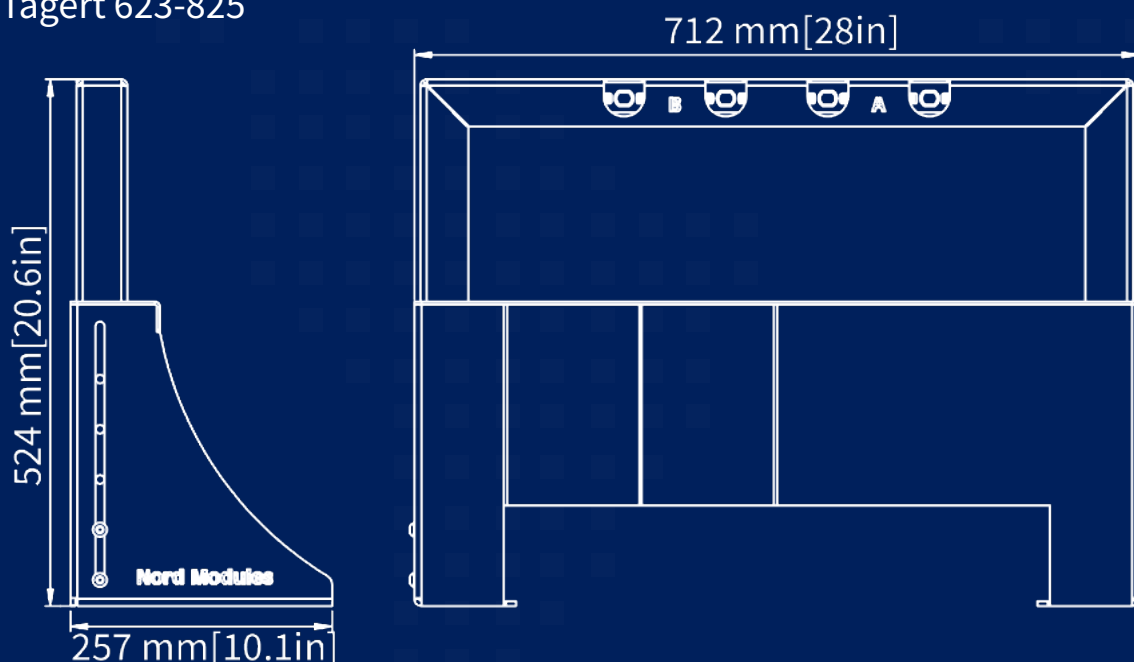
Dimensions

Length	257 mm 10.1 in	
Width	712 mm 28 in	
	Dock Tagert 448-650	Dock Tagert 623-825
Height	350 mm 13.8 in	524 mm 20.6 in
Height up to	553 mm 21.8 in	727 mm 28.6 in

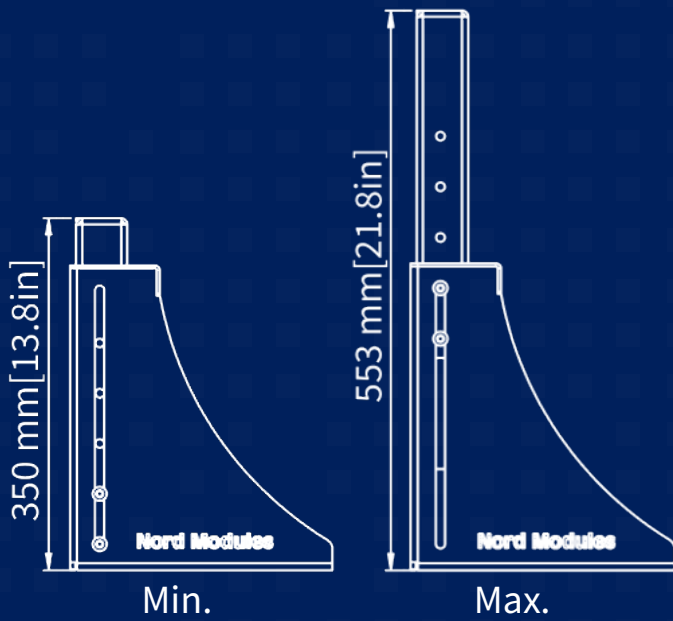
Dock Tagert 448-650



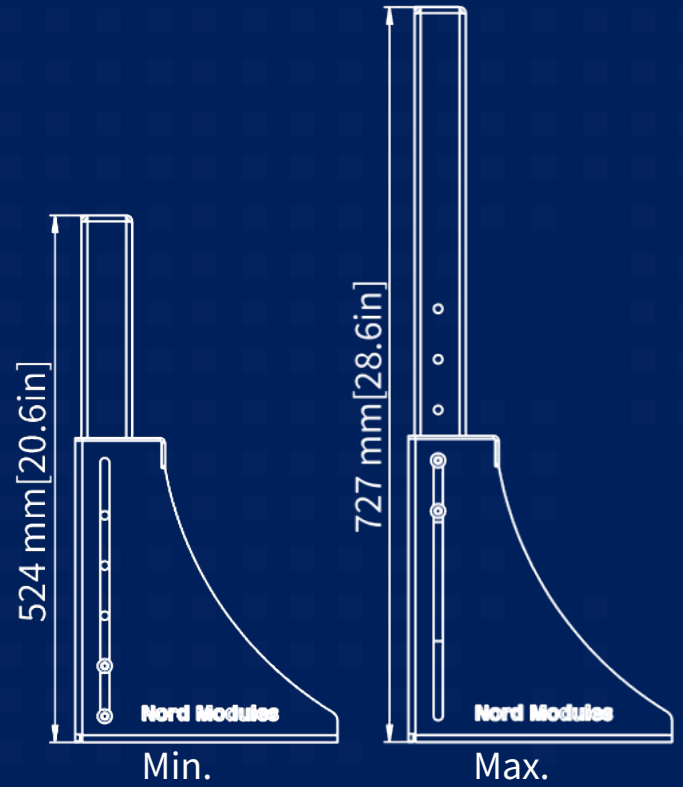
Dock Tagert 623-825



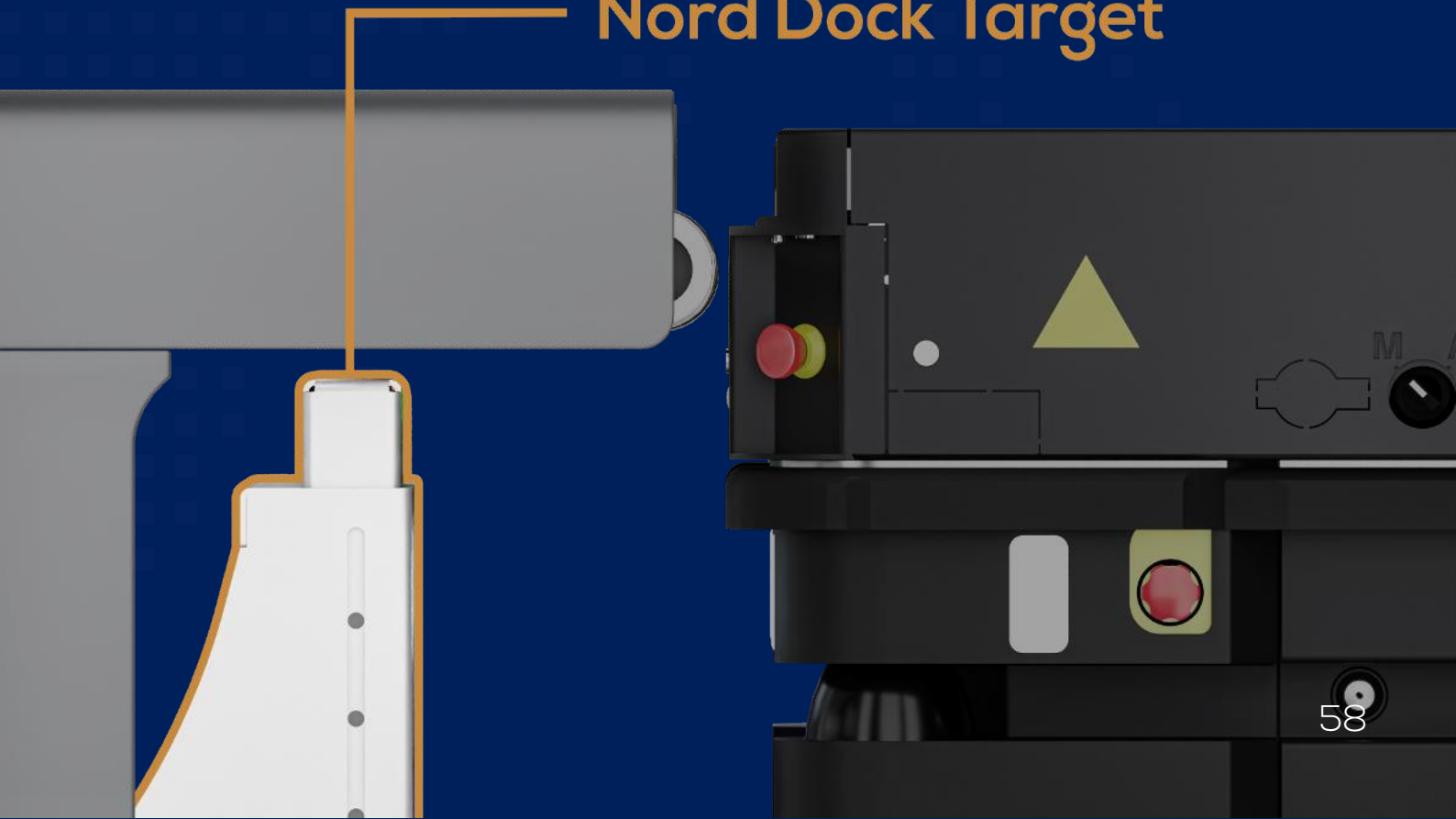
Dock Tagert 448-650



Dock Tagert 623-825



Nord Dock Target



Nord Basic Rack

The Nord Basic Rack is designed to hold pallets with a total weight of up to 1250 kg (2756 lbs) and is available in two versions: one for EU-size pallets and one for US-size pallets. When mounted on a MiR robot, the Nord Pallet Lift can dock seamlessly with the Basic Rack to pick up or deliver pallets efficiently.

The Nord Basic Rack is simple to install and set up. Measure the correct distance between its two sections, secure it to the floor with bolts, and you're ready to go. Its unique centering mechanism ensures that pallets are perfectly aligned every time.

MiR | **Go** Approved

Have been tested and validated by Mobile Industrial Robots



Specifications

MiR compatibility MiR600 — MiR1350

Product code

BR348-EU-MiR-01

Max. payload capacity

1 250 kg | 2 756 lbs

Variations

for Nord Lift EU, for Nord Lift Platform

Specifications may vary based on local conditions and application

Product Description

Designated use	Hold or receive a pallet from a Nord Lifters
Seamless Payload Transfer	Interface perfectly with the Nord Lifters
Mounting	Floor mounting
Compact, Robust and Reliable Design	Features a small footprint, simple and fast assembly, and a robust construction for continuous operation
for Nord Lift EU	A standardized solution optimized for Euro-pallet dimensions. It offers a fixed, robust design for reliable and efficient handling
for Nord Lift Platform	A flexible, customizable version tailored to your specific payload and non-standard pallet requirements
Reliable operation with minimal maintenance	Designed for 24/7 operation with minimal maintenance

Compatibility



Nord Lift EU



Nord Lift Platform



Integrated Pallet Centering



Universal Pallet Compatibility



Rapid Deployment Ready



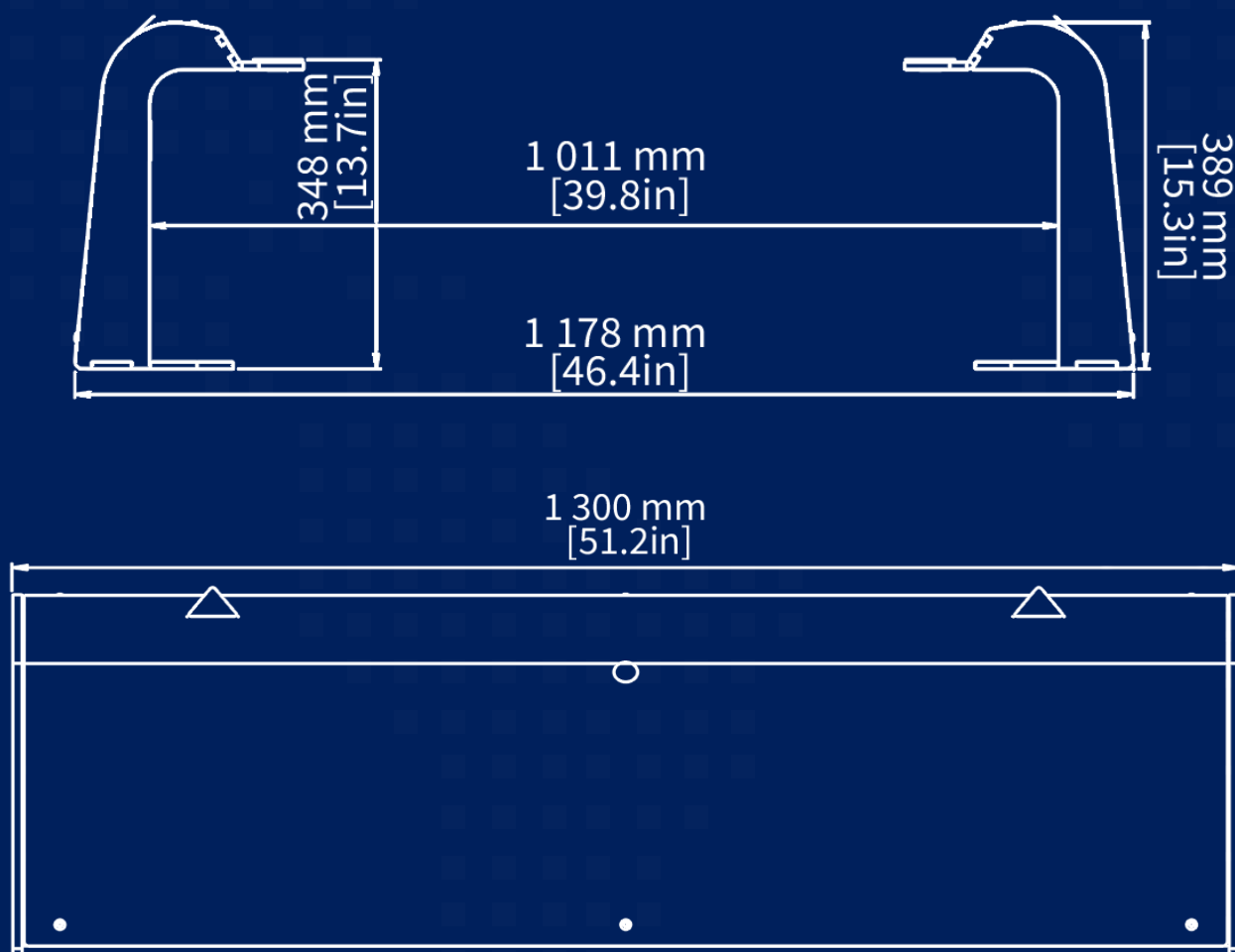
Optimized for Maximum ROI

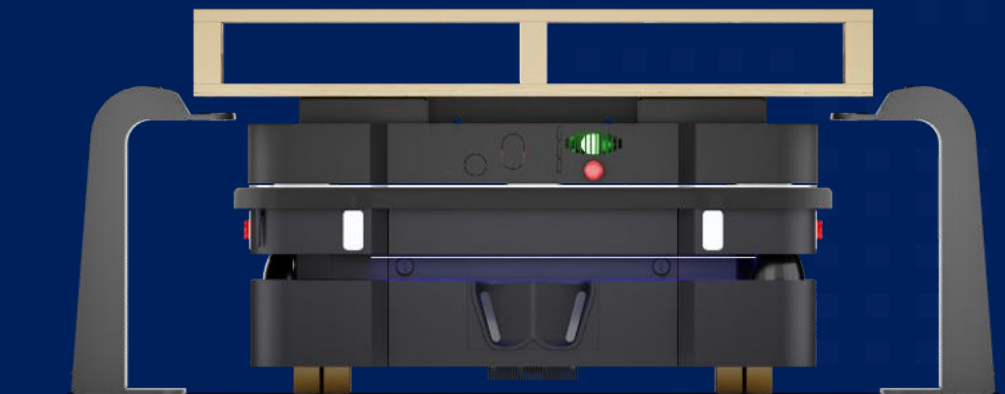
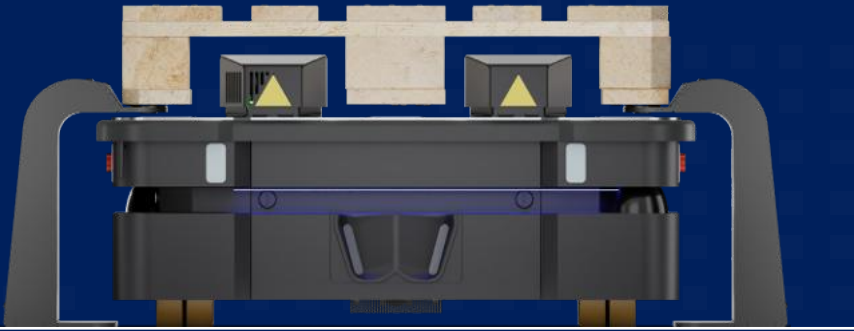
Dimensions

For	Nord Lift EU	Nord Lift Platform
Length	1 300 mm 51.2 in	1 300 mm 51.2 in
Width	1 178 mm 46.4 in	1 394 mm 54.9 in
Height	389 mm 15.3 in	481 mm 18.9 in
Height (floor to pallet)	348 mm 13.7 in	440 mm 17.3 in
Pallet size	800 mm x 1 200 mm 31.5 in x 47.2 in	1 219 mm x 1 219 mm 48 in x 48 in

*Customizable dimensions to suit
your specific requirements*

For Nord Lift EU





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Let's start growing together!



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