



**ecoro**

**End-to-end Transport Automation.**

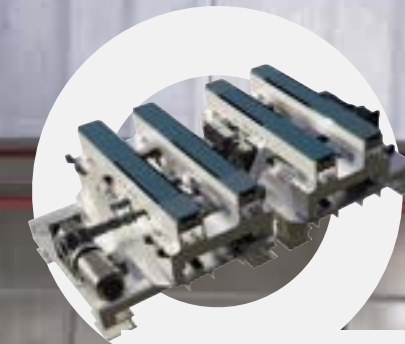
Reliable – Sustainable – Cost-Efficient.

# We connect Intralogistics Systems & enable End-to-end Automation.

**Automated freight transport in a dedicated lane** is the key to simple implementation, good scalability and high reliability for our customers.

Our flexible **transport shuttles** operate protected from the environment in a closed system that can only be entered for maintenance purposes. They are **loaded and unloaded automatically**.

Due to its high flexibility **the system can be optimally adapted to customer requirements**.



**Automated Loading Terminal**



**ecoro Shuttle**

# Customer Benefits.

Reduced Internal Logistics Costs

High Process Reliability

High Flexibility & Scalability

Zero Emissions

# Enabling high Throughput at low Costs: The Shuttle.

2.4t Payload

Four Pallets

High Speed

## FLEXIBLE

Whether above or sub-surface, the shuttles can handle **inclines of up to 12%**.

They can **switch lanes at any time** and move to a redundancy track if needed.

## SUSTAINABLE

The shuttle's electric drivetrain enables **CO<sub>2</sub>-neutral and whisper-quiet** freight transport.

With **inductive power supply** during operation, only a small battery is required, conserving expensive and rare materials.

## ECONOMICAL

Utilizing mass-produced components from the automotive industry, combined with robotics-based control systems, allows us to achieve a **target cost of under 20,000 €**.

Rubber tires eliminate the need for costly rail infrastructure.

## EFFICIENT

The option for **shuttle train formation** significantly reduces energy consumption.

**Predictable traffic conditions** enable the selection of an efficient speed at all times.

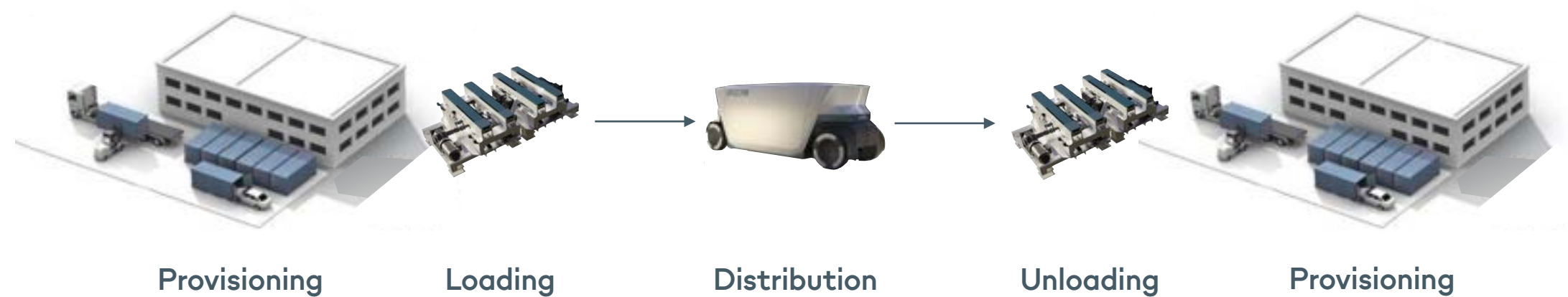
## SCALABLE

As transport demand increases, the system can flexibly respond by adding more vehicles.

New route sections can be seamlessly connected to existing infrastructure.

# Instant Loading and Seamless Integration.

Automated loading and unloading significantly reduces freight handling costs.



## SEAMLESS INTEGRATION

The loading terminal allows for easy **integration of the transport system into our customers' intralogistics.**

Our custom software solution seamlessly **integrates logistics operations into the digital processes** of our clients.

## FAST LOADING

With the **capacity to handle 720 pallets per hour**—equivalent to 20 fully loaded trucks—our system enables fully automated cargo handling.

This **requires only a fraction of the space** compared to manual operations.

## PROVEN TECHNOLOGY

Leveraging automation technology from our partner, Beumer Group, **ensures a high level of product maturity** from the outset.



Contact //



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