



**Reshaping
intralogistics**

Flexible warehouse
automation solutions
for retail

lowpad®



Smart warehousing begins with intelligent automation

At Lowpad, we are dedicated to redefining how goods are moved, stored, and managed. We (re) shape intralogistics processes through cutting-edge autonomous mobile robots (AMRs) managed by our innovative software. We empower businesses to unlock the highest efficiency, accuracy, and competitiveness levels.

Suitable loads

LOWPAD S

Roll cages
(Pick) carts
Danish CC trolleys

LOWPAD M

CHEP pallets

LOWPAD F

Euro pallets
Stringer pallets

YOU DON'T RECEIVE A LOWPAD, BUT A SOLUTION

The Lowpad solution

State-of-the-art Autonomous Mobile Robots (AMRs) paired with intuitive software.



Software

The big brain.

Software for a fleet of hundreds of AMRs



Lowpad S

The ultimate AMR for roll cages, perfect for grocery retail.



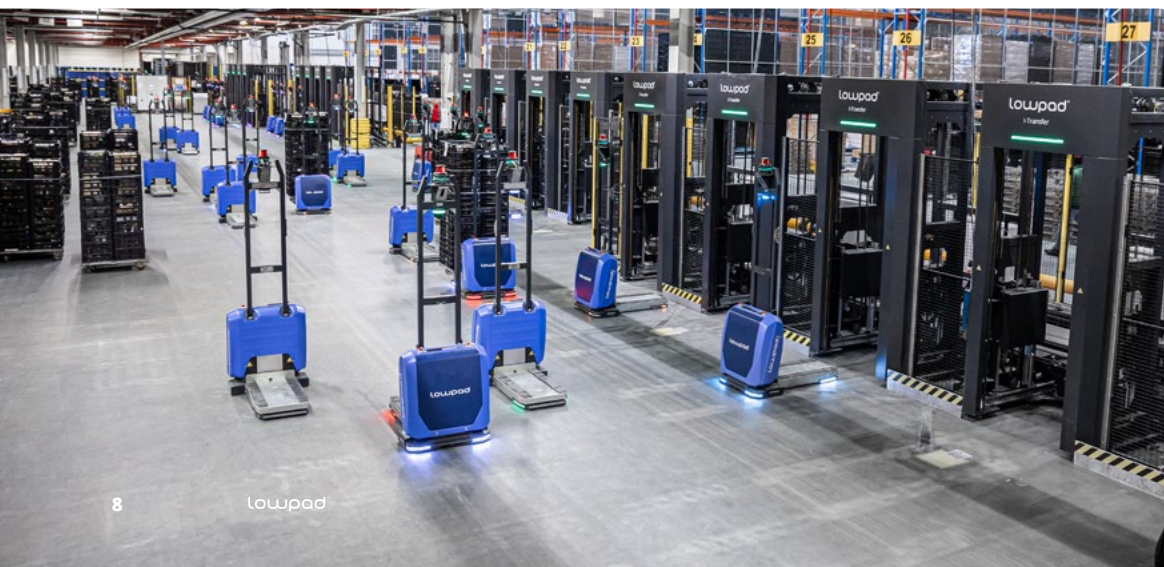
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Looking for ways to automate your transport of roll cages?

The Lowpad S is the ultimate autonomous mobile robot that can handle existing roll cages. Due to its unique characteristics, the Lowpad is versatile and can automate various logistical processes.

Improve your productivity and lower your operational costs in your intralogistics. Through high technology, we offer the best quality solution in collaboration with your wishes.



Sizing and capacity

DIMENSIONS

1150 x 700 x 2235 mm
45.3 x 27.6 x 88"

DIMENSIONS LIFTING TABLE

760 x 446 x 116 mm
29.9 x 17.6 x 4.6"

LIFTING CAPACITY

450 kg
992 lbs

LIFTING HEIGHT

200 mm
7.9"

SPEEDRANGE

1.2 m/s
3.9 ft/s

Loads

SUITABLE LOADS

Roll cages
Carts

Applications

MOVING

Marshalling
Inbound
Cross Docking
A to B transport

PICKING

Dynamic Zone Picking
Goods-to-Person

Lowpad F

Automate horizontal pallet movement and picking systems with the Lowpad F. Capable of transporting almost all pallets like Euro, Stringers and CHEP pallets.



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We take care of all your pallets

The Lowpad F moves all your pallets autonomously, freeing up employees for more valuable tasks. There is no need to change your warehouse layout when operating Lowpad AMRs.

Our automated solution includes not just the robots and fleet management for hundreds of Lowpad AMR's. Lowpad also provides smart software for various operations such as marshalling, pick-2-zero, Dynamic Zone Picking, etc. Our software can be set up easily for your environment, ensuring maximum flexibility in your operations. It integrates seamlessly with your WMS/WCS or other applications and can be customized by our in-house software experts.



Sizing and capacity

DIMENSIONS

1940 x 940 x 2235 mm
67.4"x 37.0" x 88"

LIFTING CAPACITY

1250 kg
2755 lbs

LIFTING HEIGHT

140 mm
5.5"

SPEEDRANGE

1.2 m/s
3.9 ft/s

Loads

SUITABLE LOADS

Euro pallets
Stringer pallets
Chep pallets
LPR pallets

Applications

MOVING

Marshalling
Inbound
Cross Docking
A to B transport

PICKING

Dynamic Zone Picking
Goods-to-Person

Lowpad M

The lowest AMR for ultra-low load carriers like Danish CC trolleys and pick carts.



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The lowest available AMR

The Lowpad M is a highly advanced mobile robot designed to cater to the needs of pick carts and Danish CC trolleys. Its ultralow height of only 128 mm makes it the perfect solution for load carriers with a minimum height between the cart and the floor.

One of the most significant advantages of the Lowpad M is that it ensures the gentle and safe transport of goods, which is essential in any logistics process. This is due to its unique characteristics, which make it versatile to automate various logistical processes. By integrating this type of automation, you can improve your productivity while lowering your operating costs in your intralogistics.



Sizing and capacity

DIMENSIONS

665 x 800 x 128 mm
26.2" x 31.5" x 5"

LIFTING CAPACITY

450 kg
992 lbs

LIFTING HEIGHT

38 mm
1.5"

SPEEDRANGE

1.2 m/s
3.9 ft/s

Loads

SUITABLE LOADS

Danish CC Trolleys
Pick carts

Applications

MOVING

Marshalling
Inbound
Cross Docking
A to B transport

PICKING

Dynamic Zone Picking
Goods-to-Person



The big brain

Lowpad provides a reliable cloud-based software solution that empowers businesses to deploy and manage autonomous mobile robots. Our platform offers a secure and scalable infrastructure that seamlessly integrates with your existing programs and other services, ensuring hassle-free implementation and operation. With Lowpad, you can streamline your operations, improve productivity, and enhance your business's bottom line.



Implementable in any environment

Lowpad's World Editor is a powerful and user-friendly tool that enables users to create and customize their warehouse environment to achieve maximum efficiency, accuracy, and adaptability. The editor allows users to configure paths, strategically position loading and unloading stations, create precise maps of Autonomous Mobile Robots (AMRs), designate handover positions and charging stations, and incorporate fixed elements. This provides the foundation for advanced routing and sequencing, offering a complete view of warehouse operations and enabling precise planning of workflows and resource allocation.

Intuitive software capabilities

Our software platform is designed to help you achieve optimal results by considering multiple factors.

THESE INCLUDE

- Priority level of the assignment
- Availability of AMRs
- Distance to loading and unloading stations
- AMR battery level
- Upcoming jobs or assignments

Our software platform optimizes battery consumption, smartly reassigns tasks, and changes routes to help you succeed.

TRUSTED BY LEADING BRANDS

Lowpad success stories

Deployed at leading brands and still counting.



GXO

Complete marshalling solution at GXO with Lowpads, intuitive software and high-tech process equipment.



Home bargains Zeeman

At TJ Morris (Home Bargains) implemented 91 Lowpads, which can handle 675 roll cages per hour for 40 docks.



Zeeman's logistics operation has added Lowpad's marshalling solution to their DC, completing the final piece of their puzzle.



DHL

A to B transport of heavy printers at Ricoh/DHL configuration center.



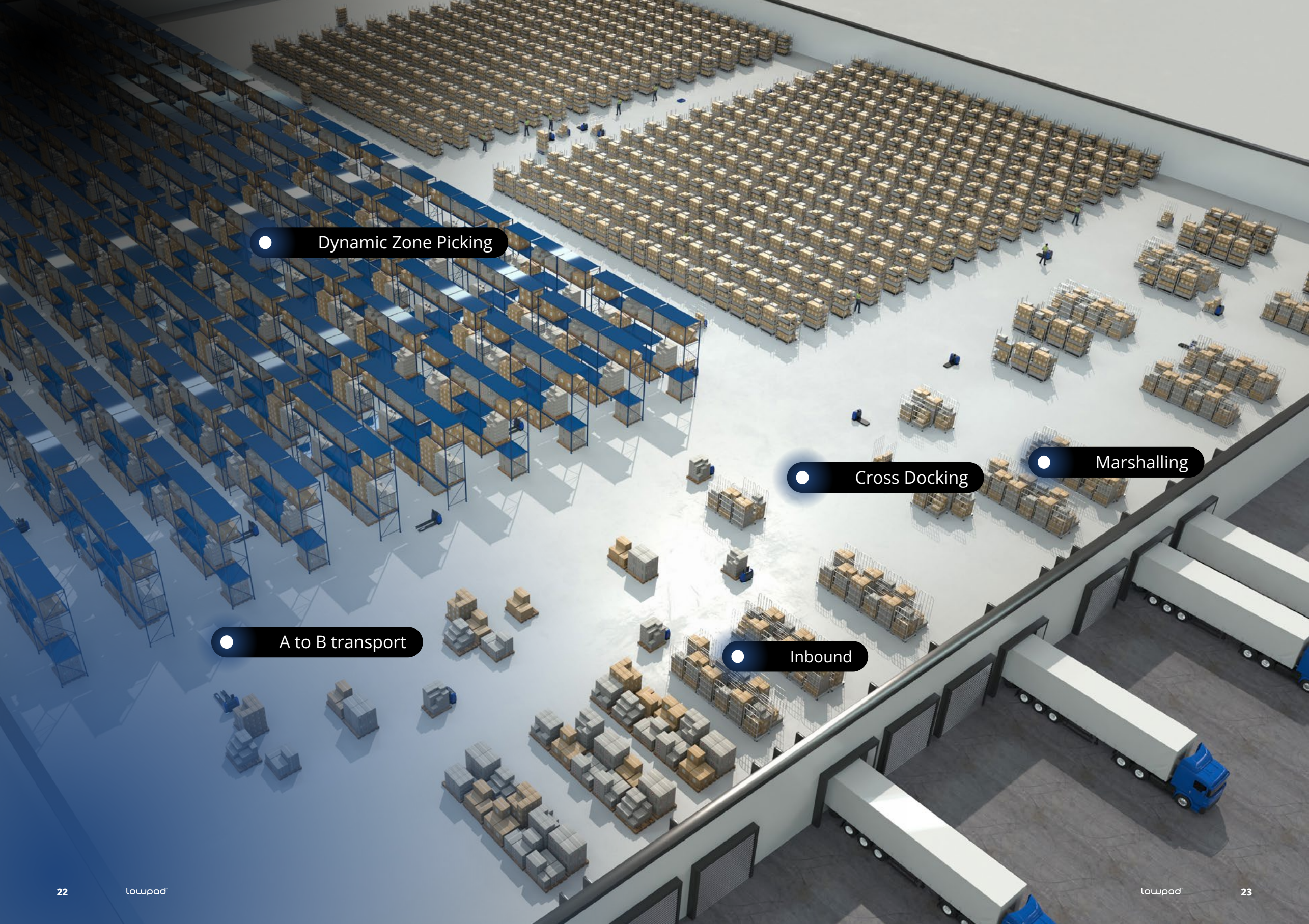
Celdomy

A new Goods-to-Person system at Celdomy with Lowpad as a backbone.



Royal Lemkes

Zone picking automation solution with a large fleet of Lowpad AMRs.



● Dynamic Zone Picking

● Cross Docking

● Marshalling

● A to B transport

● Inbound



Applications

Marshalling

By automating your marshalling process with the Lowpad system, your load carriers will be positioned in an organized manner at your docks in the right sequence without human interference.

Dynamic Zone Picking

With Dynamic Zone Picking, order pickers focus on picking and less on overhead tasks such as traveling between picks, retrieving empty load carriers, and delivering full roll cages or pallets to the outbound locations. Separating order pickers and load carriers is key to this performance increase. Lowpads are responsible for transporting load carriers from an inbound location to a sequence of pick locations and finally to an outbound location. Meanwhile, order pickers are independently directed to meet the Lowpads at pick locations and to perform the picks.

Inbound

Our solutions are even more diverse with our new pallet-handling robot, the Lowpad F. The Lowpad F is capable of handling almost any pallet type. Even closed pallets are easily transported by the Lowpad F.

Cross Docking

Cross docking with the Lowpad entails that the Lowpad executes all of the transport between the docks. This frees up time for your staff to focus on other value adding tasks.

A to B transport

As the Lowpad can drive without any infrastructural changes required, they can automate simple transport jobs where goods have to be transported from point to point.

High-growth technology provider

Lowpad is dedicated to revolutionizing intralogistics through advanced autonomous mobile robot solutions.

By combining Lowpad AMRs with our intelligent software, we're empowering our customers to simplify their operations, enhance their logistics, and optimize their product movements and picking operations.

Flexible warehouse automation solutions

At Lowpad, we are dedicated to redefining how goods are moved, stored, and managed. Our mission is to empower businesses to achieve new efficiency, accuracy, and competitiveness levels. Join us in shaping the future of material handling with our state-of-the-art autonomous solutions. Unlock your full potential and embrace the Lowpad advantages today.

Lowpad is on a mission to revolutionize the way goods are moved, stored, and managed. By empowering businesses with our flexible warehouse automation solutions, we strive to help them achieve unparalleled efficiency, accuracy, and competitiveness. Join us as we shape the future of material handling and unlock your full potential with the Lowpad advantages today.



Flexible. Scalable. Unbeatable.

ROI of less than three years

As the world's largest pure-play contract logistics provider, GXO knows technology is crucial to staying ahead of the competition. The company uses Lowpads to give its customers a competitive edge in cost, efficiency, accuracy, and environmental sustainability. The successful integration of Lowpad AMRs in a major facility in the Netherlands marked the industry's first use of this technology in the food and beverage sector.

Powered by Lowpad software

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40% less labour with Dynamic Zone Picking

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The best fit for retail

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Flexible and scalable

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CONTACT US

Get in touch

Ready to take the next step? Get started today by getting in touch with the automation experts at Lowpad.

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