TIME FOR INVESTMENTS – PROCESS AUTOMATION

INTRALOGISTICS FOR THE PAPER, WOOD AND PACKAGING INDUSTRIES

SMOOTH PRODUCTION | SAFETY OF OPERATION | TRANSPORT CAPACITY
AUTOMATIC STORAGE OF PRODUCTS AND COMPONENTS
**SMOOTH PRODUCTION FLOW**

The process of picking and storage of empty pallets, and then handling of loads on pallets for storage or shipment, is often a bottleneck in the supply chain of the paper and packaging sector. Especially when existing solutions, such as transport based on forklift trucks, become inefficient and prevent the use of new production capacity.

Dedicated solutions from Europa Systems make it possible to change your sector’s challenges into your company’s success!

**TRANSPORT EFFICIENCY**

Issues of internal transport of products and components in the wood or paper industry can be viewed on many levels. They may involve various types of equipment, technical solutions and production capacity, which is a function of the adaptation of handling equipment to demand and to changes in the product range. Logistics managers face a difficult challenge in organising the efficient flow of materials and finished products in a manner that is both optimal for production processes and cost-effective.

**WORK SAFETY**

One problem that appears quite often is the manipulation of loads that are unwieldy for manual handling, delicate or too heavy — these include products and components of the wood and paper industries. Unusual shapes, large size, or the lack of handles makes lifting and moving them inconvenient.

**CHALLENGES FACED BY MANUFACTURERS OF PAPER, WOOD AND PACKAGING**

**Time for investments.**
The wood industry and the packaging sector are among the fastest-growing markets in the world.

Indicators such as speed of response and flexibility of production — previously reserved for the FMCG sector — have become the measure of success in these sectors, too. This means modernisation of manufacturing processes, as well as commercialisation of R&D work aimed at launching production of new, innovative products — in other words: investment. Investment in new equipment, complete process lines that meet the key challenges facing your sector.

**OUR SOLUTIONS**

**Automation of transport and storage processes.**

Higher throughput of transport of heavy and bulky loads. During the transport of heavy loads, efficiency of movement is an important issue. Our systems guarantee efficient, safe transport of products and components for the wood and paper sector.

**AUTOMATED SYSTEMS FOR TRANSPORT OF HEAVY LOADS**

**IMPROVED PERFORMANCE**

Full automation of the palletising process:
- Automatic adjustment of handling equipment to demand and to changes in the product range.
- Integration with equipment including wrappers, banders and empty pallet storage.

**LOAD CAPACITY**

*from 2,000 kg/m*

**TRANSPORT SPEED**

adapted to process requirements

**SAMPLE TYPES OF LOAD HANDLED:**
rolls, bales, sheets, board packages

**AUTOMATED SYSTEMS FOR PALLET TRANSPORT**

**SMOOTH PRODUCTION FLOW**

- Sample types of load handled: rolls, bales, sheets, board packages

**AUTOMATED SYSTEM FOR WOOD STORAGE**

**WORK SAFETY**

Increase in performance, quality and ergonomics:
- Optimum use of available space,
- Load conveyors with capacity of up to 15 tonnes integrated with storage facilities,
- Maximum shelf load: 3,900 kg.

**SCOPE OF SERVICES**

- **concept**
- **design**
- **manufacturing**
- **deployment**
- **training and service**

**Supplying** 10 European factories of an American papermaking company with internal handling equipment

**It is worth trusting** our experienced specialists in automation of internal logistics processes.
Comprehensive solutions for intralogistics

**Europa Systems** is a leading manufacturer of automated internal logistics systems.

We are a team of 170 engineers, technicians and highly qualified specialists. We have one of the most modern production plants in Europe.

We have over **20 years of experience** gained through deployment of hundreds of projects for clients in 35 countries.

We **solve problems** by providing world-class solutions for the automation and optimisation of internal processes for transport and storage.

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This catalogue does not constitute a commercial offer.