

**Overhead Conveyor solutions for  
Logistics, E-commerce and cross-docking**

ABOUT

# OCS Overhead Conveyor System

OCS Overhead Conveyor System offers internal transport systems to a range of different industries, including the Intralogistics industry.

**THE FOUNDATION FOR** OCS's success is control of our own production in Sweden, but above all our friction-based patented technology for hanging conveyors. A technology that enables us to offer modern industry solutions that are clean and oil-free, ergonomic and quiet, and highly flexible for fast changes.

With more than 500 installed systems globally in a range of different industries, our long experience has given us a strong position as lean production specialists.

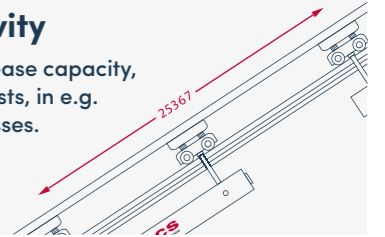
We create the optimal solutions based on your needs and our know-how.

## Efficient material flow solutions

We solve your internal transport needs with the best solution for your operation/business.

## Increase productivity

Our Turn-key solutions increase capacity, with reduced production costs, in e.g. kitting and assembly processes.



## Lean, Clean, Green – sustainable production

Efficient production flows that are oil free, quiet, energy effective and safe.



## Your need Our Know-How

You will benefit from our competence and experience in material flow solutions for the industry.

## Future proof technology

The OCS conveyor system is robust, flexible and modular for easy changes and low maintenance costs.

## Increased safety & security with direct impact on profitability.

Increase staff productivity and yield in a safe and ergonomic working environment.

## Maximize valuable floorspace

With OCS overhead conveyors valuable floor space in production is made available.

### OUR TECHNOLOGY

# Friction-free by friction

Everyone strives for a frictionless production process where everything is lean. We also do this by building our technology on - friction. A patented technology that provides an oil-free, quiet and flexible conveyor solution.

**THE TRACK'S DRIVING** mechanisms on our two overhead conveyors consists of a friction belt for the OCS 150 and a rotating aluminium tube for the OCS 500, both driven by a worm gear.

The OCS 150 carriages are fitted with a friction pad pressed against the drive belt with spring force, the force being transferred to the

drive plate and the carriage driven forward by friction.

On the OCS 500, the trolley has four inclined wheels pressed against the rotating tube. The rotational force is then transmitted to the wheels whereby the carriage is driven forward by friction. Clean, quiet and efficient.



### Clean and oil-free

Quiet, clean and reliable. No dirty oil as with traditional chain conveyors.



### Efficient installation

Quick installation with minor interruption of existing production and easy maintenance.



### Flexible and smooth

Modularly-built standard components to enable fast switching.

## Facts

**Owner:** Axel Johnson International\*, Christer Lundgren, Kenth Almqvist and Mathias Frunz

**Headquarters and production:** Borås, Sweden

**Sales offices:** Sweden, Germany, UK, Czech Republic, USA and Japan

**Markets:** 30 countries

**Installed systems:** Approx. 500

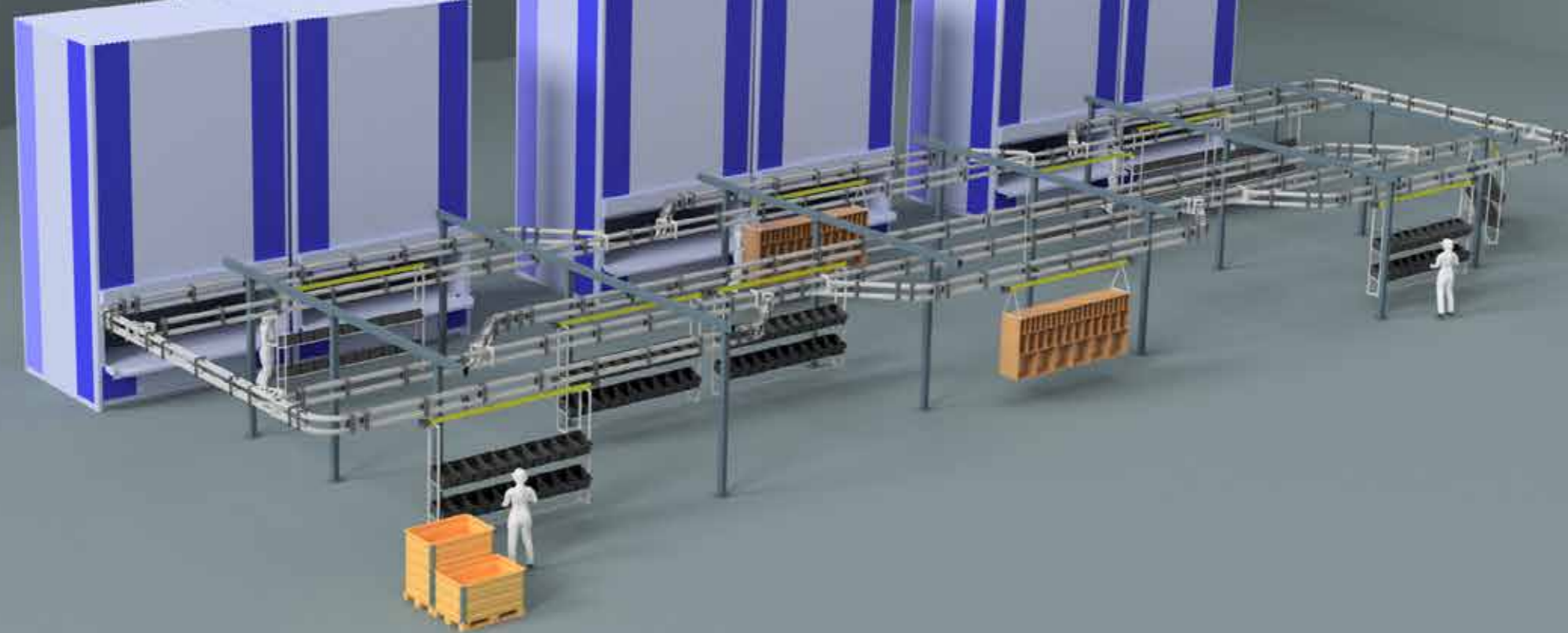
**Employees:** Approx. 50 (120 worldwide)

**Turnover:** Approx. 10 MEUR (24 MEUR worldwide sales)

**Certifications:** ISO 9001 Quality, ISO 14 001 Environment and EN 1090-1

\* OCS is part of Axel Johnson International, a global industrial group of more than 150 companies in 30 countries. Axel Johnson International drives business development and growth through a long-term approach to ownership in strategically selected niche markets, primarily technical components and solutions for industrial processes.





# Efficient order picking system

**Our solution together with vertical lift/carousel storages dramatically increases efficiency and capacity. The overhead conveyor solution will optimize floor space utilization and operator accessibility. The objective is to manage multiple orders simultaneously.**

- Compact layout
- Used for both orders (B2B/B2C) and replenishment
- Separate stations for packing and incoming goods
- High frequency products located in a separate station
- Embedded buffers to balance the flow
- “Open floor”, easy access to the different stations

## Product carrier

- Designed to your needs
- Shipping boxes and/or plastic totes
- Mix of box/tote sizes possible
- Separate carrier for incoming goods
- Improved ergonomics



## Multi – orders

- Multiple customer orders handled and transported together on the same carrier
- More possible picks per tray
- “Open box” (B2B) and E-commerce (B2C) possible in the same system

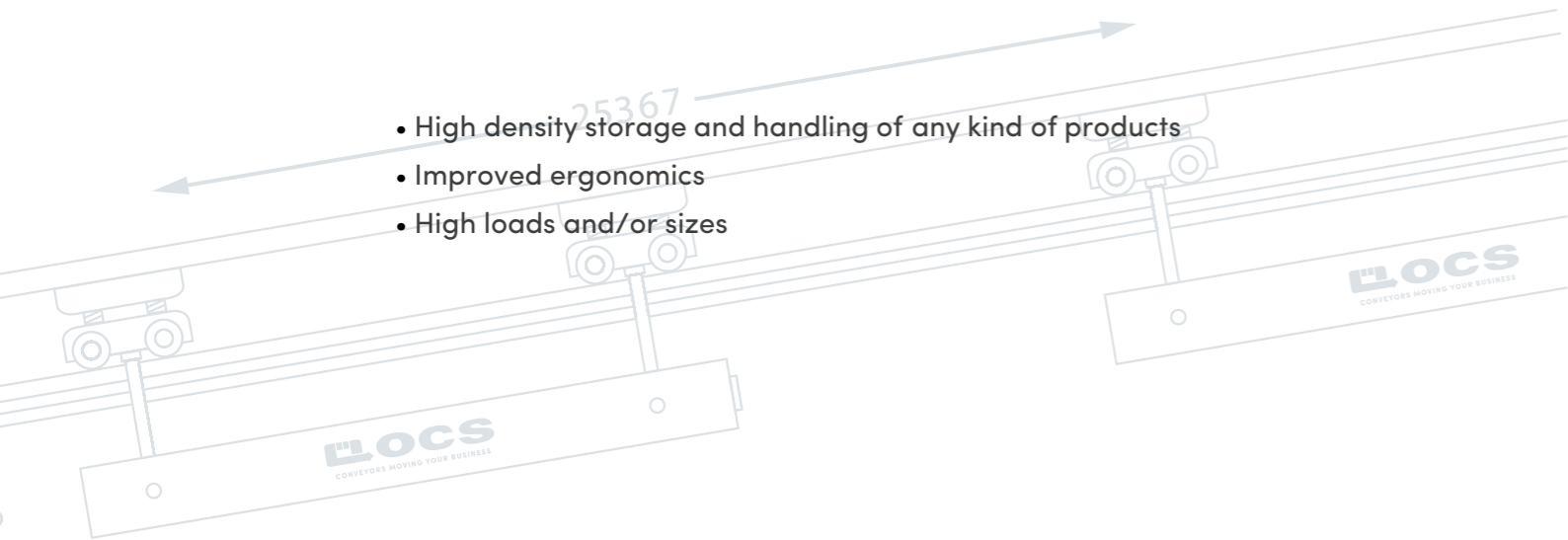
## Advantages:

- Minimized order handling → reduced costs and increased capacity
- Automatic transport between stations → fewer operators required
- “Open box” (B2B) and E-commerce (B2C) possible in the same system → high flexibility
- Multi-picking in each station → increased efficiency
- Picking verification with scanner → increased quality
- New order can be introduced seamlessly → fast order execution

# Trolley storage

OCS overhead conveyor solutions increase storage density in the Intralogistics industry – from light items to heavy and bulk parts. Our highly flexible conveyor can be used for all kinds of goods – from single products, pallets, cartons and trays to trolleys and odd-sizes loads. The product carrier is always designed to meet the customer needs.

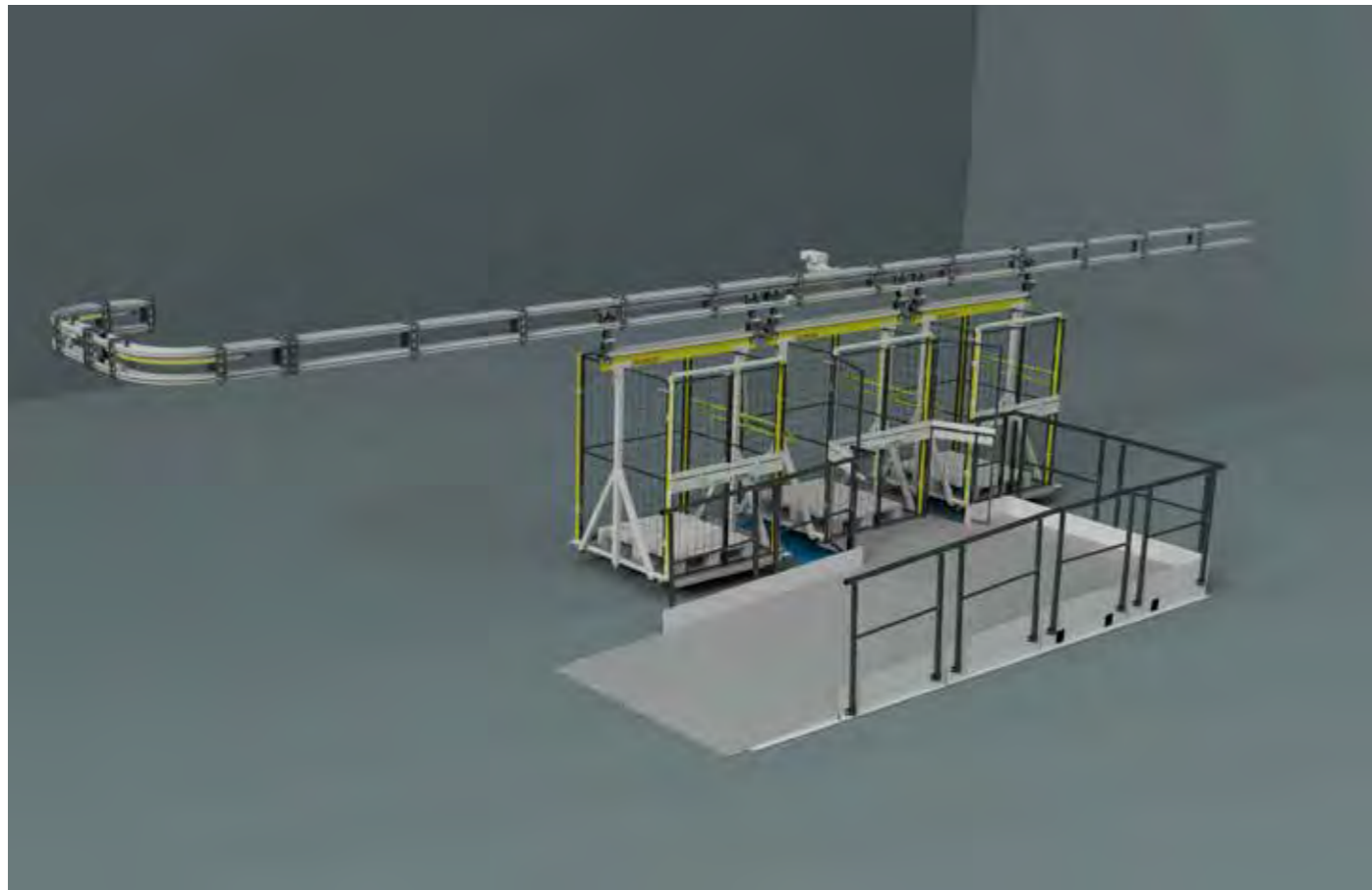
- High density storage and handling of any kind of products
- Improved ergonomics
- High loads and/or sizes



# Storage and transport solutions for garments

The OCS Overhead Conveyor system will help you maximize floor space utilization and boost the productivity of your operations. Our conveyors can be used to store high volumes of hanging garments with high density and retrieve specific garments quickly and efficiently.

- High density storage
- Long and short garments on different carriers
- Carrier automatically transferred to picking zone
- Garment storage can be combined with e.g. footwear





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