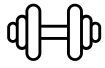


# Delta D-Bot MAR

## Effortless Autonomous Material Handling



With the Delta D-Bot MAR, you can automate routine transport tasks, make better use of your production capacity and cut downtime - all without major IT integration need.



**Payload**

500 kg



**Workspace Flexibility**

Point turning



**Consistent Accuracy**

±5 mm



**Enhanced Speed**

max. 1.5 m/s



**Safety Features**

PLd/Cat. 3



**Up-Time**

7 h



MADE IN GERMANY



### Full Range 360° Detection

Safe and precise transport of goods in environments shared with humans, thanks to integrated, all-round obstacle detection



### Optimized Mobility

Improves your internal logistics, increasing adaptability like never before



### Wireless Charging

Fast, contactless charging stations keep your fleet running and - traditional plug-in option, where preferred



### Autonomous Navigation

Independent navigation without the need of extra components like magnetic tapes or beacons



### Made in Germany

Short delivery routes and direct feedback into development ensure prompt support and rapid implementation of your requirements

## Specifications

|                           |                                 |
|---------------------------|---------------------------------|
| Payload                   | 500 kg                          |
| Dimensions                | L 1220 mm x W 690 mm x H 290 mm |
| Weight                    | 300 kg                          |
| Max. Speed                | 1.5 m/s                         |
| Wheel Configuration       | Differential Drive              |
| Workspace flexibility     | Point turning                   |
| Ground Clearance          | 120 mm                          |
| Communication Interfaces  | EtherNET/IP, TCP/IP, Python API |
| Outbound Interfaces       | 1x Ethernet, 1x CAN             |
| IP Classification         | IP44                            |
| Positioning accuracy      | ±5 mm                           |
| 360° safety laser scanner | PLd/Category 3 (ISO 13849-1)    |
| Lifting unit              | 45 mm, 4 x 140 kg               |
| Charging Types            | Wired & Inductive               |
| Battery                   | 51.8 VDC/ 60 Ah                 |
| Charge Time               | 1.5 h                           |

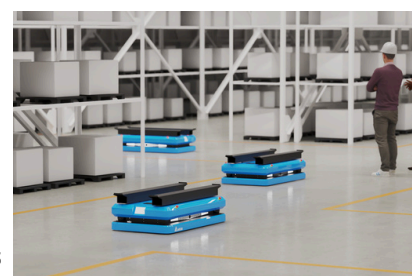
## Add-Ons

Upgrade your MAR with optional pallet rails for secure, slip-free handling of Euro pallets and other pallet types - keeping your loads stable and protected throughout every transport.



## Autonomous Movement

Independent navigation without the need for additional components and Navitec's fleet-management system makes the Delta D-Bot MAR ideal for seamless integration into intelligent fleet management systems, featuring native VDA5050 interface support.



## Contact

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Preliminary data sheet | Subject to change