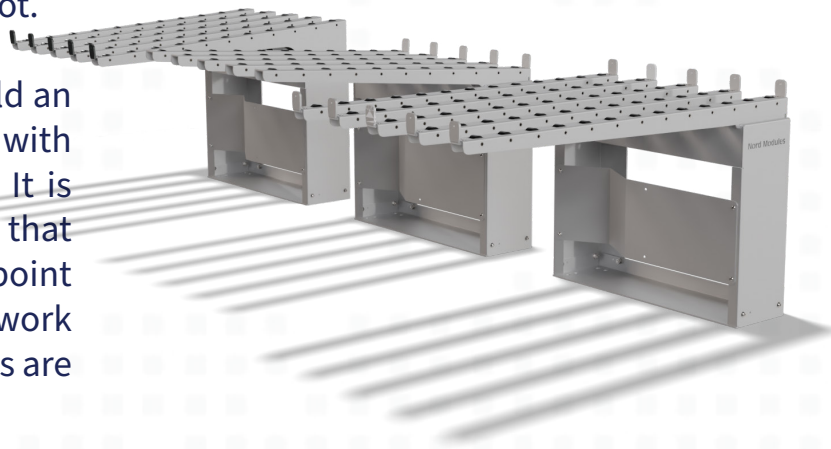


Nord Wheel Gate

The Nord Wheel Gate merges with the Nord Quick Mover installed on an Omron robot.

The Nord Wheel Gate can receive or hold an object, connecting the mobile robot with production lines and storage systems. It 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. It can also detect if any goods are at the gate.

Due to the optimized distance between the arms, the modules deliver great flexibility in terms of load sizes – from small to large items.



Nord compatibility



Nord QM35/65-OMRON & Nord QM200-OMRON

OMRON compatibility



OMRON LD-60, OMRON LD-90 & OMRON LD-250

Designated use	To receive and hold, or hand off payloads from the QM
Robot compatibility	Omron LD-60, Omron LD-90 & Omron LD-250
Nord Modules compatibility	Nord QM35/65-OMRON Nord QM200-OMRON
Variations	Horizontal Incline Decline
Optional add-on	Sensing the presence of any payload on the gate
Max. payload capacity	75 kg 165 lbs (see AMR max.)
Disclaimer	Specifications may vary based on local conditions and application



Simple and fast assembly



Small footprint



Reliable and cost-effective

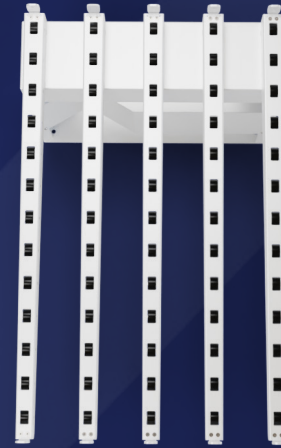
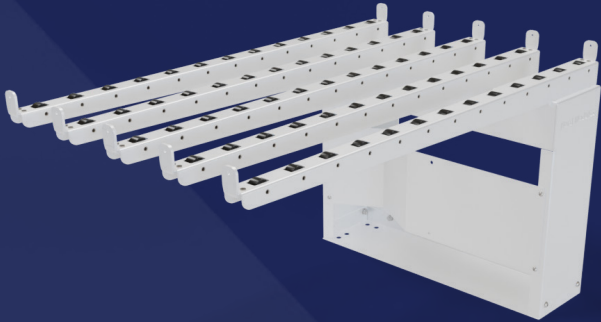


Can be customized to specific needs



Can hold and receive up to 75 kg

Specifications



Dimensions

Horizontal

Length 1 050 mm | 41.34 in

Width 635 mm | 25 in

Height 560 mm | 22.05 in

Incline

Length 940 mm | 37 in

Incline angle 4 degrees

Decline

Length 940 mm | 37 in

Decline angle 5 degrees

Wheel dimension $\varnothing 32 \times 18$ mm | $\varnothing 1.26 \times 0.7$ in

Distance between wheels 80 mm | 3.14 in