



# SCANLOX

SCANDINAVIAN LOGISTICS

## Our Concepts

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Internal  
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ICOS

PALOMAT

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Waste  
Handling

Pallet Adapter

Pallet Changer

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Solutions

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Scanner Portal

# AGILOX AMR Testing

## Benefits

Experience with mobile robots  
Testing in your own environment  
Minimal disruption to operations  
Fast setup  
Insight into ROI



Test



## Experience the Technology in Your Own Operations

We give you the opportunity to see how mobile robots can optimize your material flow directly within your own facility. Instead of only viewing the technology at a trade fair or in a presentation, you can test it in practice under realistic conditions.

The test is carried out in your production or logistics environment, where the robot performs real tasks.

Throughout the entire test, you receive full support from our experienced team. We ensure that the robot is optimized for your facility requirements. After the test period, we deliver a comprehensive report with clear recommendations, giving you a solid basis for deciding on the implementation of AMR and automation in your production.

## Two Flexible Test Options

### One day test

A compact test where you receive an introduction to the robot along with live demonstrations in your own facility. Ideal for companies that want a quick overview of the potential.

### Extended test period

A longer test where the robot becomes part of your daily operations over several days. This allows you to evaluate how automation impacts workflow, production flow, and internal logistics processes over time.



# Internal Marketing

## Benefits

- Stronger brand identity
- Increased employee engagement
- Leaves a lasting impression



Internal marketing



## Custom AMR Wrapping

Take your brand identity to the next level with custom wrapping of your AMRs. This concept offers a unique opportunity to transform your automated fleet into a visually striking and cohesive part of your company's identity.

Wrapping is not only about enhancing the appearance of your AMRs. It is a strategic internal marketing tool that increases employee engagement, strengthens your company culture, and leaves a strong impression on visitors and stakeholders.

A wrapped AMR acts as a mobile and visible representation of your company. As it moves throughout the workplace, it becomes a continuous showcase of your brand and keeps your values and vision present for both employees and visitors.

## AMRs as Brand Ambassadors

With custom wrapping, your AMRs can reflect your brand's values and vision. Whether through logos, company colors, or other design elements, the appearance can be fully tailored to represent your business in a professional and eye-catching way.

When employees see their workplace reflect professionalism and creativity, it strengthens their sense of pride and connection to the company. A wrapped AMR becomes a shared symbol of culture and values, supporting collaboration and a strong sense of community.

For visitors, customers, and partners, a wrapped AMR signals attention to detail, innovation, and modern thinking. It is not only a functional tool, but a strategic asset that highlights your company's commitment to both aesthetics and performance.

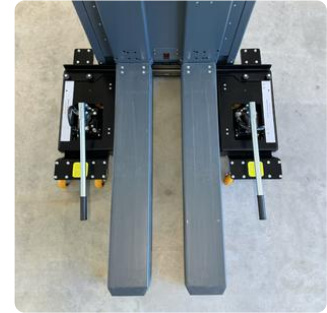
# ICOS

## Benefits

Ready for unexpected stops

Easy to maneuver

Durable materials



## In Case Of Stop

Even in the most well-functioning automation setup, unexpected stops can occur. If an AGILOX ONE or OFL AMR comes to a halt during a transport task, it can create bottlenecks in the logistics flow and disrupt production. This is where ICOS comes into play. The mobile hydraulic lifting trolley makes it possible to quickly and safely move the AMR, allowing operations to continue without prolonged interruptions.

ICOS is designed to handle multiple scenarios. It can:

- Move an AGILOX ONE or OFL with a load carrier
- Remove the load carrier and transport it separately
- Transport the AMR without a load carrier

## Prepared for the Unexpected

When the unexpected happens, ICOS supports your operations. Built from durable black powder-coated steel, it is designed for both strength and versatility.

ICOS consists of two mobile units, left and right, along with a transport bracket and a crossbar that functions as both a handle and a stabilizer. The robust construction ensures reliability and long service life, while remaining easy to handle in demanding situations.

Automation delivers significant efficiency gains, but that also means an unexpected stop can have serious consequences. That is why backup solutions are essential. ICOS is developed with exactly this purpose, to ensure that your automation continues to support your business needs, even when challenges arise.



ICOS

# PALOMAT

## Benefits

Compatible with all types of AMRs and AGVs  
Fast and easy installation  
Supplied with 24VDC IO signals



## Reliable Communication and Operation

The PALOMAT pallet magazine is designed for seamless integration with both AMRs and AGVs. When combined with a mobile robot, pallet handling can be fully automated, freeing up resources and reducing the risk of errors or damage. This setup ensures a consistent and reliable pallet flow across production, packaging, and warehouse operations.

The pallet magazine can handle a wide range of pallets, including wood, plastic, and metal. It supports all four-way pallets and can be adapted to specific pallet dimensions, providing flexible pallet handling that fits different logistics and production environments.

## Intelligent Communication and Integration

To ensure stable and reliable operation, the pallet magazine is equipped with a dedicated interface and pre-installed software. A 24VDC I O signal interface enables simple and efficient communication with AMR and AGV systems. This intelligent integration ensures precise docking between the pallet magazine and the robots, creating a stable flow and reducing the need for manual intervention.

By combining the pallet magazine with mobile robots such as AMRs and AGVs, companies gain a complete solution that strengthens automation and adds value to production. The interaction between the pallet magazine and the robots ensures that empty pallets are handled efficiently and safely, allowing employees to focus on higher value tasks.

# Pallet Changer

## Benefits

- Up to 65 percent faster pallet changes
- Minimal maintenance
- Reduced waiting time
- Compatible with multiple pallet types



Pallet Changer



## Pallet Change Without Interruptions

The solution is designed for environments where changeover time is critical to daily operations. When a robot has completed palletizing a pallet on the pallet changer, the system switches to an empty pallet in a single step without stopping production. The result is a faster workflow and a significantly more stable process.

The pallet changer allows an AMR or AGV to place an empty pallet underneath a loaded pallet. Once the process is completed, the AMR or AGV can retrieve the full pallet. When one pallet is lifted, the next automatically slides into position, allowing the robot to continue palletizing without interruption.

## Flexible Pallet Change for Multiple Pallet Types

The pallet changer operates fully mechanically, providing a highly reliable solution that requires minimal maintenance. This simple mechanism reduces pallet change time by up to 65 percent and frees the robot to move on to other tasks faster.

The pallet changer is designed for standard pallets measuring 800 x 1200. With a backplate, it can also handle 1000 x 1200 pallets, making the solution flexible for a wide range of production setups.

The pallet changer increases pallet handling speed, reduces waiting time, and supports a more automated production flow.

# Automated Waste Handling

## Benefits

Improved efficiency  
Increased workplace  
safety  
Operational flexibility



## From Manual Handling to Fully Automated Flow

The solution combines AMR technology (Autonomous Mobile Robot) and/or AGV technology (Automated Guided Vehicles) with advanced automation and high operational reliability, making it a strong and future-proof investment for companies looking to optimize their production and logistics environments.

At the core of the concept is the use of AMRs or AGVs for transporting pallet containers, replacing traditional waste bins and manual handling processes. This automation reduces the need for heavy lifting and manual work, improving efficiency while also enhancing employee safety.

## Optimized and Stable Waste Logistics

The system is based on PLC communication, enabling fully automated waste handling.

It integrates directly into existing production lines and logistics processes and supports both fully automated operation and manual control, depending on the company's needs.

With this automated waste handling concept, companies gain a modern, sustainable, and reliable solution that optimizes the entire logistics flow. By applying technologies such as AMRs, AGVs, and AI-based safety systems, the solution combines high efficiency with safety and flexibility.



Automated  
Waste Handling

# Pallet Adapter for Dollies

## Benefits

- Transport multiple units at once
- Improved space utilization
- Increased productivity
- Stable and safe transport



Pallet Adapter



## Transport Multiple Units in a Single Run

The Adapter Pallet is designed to unlock the full potential of the AGILOX ONE AMR and enables transport of multiple units at the same time. The result is faster flow, better space utilization, and higher productivity in both production and warehouse environments.

The adapter is designed for 400 mm trollies, but can also handle two 800 × 600 mm trollies or one 1200 × 800 mm trolley. It fits into existing transport systems and integrates easily into your current logistics setup.

## Better Use of Vertical Space

An intelligent locking system automatically secures the trollies to prevent movement during transport. The lock is only released when the foot pedal is activated, ensuring both stability and safety.

The trollies can easily be placed in high rack storage systems, optimizing vertical storage capacity and reducing floor congestion.

The adapter works seamlessly with both manual and automated conveyor systems, ensuring smooth transitions across your facility.

# LED Safety Light

## Benefits

- No ground preparation required
- Easy to install
- Easy to maintain
- Durable and resistant design
- 24/7 operation or adjustable time settings
- Energy efficient
- Up to 1,000 LUX
- Interactive functions such as flashing or pulsing signals to attract attention



LED Safety Light



## Visual Safety

Our safety light concept is designed to enhance safety in industrial, logistics, and warehouse environments by providing clear visual signals for both automated and conventional vehicles.

When combined with a PLC control box, precise control of the safety lighting is ensured. The system can be configured with a selection of standard lenses or customized to specific requirements.

This flexibility ensures optimal visibility and warning signals, improves awareness, prevents accidents, and supports safe operations in busy environments.

## Example: Real Time Pedestrian Safety

A pedestrian crossing is projected across a walkway that intersects with vehicle routes or automated systems. When a vehicle approaches within a defined zone, the pedestrian light automatically switches off and is replaced by a stop signal, warning employees of potential danger.

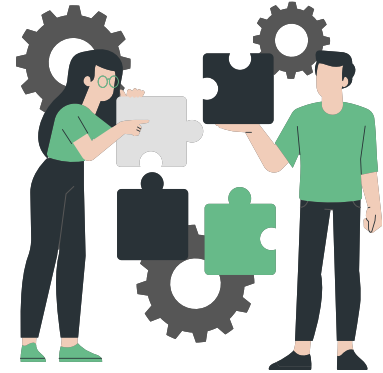
This dynamic system increases awareness and ensures a higher level of safety where people and machines operate in the same environment.



# Customized Solutions

## Benefits

- Collaborative approach
- Tailored design and functionality
- Full support throughout the process



## Optimizing Inefficient Workflows

We understand that every company is unique, and so are the challenges it faces. That is why we offer customized solutions designed to meet your specific needs and objectives.

We develop solutions with a focus on AGV or AMR automation, including tools or materials that complement mobile automation. Whether you aim to eliminate inefficient workflows, improve automation, or address complex logistics challenges, we help turn those challenges into opportunities with solutions tailored to your requirements.



Customized  
Solutions

## Example: Racks for the Pharmaceutical Industry

In one project, one of Denmark's largest pharmaceutical companies faced challenges in efficiently transporting tools to the production area. Their existing method was not sustainable and required excessive manual handling.

Together with the customer, we developed two racks specifically adapted to their needs, designed for easy handling with an AGILOX ONE AMR. The racks reduce manual work and ensure safe transport of tools. The result is a more efficient and automated transport system that improves both productivity and workflow.



# Scanner Portal



## Benefits

Avanceret scannings-  
funktion  
Driftssikkerhed  
Problemfri integration  
Driftsomkostnings-  
reducing  
Skalerbar løsning



Scanner Portal

## Optimizing Inefficient Workflows

The scanner portal, equipped with advanced COGNEX A1000 cameras, represents the latest technology in pallet handling.

The solution is designed to increase efficiency and accuracy in logistics and warehouse environments, especially when combined with Autonomous Mobile Robots (AMRs) and Automated Guided Vehicles (AGVs). By automating pallet handling and integrating advanced scanning with robotics, operations are optimized and a foundation is created for precise, high volume processes. The scanner portal measures pallet types and contours in real time as they pass through the system.

## Application Areas

**Retail:** Efficient handling of large volumes of palletized goods in distribution centers ensures fast and smooth warehouse operations.

**Production:** Optimizes warehouse logistics and production flow with precise pallet tracking, strengthening the supply chain and increasing productivity.

**Logistics:** Improves loading and unloading processes in the transport chain through fast and accurate handling of shipments, supported by automated vehicles and scanning solutions.



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