

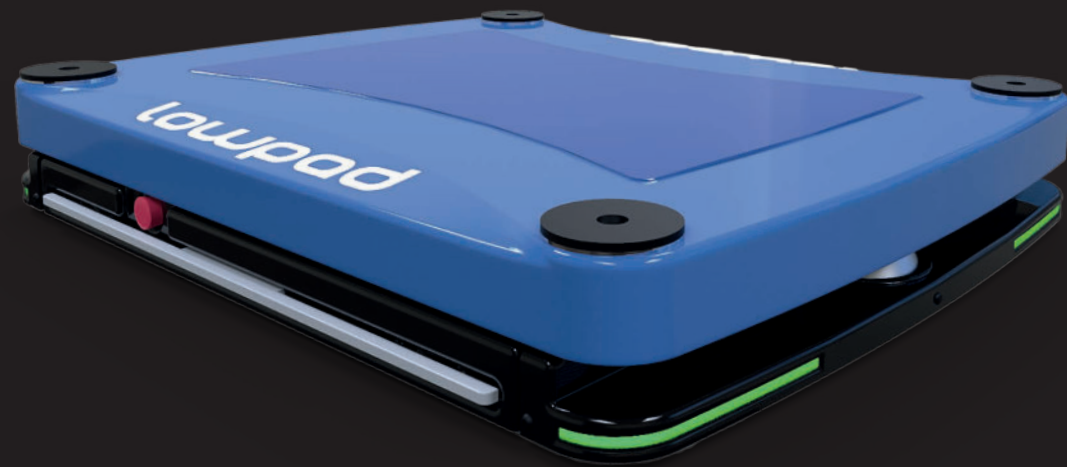
lowpad

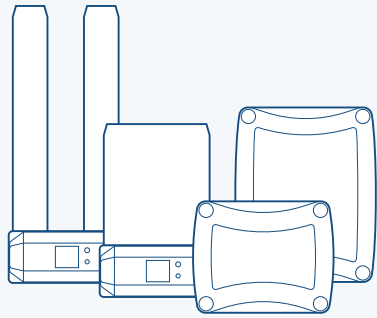


Lowpad. High efficiency!

lowpad

Lowpad is a smart automatic guided vehicle (AGV) in an ultralow body. It is provided with independent driven steering wheels and a multifunctional lidar camera system in order to operate autonomously. Since different models are available and can work in conjunction, Lowpad is suitable for any kind of distribution center where product variability, delivery time and efficiency are important.





Suitable AGV for each job

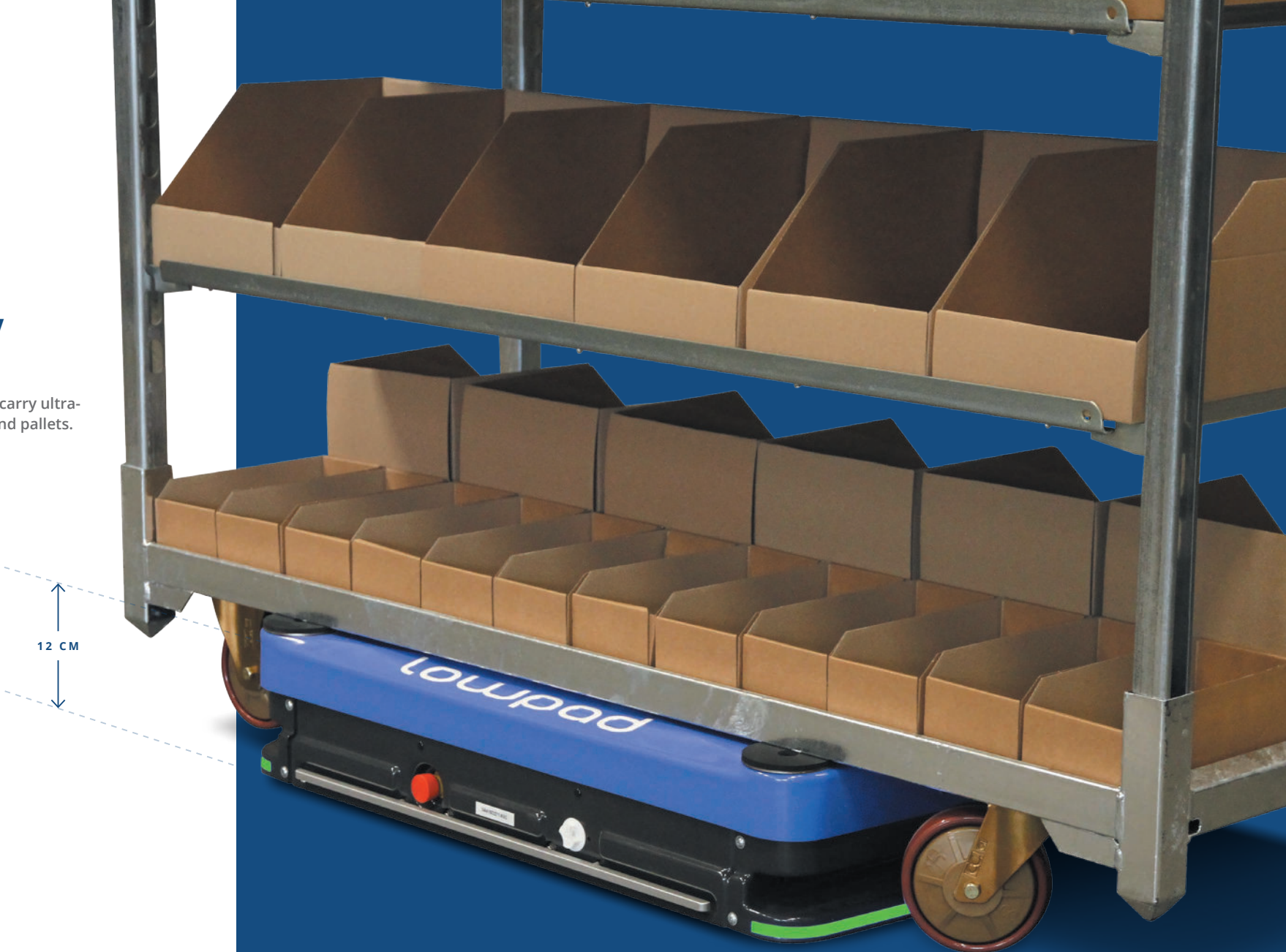
Which Lowpad you need depends on the size of the roll containers, racks or pallets.



A mix of different Lowpad models can work simultaneously in one warehouse.

Ultralow AGV

The Lowpad is designed to carry ultralow roll containers, racks and pallets.

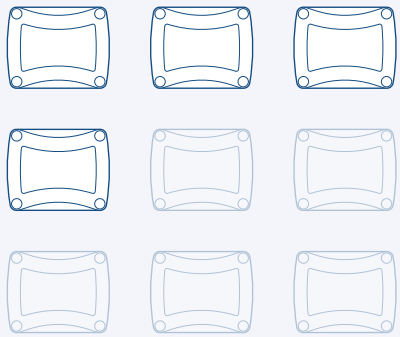


20% storage increase

Compared to traditional AGV systems, the Lowpad offers a storage increase up to 20%.

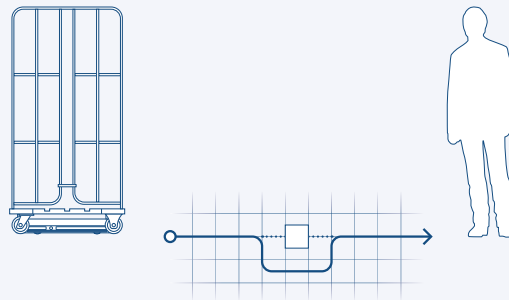






Scalable and flexible system

The modular order fulfillment system is scalable and fits into existing buildings.



Goods to person technology

The Lowpads are moving the products directly to the workstations.



Heavy load carry system

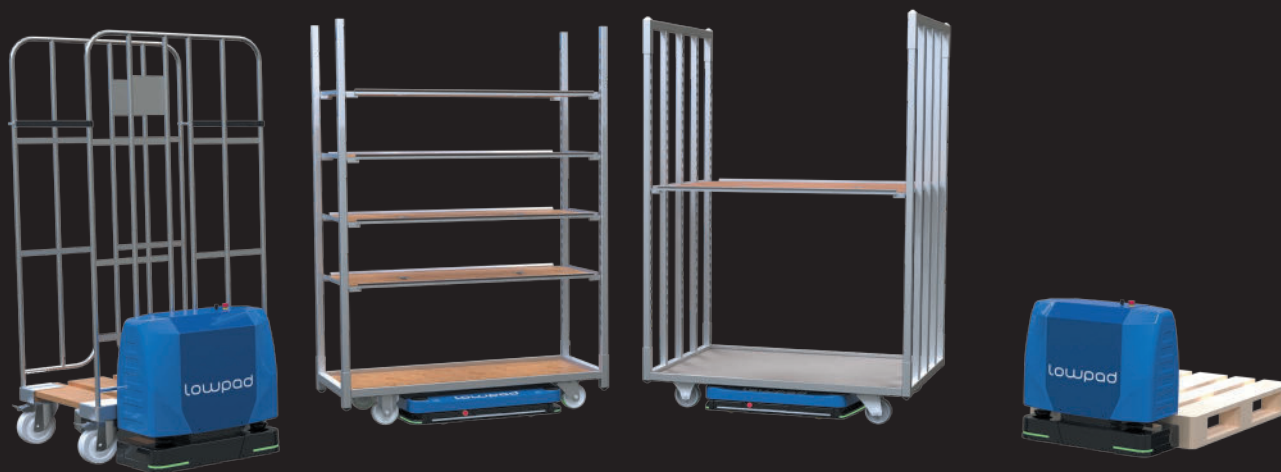
The Lowpad is designed to carry and move heavy loads.

Lowpad optimizes your warehouse and distribution

Lowpad is computer controlled. It communicates via a WCS system and offers a dynamic routing and re-routing, depending on the different inputs and circumstances. In addition, Lowpad can be used for order picking methods, such as the Goods-to-people concept. This improves order picking efficiency up to 70 percent. Customized, dynamic acceleration and speed limits guarantee the best treatment based on the specifications of your goods. Different Lowpad models are available, depending on the requirements.

Technical highlights:

- built-in long life battery
- charging of partly discharged batteries is permitted
- WiFi communication
- vehicle track-and-trace with multiple sensors
- lidar assisted collision prevention
- no floor-related infrastructure is required
- smart, camera-supported target approach



Laser positioning and safety system

Lidar technology combined with
sensor fusing for accurate positioning



lowpad



Compare Lowpads

The Lowpad is suitable for any kind of distribution center. The Lowpad is available in various editions which suits your needs.



Lowpad Small

- Maximum speed**
1 - 1,5 m/s
- Battery capacity**
24 Volt 31 Ah
- Driving time**
5 - 8 hours
- Charging time**
1 - 2 hours
- Lifting capacity**
450 kg
- Height**
650 mm
- Lifting height**
200 mm
- Dimensions**
1150 x 600 mm
- Lifting table**
800 x 240 x 105 mm



Lowpad Medium

- Maximum speed**
1 - 1,5 m/s
- Battery capacity**
24 Volt 31 Ah
- Driving time**
5 - 8 hours
- Charging time**
1 - 2 hours
- Lifting capacity**
450 kg
- Height**
125 mm
- Lifting height**
40 mm
- Dimensions**
800 x 675 mm



Lowpad Large

- Maximum speed**
1 - 1,5 m/s
- Battery capacity**
24 Volt 31 Ah
- Driving time**
5 - 8 hours
- Charging time**
1 - 2 hours
- Lifting capacity**
650 kg
- Height**
125 mm
- Lifting height**
40 mm
- Dimensions**
800 x 1075 mm



Lowpad Fork

- Maximum speed**
1 - 1,5 m/s
- Battery capacity**
24 Volt 31 Ah
- Driving time**
5 - 8 hours
- Charging time**
1 - 2 hours
- Lifting capacity**
1000 kg
- Height**
650 mm
- Lifting height**
40 - 130 mm
- Dimensions**
1600 x 600 mm
- Fork**
1300 x 570 x 85 mm



About WIIO

WIIO implements complete identification, traceability and robotics solutions within companies. Both an editor and an integrator, WIIO's strength lies in its end-to-end know-how, whether in hardware, software or services.

Always at the forefront of innovation, WIIO works on the latest technologies such as IoT, robotics, automation or even machine vision to provide each of its clients with innovative, personalized and high value-added solutions.