

# NORD QM35 + 65 - OMRON

The NORD Quick Mover is capable of transporting goods to and from The NORD Gates as well as picking up and delivering the NORD Shelf Cart.

The top module is mounted on top of the AMR and functions by a lifting mechanism integrated into the module.



## NORD compatibility



Gates & Shelf Cart

## OMRON compatibility



OMRON LD-60 & OMRON LD-90

|                                      |  |
|--------------------------------------|--|
| Designated use                       | For autonomous pickup and delivery of goods    |
| Robot compatibility                  | OMRON LD-60 & OMRON LD-90                      |
| Nord Modules compatibility           | On-The-Fly, Basic and Wheel Gates   Shelf Cart |
| Weight                               | 25 kg   55 lbs                                 |
| Color                                | RAL 9003                                       |
| Max lifting capacity (LD-60 / LD-90) | 35/65 kg   77.2/143.3 lbs                      |
| Expected lifespan                    | Minimum 600 000 lift at max payload            |
| Lifting speed                        | Up: 3.5 s - Down: 3.5 s                        |
| Data collection                      | High level of feedback + error codes           |

*Disclaimer*

*Specifications may vary based on local conditions and application*



Flexible standard product



Zero to low maintenance



Simple setup & installation



High industrial level of quality



Reliable and cost-efficient

# Specifications



## Optional Add-ons

|                                |   |
|--------------------------------|---|
| 1. Payload measurement         | Weighing the load being transported                 |
| 2. Side sensor                 | For compatibility with On-The-Fly Gate              |
| 3. Barcode system (QR scanner) | For scanning QR/barcode on goods on gate            |
| 4. Payload detection sensor    | Detects whether there is an object on the gate      |
| 5. Payload measurement kit     | Weighing the load being transported                 |
| 6. Blue light signal interface | Connection available for attachment of a blue light |

## Dimensions

|                                    |                                  |
|------------------------------------|----------------------------------|
| Length                             | 647.2 mm   25.48 in              |
| Width                              | 475 mm   18.7 in                 |
| Height                             | 179.5 mm   7 in                  |
| Lifting height                     | 80 mm   3.15 in                  |
| Total height (when mounted on AMR) | 579.5 mm   22.8 in               |
| Center distance between slats      | 140 mm   5.5 in                  |
| Transport area                     | 647.2 x 475 mm   25.48 x 18.7 in |