



SYSTEMS INTEGRATOR SOLUTIONS MANUFACTURER AND PROVIDER

WAREHOUSE AUTOMATION
PRODUCTION LOGISTICS

| DATE: 2024

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FIGURES THAT MAKE US PROUD

We are Europe's leading manufacturer, supplier and system integrator of automated intralogistics solutions and intralogistics equipment

- ✓ Skilled partner - 30 years of experience, 1000+ Clients worldwide
- ✓ Team of >400 employees, with 300 skilled specialists delivering value to clients
- ✓ Unique solutions - We are the first-choice partner for Agile intralogistics solutions in Europe
- ✓ Global support: We implement our solutions all over the world
- ✓ High quality & safety - We are the preferred supplier for leading brands and OEMs



COMPANY OVERVIEW

UNIQUE COMPETENCIES



Hardware

- **All competencies in-house** - automation, manufacturing (design + production)
- **Systems integration competence** – tested on numerous projects
- **Strong heavy & light competency** – established on a stable market



Automation & Robotics

- **Robots** – handling using industrial
- **Mobile vehicles** -autonomous transportation on enabling flexible distribution



Software

- **IT/software in-house** – one-stop shop + electronics, automation and control
- **Potential in advanced products** such as in-house predictive maintenance solutions using AI
- **Developing OT cybersecurity** in line with expected EU initiatives



Execution

- **Strongly rooted project approach** across entire ES operations
- **Ability to take on large projects** (~>25m EUR)

OUR VALUES + DEVELOPMENT STRATEGY = HUNDREDS OF IMPLEMENTATIONS ACROSS INDUSTRIES AND COUNTRIES



CLIENT'S
SATISFACTION



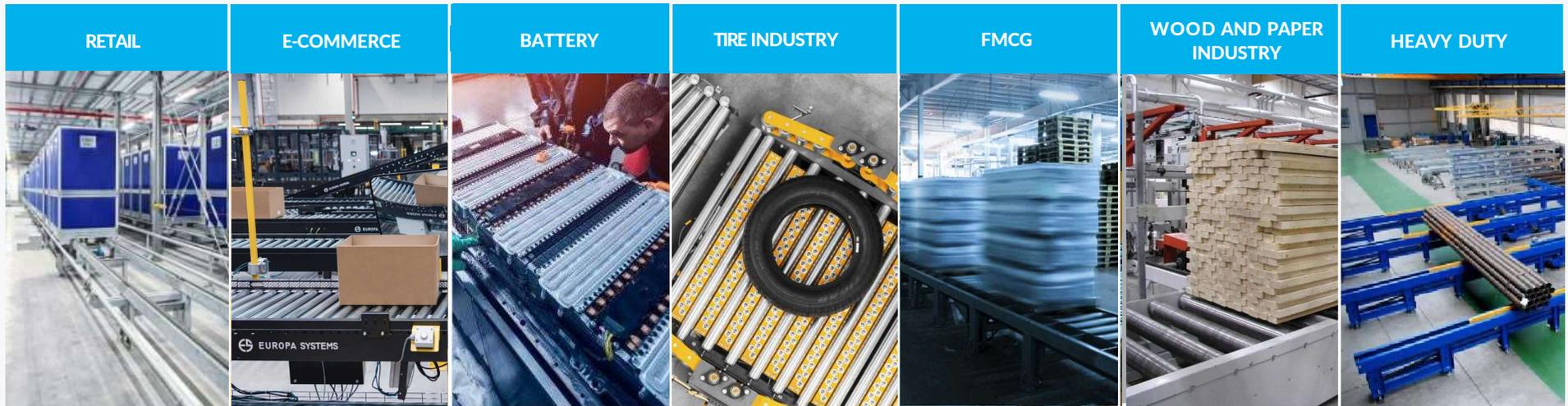
INNOVATION



QUALITY

We implement **our transport and storage systems** around the world in >8 industries.
Half of the clients are our regular partners.

Our core industries:



CONTROL SYSTEM & IT

Comprehensive services in the field of design, construction and servicing of control systems for industry.

- Development and implementation of control systems
- Audits of control systems, including in the area of safety
- Creating simulations of virtual object models and visualizations (HMI, Digital Twins)
- Modernization of existing control systems
- Comprehensive technical support and service of control systems – HOTLINE 24/7
- Developing intelligent algorithms

SYSTEMS FOR CUSTOMERS

- WCS / MFC
- QVIEW

AUTOMATICS

- Control systems (design, implementation, launch)
- e-FlowTech



PALLET HANDLING

Pallet handling solutions are designed for technological, storage and distribution processes, which use various pallets with a maximum load capacity of 1500 kg, e.g. for internal transportation, storage, palletization.



ATLS - AUTOMATIC TRUCK LOADING SYSTEM



ES SMART HD AMR - AUTONOMOUS MOBILE ROBOTS



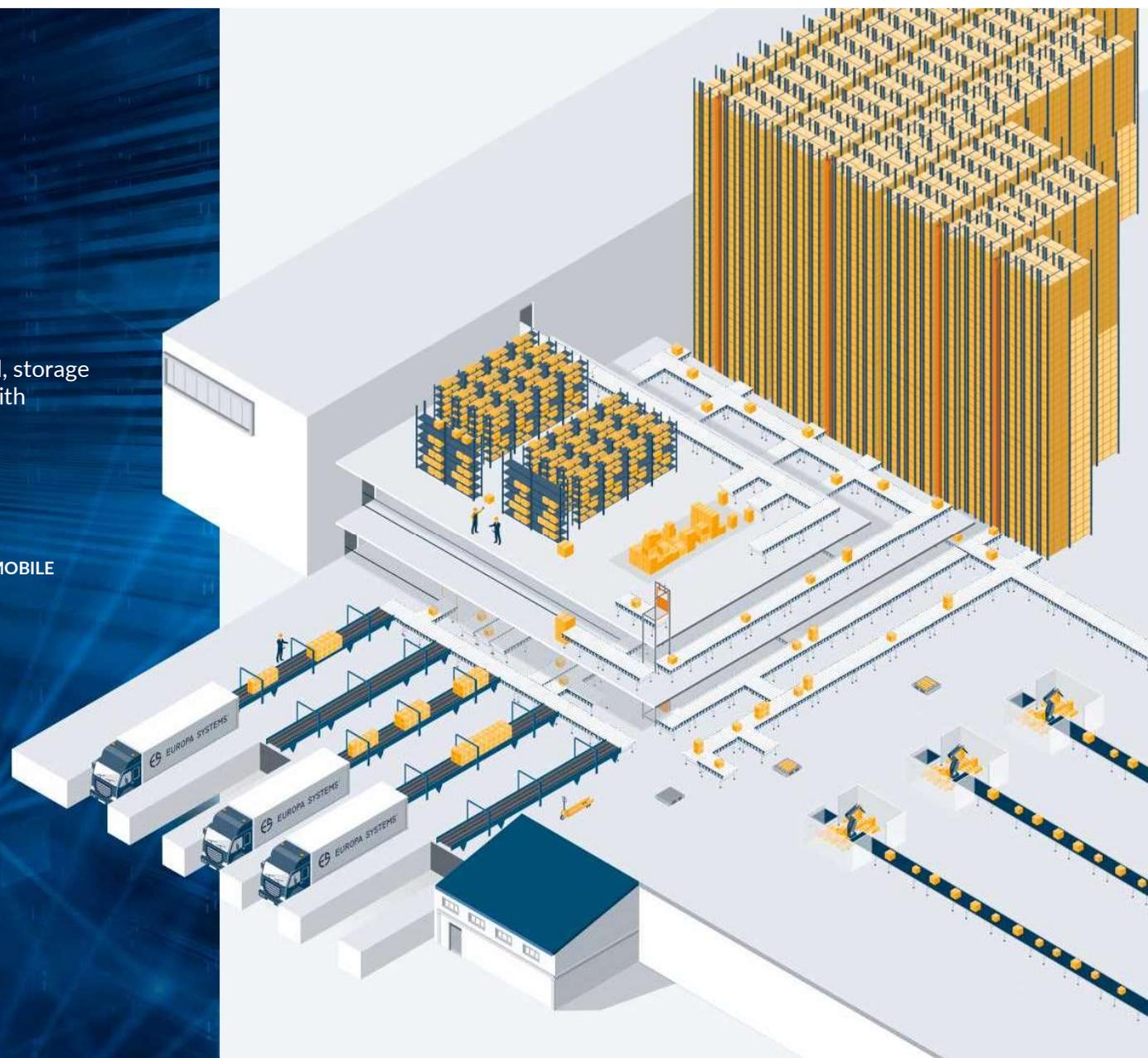
PALLET HANDLING SYSTEMS AUTOMATED CONVEYOR LINES



ROBOTS ROBOTIC HANDLING AND IPALLETIZING SYSTEMS



ASRS - PALLET STACKER CRANES



PALLET HANDLING SYSTEMS AUTOMATED CONVEYOR LINES

TURNKEY SOLUTION

Integration with the WMS System - module conveyor system:

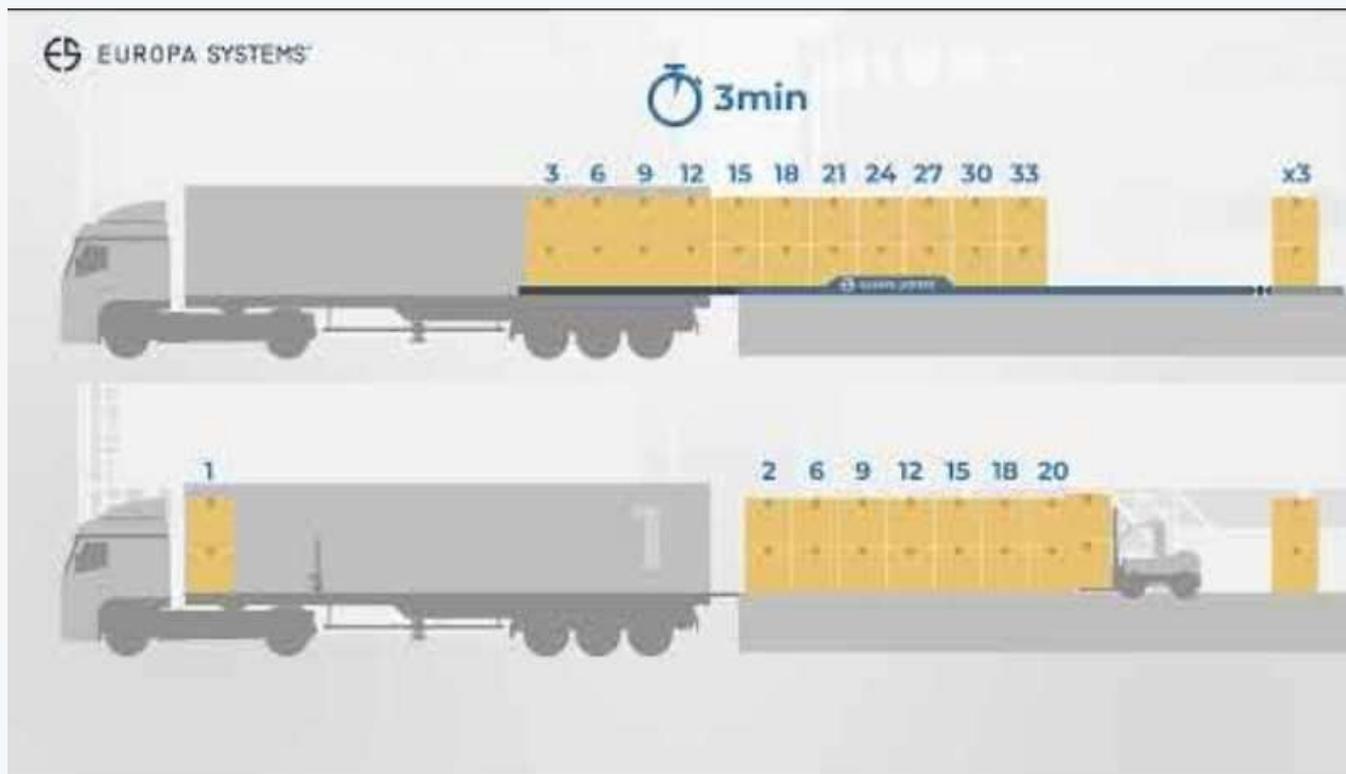
- Transporting roller systems
- Modular belt conveyor systems
- Chain conveyor systems
- Vertical conveyor (elevator) systems

BENEFIT FOR THE CLIENT

- Improved efficiency and throughput
- Improved worker safety
- Production and storage space optimisation



ATLS – AUTOMATIC TRUCK LOADING SYSTEM - video





EUROPA SYSTEMS

ASRS - PALLET STACKER CRANES & PCS - video



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ES SMART HD AMR – AUTONOMOUS MOBILE ROBOTS

Autonomous transportation enabling flexible distribution of palletized goods in storage and production logistics areas. The robot requires no modernisation of the work area or precise routing.

BENEFIT FOR THE CLIENT

- 24/7 operation
- SLAM navigation
- Intelligent routing
- Work in a rapidly changing environment



ROBOTS ROBOTIC HANDLING AND PALLETISING SYSTEMS

Handling using industrial robots, Gantry systems and hybrid systems. Palletisation of cardboard packaging up to 30 kg in weight - multiple cardboard boxes at a time. Turnkey solution featuring a pallet and pad depot, a conveyor system and proprietary ES Qview software.

BENEFIT FOR THE CLIENT

- KPI monitoring, diagnostics, failure prediction
- Module solutions
- Quick integration with other solutions
- Easy-to-use pallet pattern generator



ROBOTS & ROBOTIC HANDLING AND PALLETISING SYSTEMS - video



TOTE AND BOX HANDLING

Automated, effective and safe handling of light loads: cardboards, containers and boxes with a maximum weight of 50 kg. Dedicated solutions such as light conveyor systems, robots and automated truck unloading systems - telescopic conveyors.



LIGHT LOAD HANDLING SYSTEMS AUTOMATED CONVEYOR LINES



ES COBOT PALLETIZER - PALLETIZATION STATION



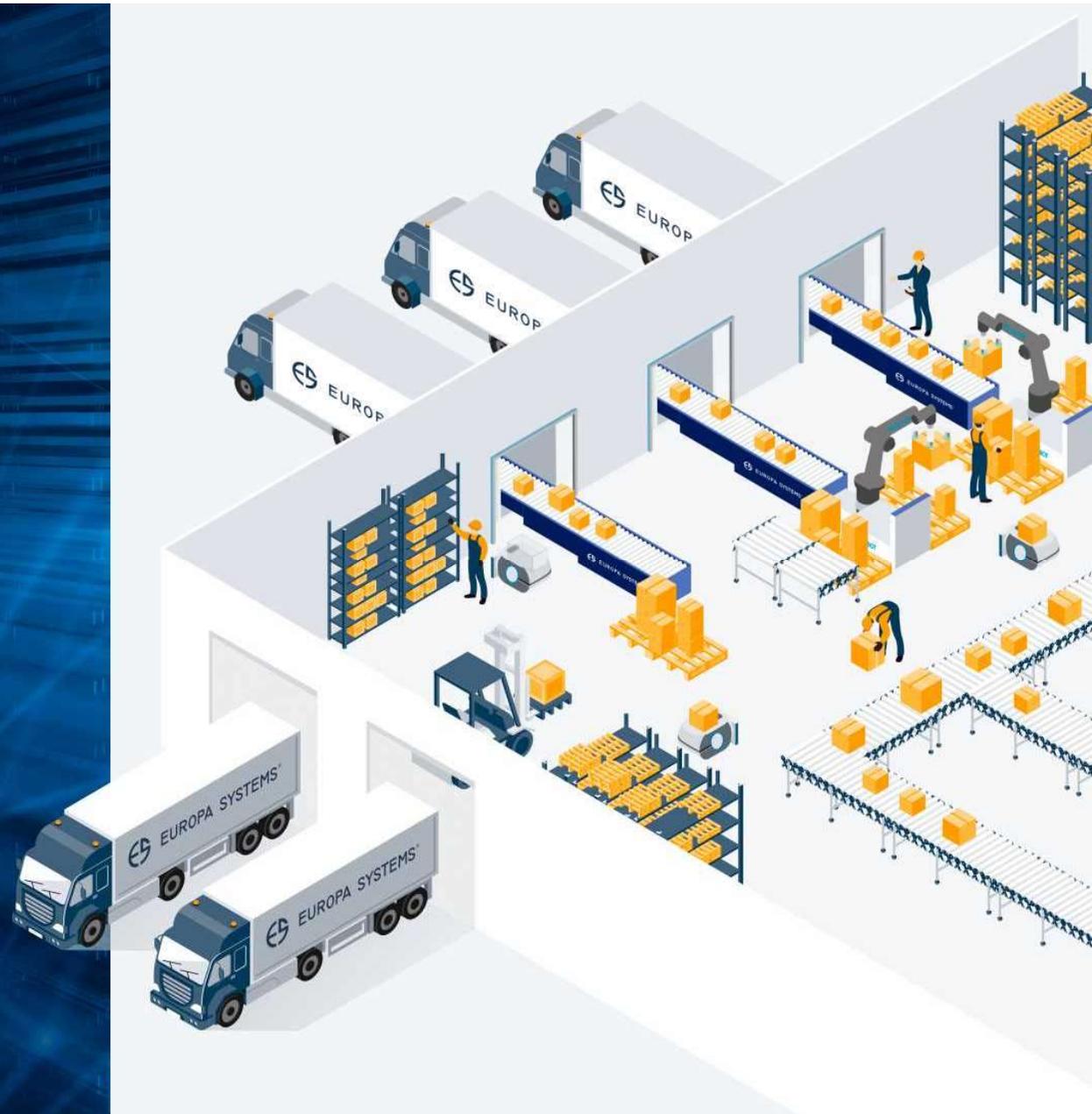
AUTOMATIC LOADING AND UNLOADING TELESCOPIC AND FLEXIBLE CONVEYORS



GANTRY ROBOTS AUTOMATIC ORDER PICKING



ES SMART LD AMR - AUTONOMOUS MOBILE ROBOTS



LIGHT LOAD HANDLING SYSTEMS AUTOMATED CONVEYOR LINES

Light load handling systems enable free and safe movement of goods in horizontal, vertical and sloping stretches. Automated light load handling systems are fully integrated with other systems used in warehouse automation or production logistics processes.

BENEFIT FOR THE CLIENT

- Improved efficiency and throughput
- Improved worker safety
- Production and storage space optimisation

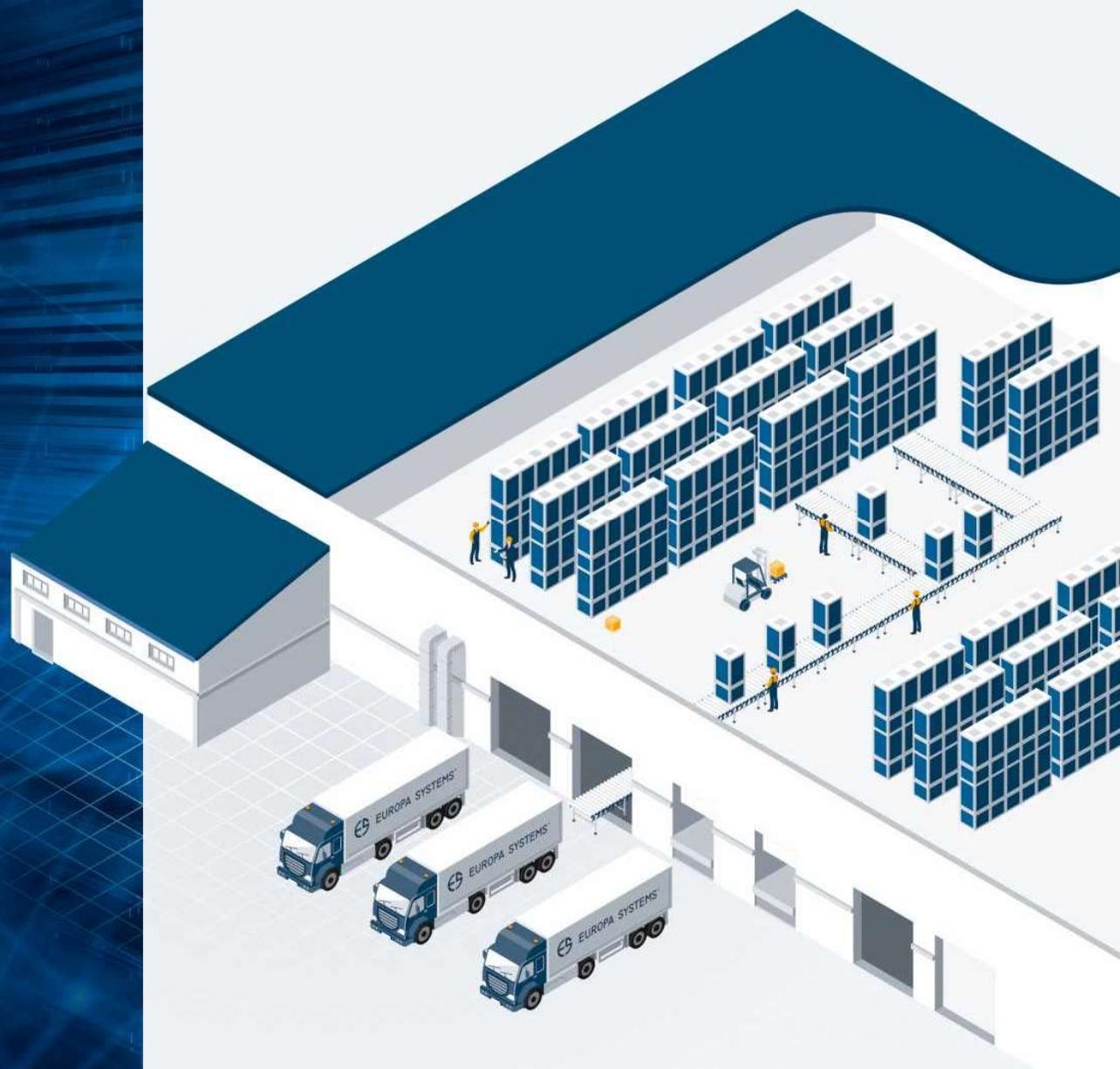




ROLLCONTAINER AND ISOLATED CONTAINER HANDLING

Dedicated solutions for the handling, buffering, washing and drying processes, related to rollcontainer and TKT isolated container intralogistics, which support a fresh supply chain.

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TRANSPORTATION AND BUFFER SYSTEMS FOR SHIPPING CONTAINERS

The system ensures uninterrupted transportation of shipping containers, short loading and unloading times and maximised buffer zone. Our solutions may be equipped and integrated with solutions supporting transportation processes, e.g. through integration with washing solutions.

BENEFIT FOR THE CLIENT

- Improved DC throughput
- Optimised restocking and restocked container delivery times
- Product safety
- Cold chain supply throughout the process

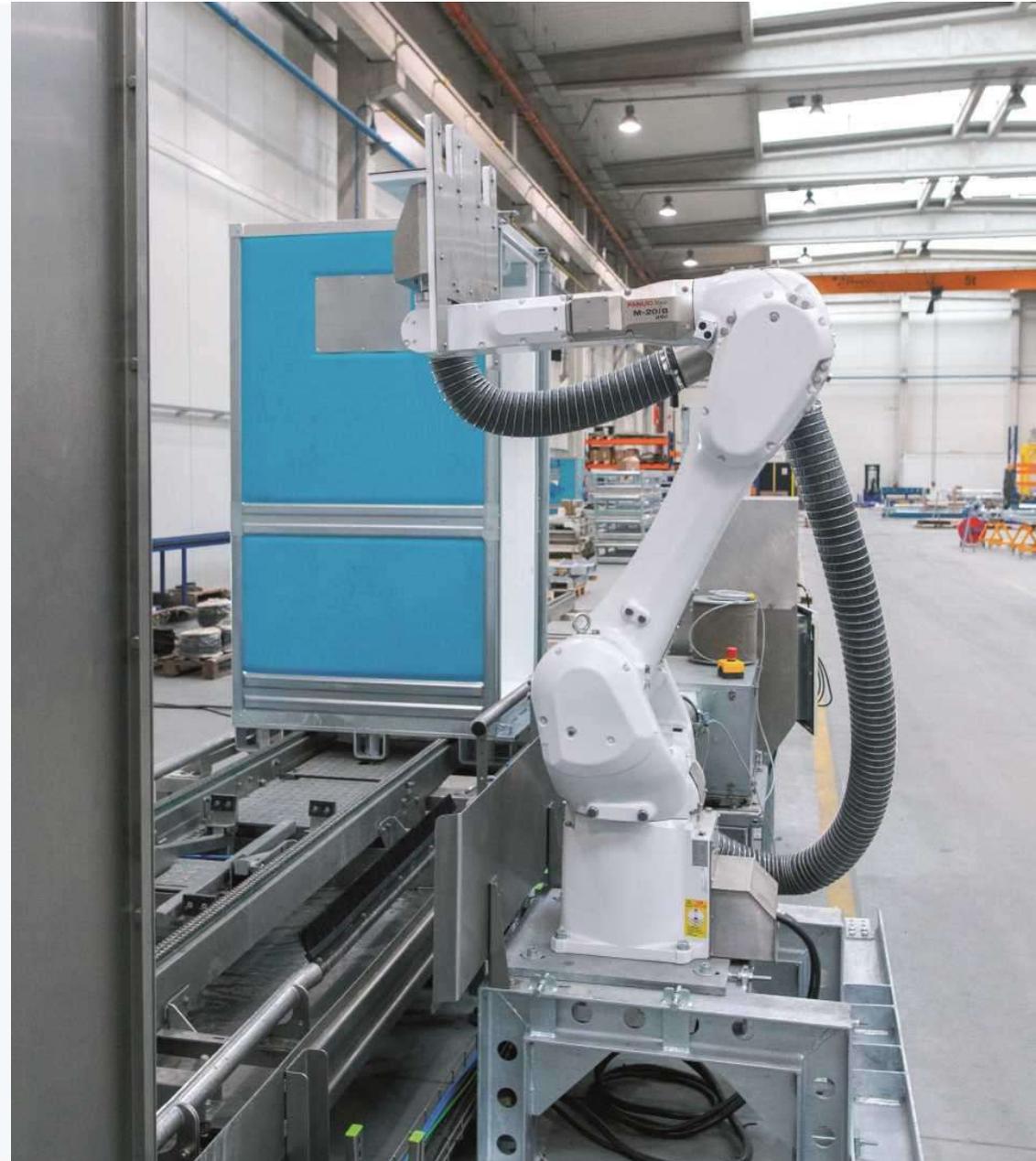


ES ROBO WASH & DRY

Automated and robotic system for washing and drying insulated shipping containers used in distribution. Innovative automation of the process of washing insulated shipping containers in low temperatures of 2-5 degrees Celsius and high humidity.

BENEFIT FOR THE CLIENT

- Quality control - shipping container traffic monitoring
- Module solution - easy integration and expansion
- Environmentally friendly





EUROPA SYSTEMS

HEAVY LOAD HANDLING

Automation of heavy and custom-sized load storage and handling processes. Our systems guarantee safe and efficient transportation of loads with a weight of over 2000 kg.

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ES TOWER AUTOMATIC SHEET METAL STORAGE SYSTEM

A sheet metal depot is a universal solution that works well as an automatic storage system for various types of oversize loads such as sheet metal, raw particle board, boxes, pallets, as well as a buffer warehouse.

BENEFIT FOR THE CLIENT

- Reduced space
- Improved work ergonomics
- Time savings
- Improved safety



HEAVY LOAD TRANSPORTATION SYSTEMS

When transporting heavy loads, safety and efficiency of movement of the heavy and bulky cargo are crucial. Our systems guarantee safe and efficient transportation of materials weighing over 2,000 kg.

BENEFIT FOR THE CLIENT

- Reliability
- Workplace safety
- Making the production process more efficient and faster
- Reduced space



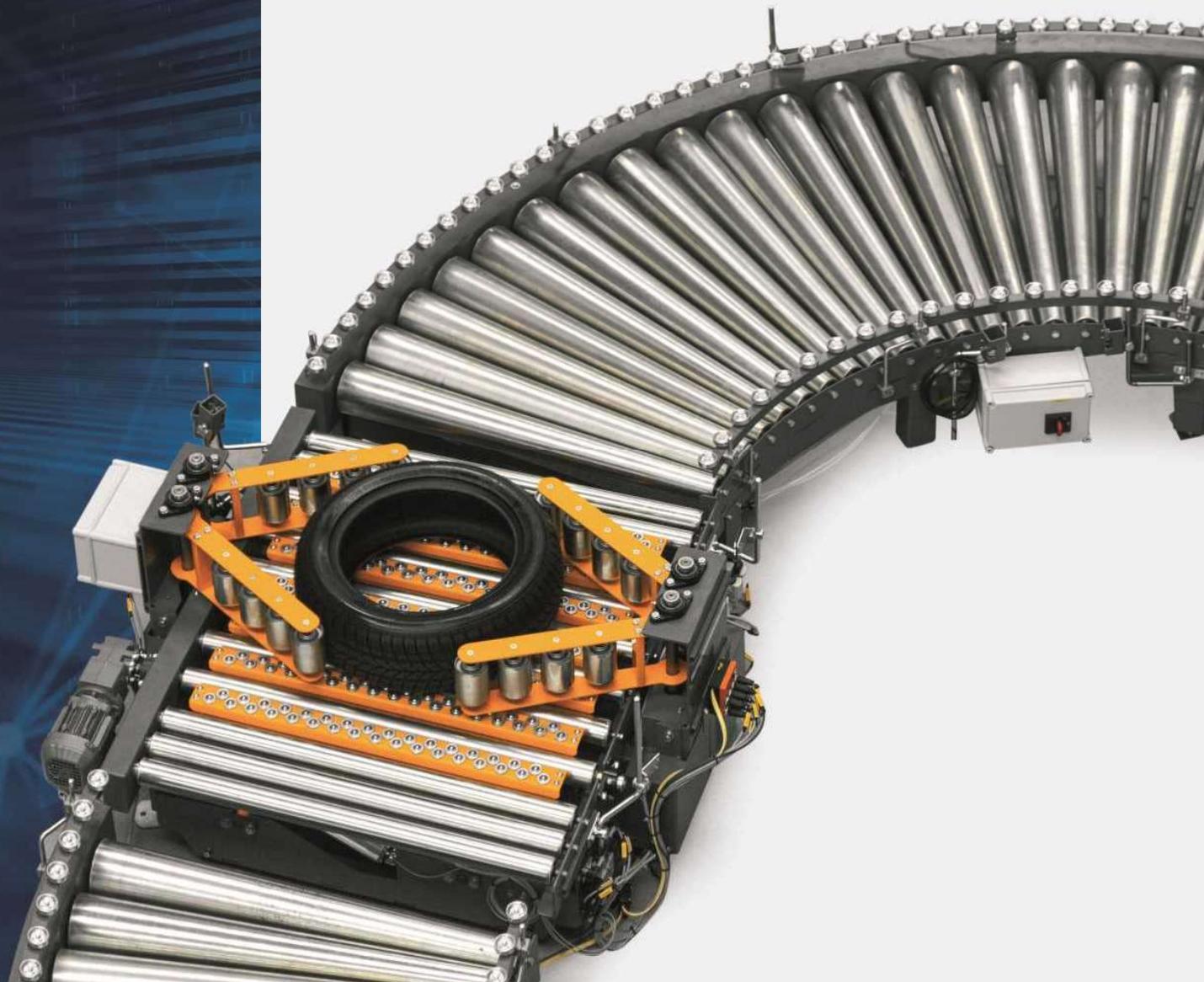


TIRE HANDLING

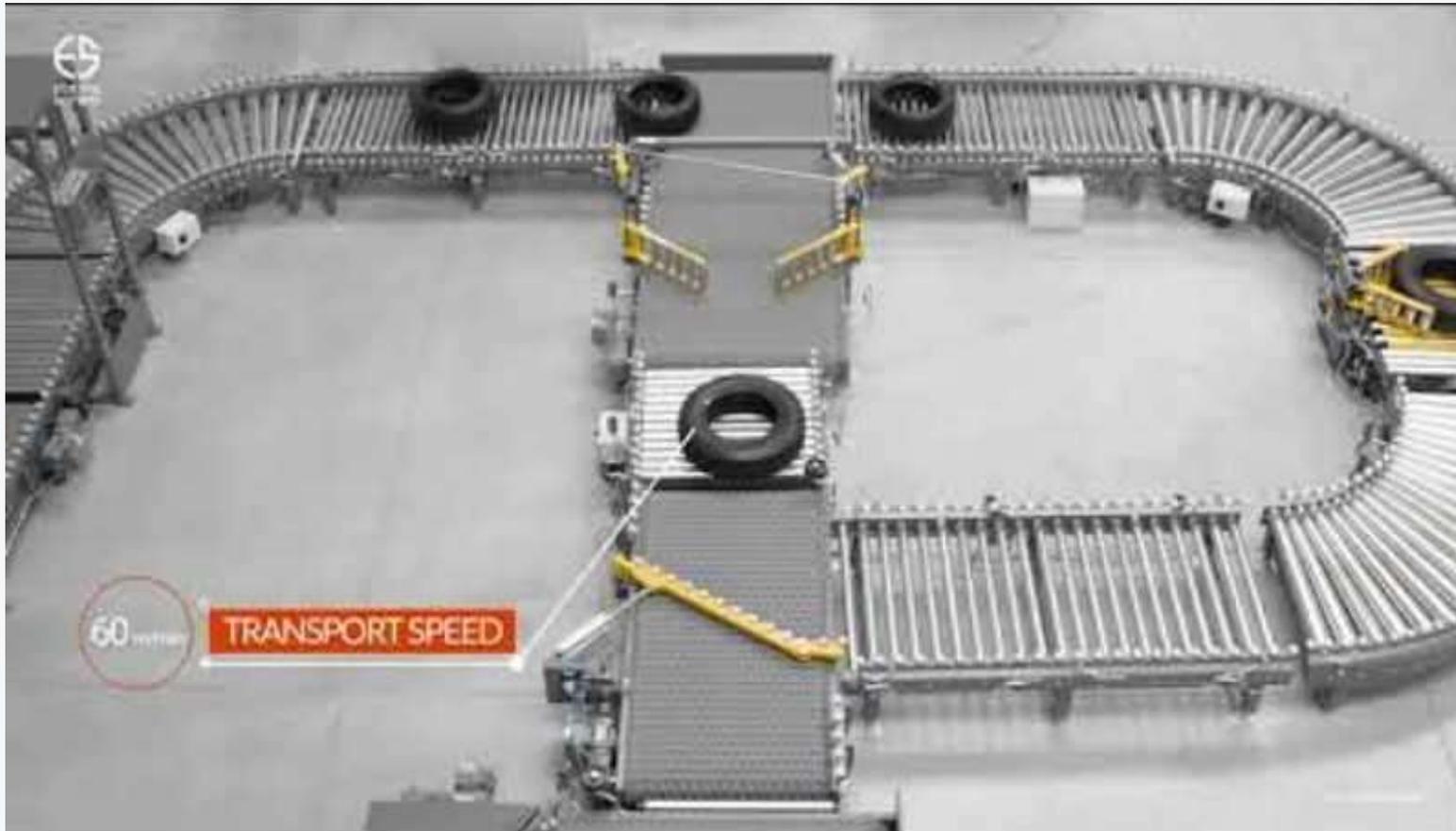
AUTOMATION OF TIRE TRANSPORTATION

The tire transportation system offers smooth integration with existing IT platforms, industrial robots, manufacturing machinery and other internal logistics systems.

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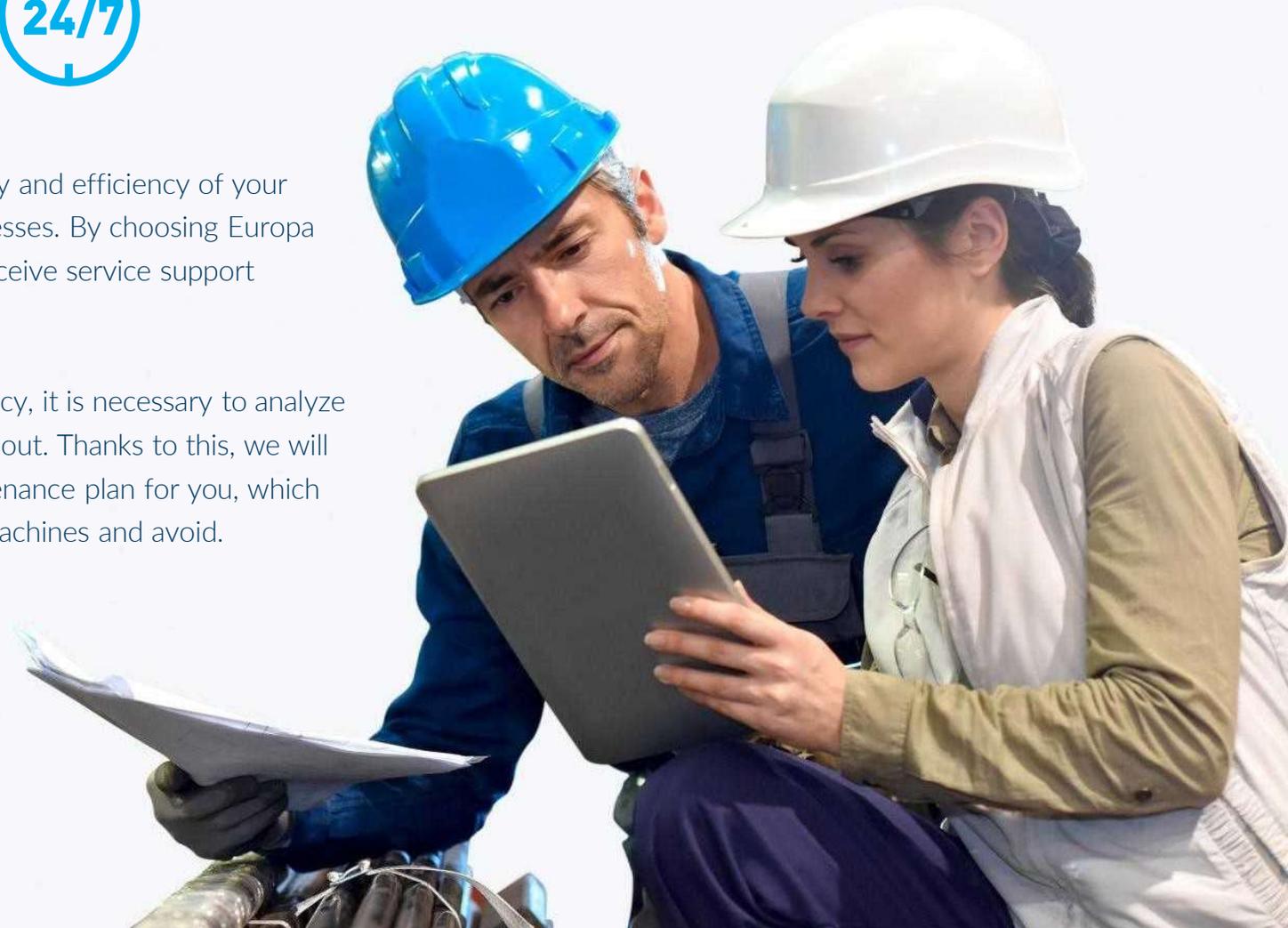
 EUROPA SYSTEMS
TIRE HANDLING - video



SERVICE FOR CLIENTS



- Efficient service guarantees the continuity and efficiency of your organization's production and logistics processes. By choosing Europa Systems solutions, you are guaranteed to receive service support whenever the need arises.
- For the systems to operate at full efficiency, it is necessary to analyze and understand the processes being carried out. Thanks to this, we will be able to select the best service and maintenance plan for you, which will ensure trouble-free operation of your machines and avoid.



WE WERE TRUSTED BY:



... and many more!



 Żabów 76B, Pyrzyce, Poland

 +48 91 570 350

 info@europasystems.com

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