



Smart Moves *for* Smart *Packaging*

Dear readers,
we are thrilled to invite
you to discover our world
through this brochure.
In these pages,
we offer a glimpse
into **our vision**
and the dedication we put
into every project.
We hope this
content inspires you to
understand our commitment
to innovation, sustainability
and excellence.



Contents

Introduction

- 3 Story
- 5 Timeline

SineWaste

- 7 Approach
- 8 Benefits

Products

- 10 Conveyors
- 11 Elevators & Lowerators
- 12 Chain Conveyors
- 13 Roller Conveyors
- 14 Sorters
- 15 Stackers & Destackers
- 16 Robotic Islands
- 18 Palletizers
- 20 Automatic Pallet Inserters
- 21 Curve Tangent Zero
- 22 Other Products
- 23 Main Sectors
- 24 Served Sectors

Contacts

- 25 Contacts





Our Story

Our roots, our evolution

The story of the **Rails** brand and Dgroup began in 1999, when **Mauro Dalmonte** founded his **mechanical design studio**. Over the years, it has become a benchmark for the design of **automatic machines** for the **packaging, corrugated-board**, and **end-of-line sectors**. Mauro's experience, combined with his attention to quality and precision, has enabled the studio to develop innovative and highly reliable solutions, meeting the needs of an ever-evolving industry.

The New Chapter: The Entry of Simone Dalmonte and the Evolution of the Studio.

In **2007**, **Simone Dalmonte** joined the family business, bringing a wave of modernization and innovation. By **2012**, he decided to specialize in **industrial conveyors**, expanding the range of services and opening new growth opportunities.

Since then, Simone has gained extensive experience, working on solutions for a wide range of industries, including **packaging, food, pharmaceutical, beverage**, and **paper converting**. This specialization has allowed the firm to expand its offering, focusing on innovative and high-performance handling solutions.





The Turning Point of 2020: The Birth of Rails and DGroup

In **2020**, amid the global uncertainty caused by the Covid-19 crisis, Simone decided to **change course** and follow his entrepreneurial ambitions. With the goal of consolidating the experience gained over the years and launching an innovative new project, he created **Rails**, a brand dedicated to the production of high-quality **industrial conveyors**. Rails was born as a forward-thinking brand, designed to deliver advanced and customized solutions for the packaging, corrugated, and other high-value industrial sectors.

At the beginning of **2021**, the project took definitive shape with the **foundation of DGroup**, a new company that integrated the design expertise of the original engineering studio. **Enrico Dalmonte**, Simone's brother, joined the company, **bringing his skills in production and assembly management**, making DGroup a complete structure capable of meeting market challenges with greater strength and competence.

Twenty-five years after the founding of the original design studio, the Dalmonte family has successfully transformed a passion for mechanics into a solid and innovative industrial reality. Today, DGroup and Rails represent a true **synergy of family expertise**, facing market challenges with determination and strategic vision, driven by **continuous innovation**, the **quality** of their solutions, and a constant focus on customer needs.



Where we started

1999

The Origins

Foundation of the mechanical design studio by Mauro Dalmonte.

2007

Simone Joins

Simone Dalmonte joins the studio, bringing a fresh, innovative vision and new energy, contributing to the company's growth.

2012

Focus on Industrial Conveyors

The company begins to specialize in industrial conveyor systems.

Now

2020

Birth of the Rails Brand

Launch of the Rails brand, dedicated to industrial handling solutions.

2021

Foundation of Dgroup

Simone and Enrico, together with Mauro, officially establish the new company.

2024

25 years of innovation

With 25 years of experience, the company continues to pursue innovation and efficiency.



Where we're heading

2026

ISO 9001

We will obtain certification, recognizing the advanced quality processes we are implementing.

2030

A Green Future

We aim to become a cutting-edge company, known not only for excellence in industrial conveyor manufacturing, but also for our strong commitment to sustainability. Through the SineWaste approach, minimizing waste and optimizing resources, we will integrate eco-friendly and sustainable practices into every aspect of the production process.

The adoption of advanced technologies and intelligent solutions will allow us to develop low-impact handling systems, reducing energy consumption and promoting the use of recyclable materials. Our approach will not only enhance productivity, but also strengthen our relationship with clients who seek responsible, forward-thinking partners committed to building a better world.



sinewaste

SineWaste is our new approach to industrial design, focused on sustainability, efficiency, and simplicity.

The name combines the Latin “sine” (without) and “waste”, expressing our commitment to eliminating every form of waste in design and production processes.

Approach

With **SineWaste**, every machine component is designed without unnecessary machining, such as extra holes, cuts, or finishing operations. This not only reduces material use and energy consumption during production, but also has a direct impact on assembly efficiency. Every hole and every machining operation has a specific purpose, significantly simplifying the assembly process of our machines.

For operators, this means a simpler and more linear workflow, free from redundant operations. Each step is clear and functional, improving overall efficiency while reducing time and minimizing assembly errors.

In summary, **SineWaste** represents not only a step forward toward responsible and sustainable manufacturing, but also a way to make operators' work easier and more straightforward, improving overall efficiency. It's smart design that combines ecology and functionality.

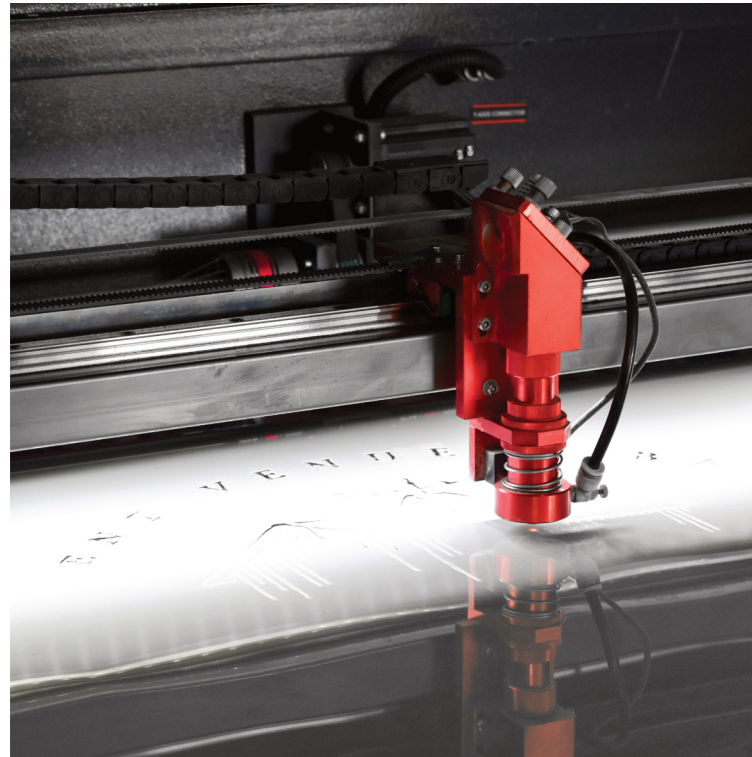




With our approach, we not only optimize the design of our machines, but extend this philosophy to every area of our production process, including management systems, packaging, and logistics. This allows us to drastically reduce waste of materials, time, and resources, optimizing operations and lowering environmental impact.

We digitalize and streamline internal processes, eliminating redundant tasks, improving efficiency, and reducing time losses. This enables a fully integrated vision of production and assembly, ensuring optimized 360° management.

When it comes to packaging, we have adopted minimal and sustainable solutions, designed to reduce material use without compromising product protection. We promote recyclable and reusable packaging, encouraging recovery and reuse, further reducing environmental impact and minimizing unnecessary waste.



-30%
material waste

-20%
energy consumption

-25%
assembly time

-40%
packaging reduction



Product Range





Conveyors

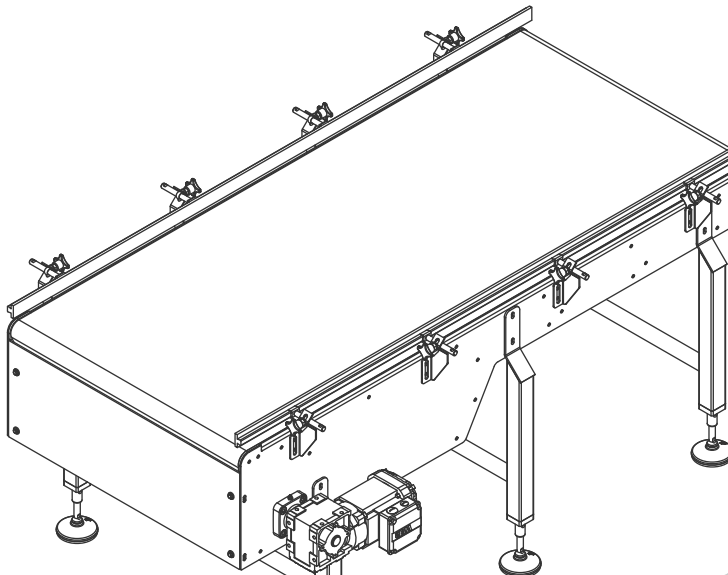
Designed for linear or curved transport of different materials, our conveyors are custom-built to perfectly fit your space and operational needs, optimizing workflow and productivity. They're highly versatile and tailored to your specific processes to ensure smooth, efficient handling.

Customizable

Reliable

Efficient

Versatile





Elevators and Lowerators

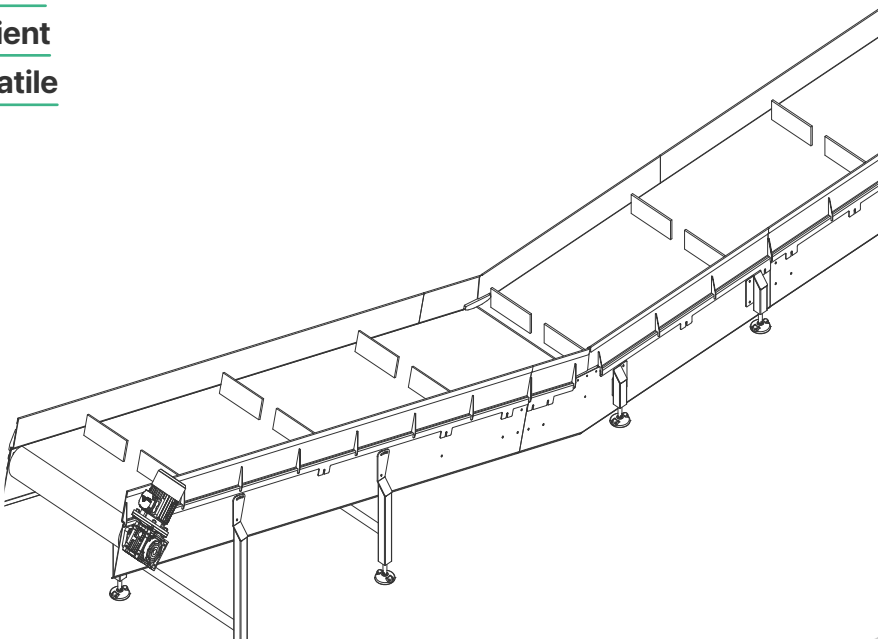
**Custom vertical-handling solutions,
configurable to meet line-specific needs,
ensuring smooth and safe movement of goods.
Fully customizable for height, load capacity,
motion type, discharge, and finishes.**

Customizable

Reliable

Efficient

Versatile





Chain Conveyors

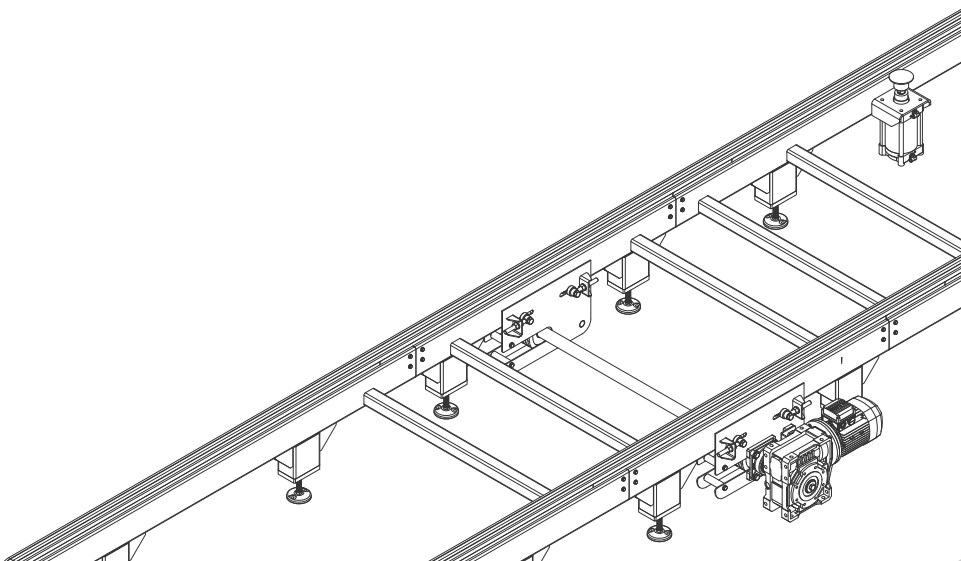
Heavy-duty systems for transporting bulky or heavy loads, ideal for high-capacity lines. Reliable and robust, ensuring smooth handling even under high loads.

Robust

Reliable

Fast

Stable





Roller Conveyors

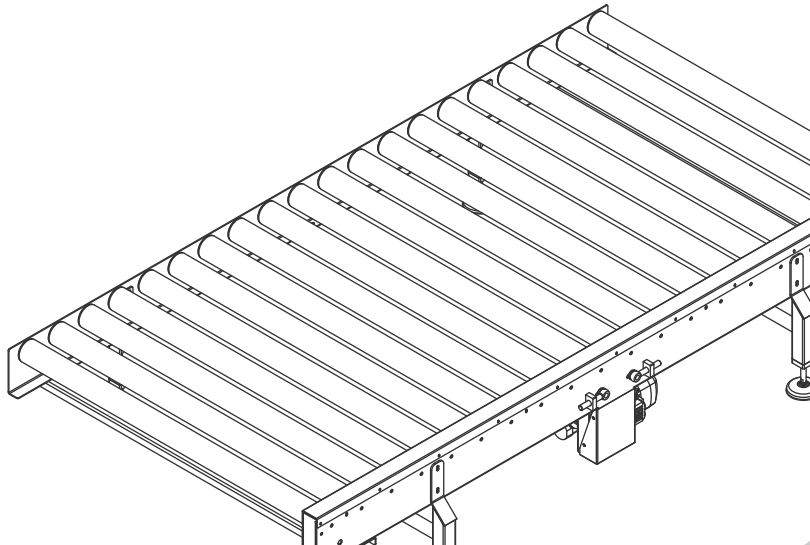
**Available in motorized or idle versions,
fully customizable for layout and load.
Ensure continuous, optimized workflow.**

Customizable

Reliable

Versatile

Stable





Sorters

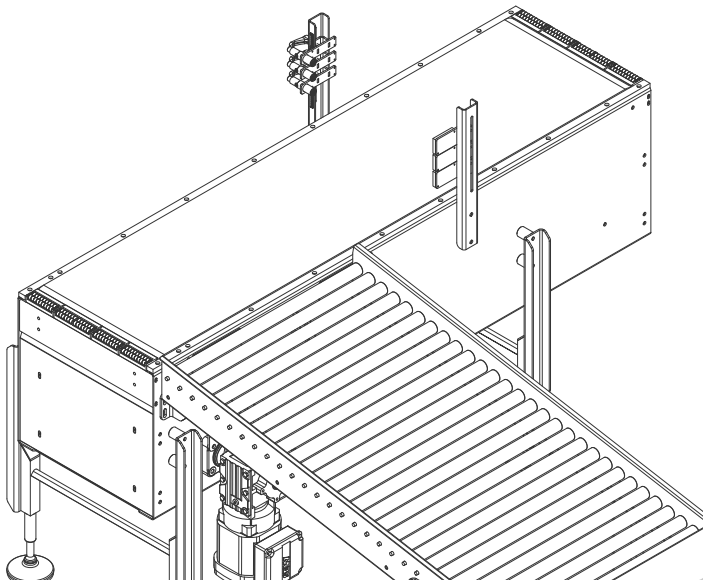
Sorting systems that maintain product linearity without lifting or manipulation. Using modular ball belts, they allow 30°, 45°, and 90° deviations or multi-way sorting. Each machine integrates seamlessly with the line for fast, smooth exchange.

Customizable

Reliable

Versatile

Stable





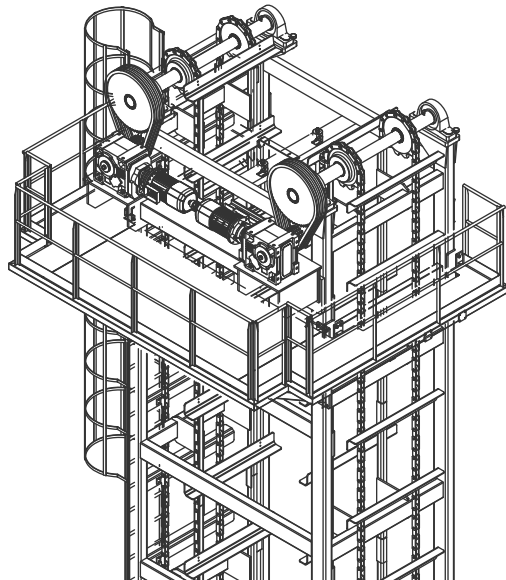
Stackers & Destackers

Machines designed to stack or unstack vertically, maintaining flow continuity. Used in multi-level lines and vertical warehouses to optimize space and improve efficiency. Reliable and flexible, ideal for logistics and automation.

Storage

Versatile

Fifo





Robotic Islands

(Pick & Place)

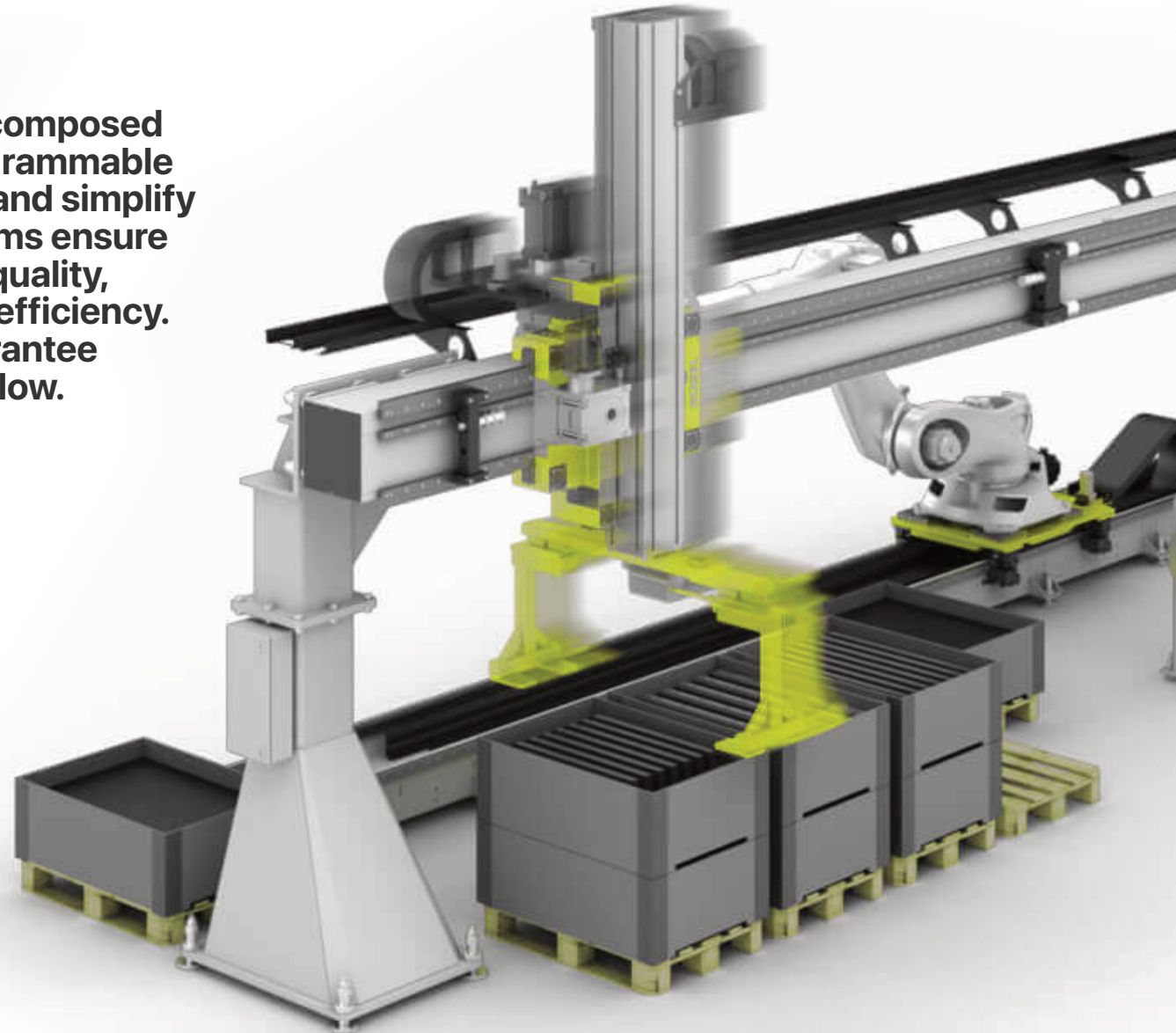
Robotic islands are automated work cells composed of multiple machines and one or more programmable robots. Designed to maximize, accelerate, and simplify the entire production process, these systems ensure high repeatability and consistent product quality, while improving operational precision and efficiency. Ideal for complex industrial lines, they guarantee continuous operation and optimized workflow.

[Innovation](#)

[Automation](#)

[Speed](#)

[Future](#)





The image shows a robotic island designed for the forming and filling of cartons. Several anthropomorphic robots assemble the cardboard boxes and fill them with precision, working in perfect synchrony with other automated machines. The system is engineered to ensure efficiency, speed, and consistent quality, while minimizing manual intervention and optimizing workflow.



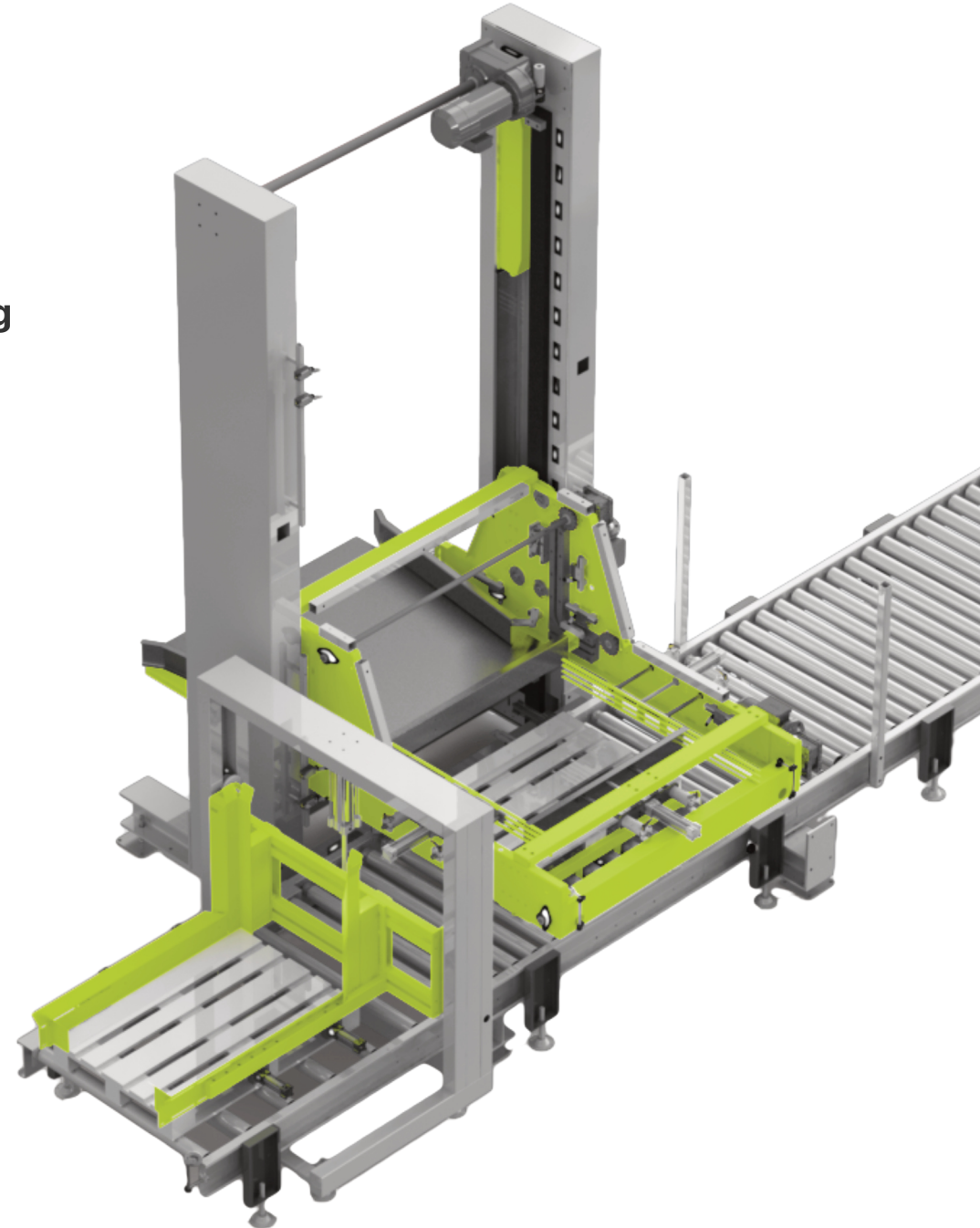
Palletizers

Palletizers represent an essential solution for automating one of the most critical stages in production: palletizing. Designed to stack packaged goods precisely and safely onto pallets, they operate through a predefined motion pattern, ensuring efficiency and reliability. As one of the earliest processes to be automated, Rails palletizers help optimize time, reduce errors, and increase overall productivity.

Productivity

Efficiency

Precision





The image shows an automated system centered around a palletizer, designed for handling boxes containing fruit in trays. A distinctive feature of the system is its ability to stack one pallet on top of another, optimizing space and maximizing logistical efficiency. All operations run smoothly and error-free, ensuring safe and rapid handling of goods, a key factor in such a delicate sector as fruit processing.



Automatic Pallet Inserters

Automatic pallet dispensers allow fully automated placement of pallets beneath stacks of boxes or sheets. Equipped with lifting and leveling systems, they operate in perfect synchrony with a gripper to pick and place pallets, ensuring efficiency and precision throughout the handling process.

Automation

Reliable

Versatile

Stable





Curve Tangent Zero

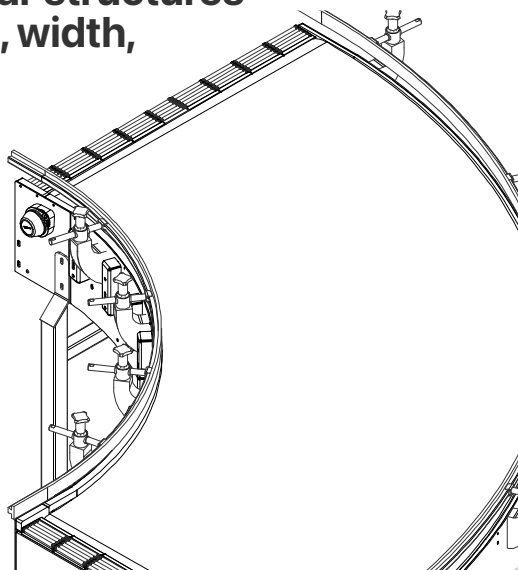
Rails modular belt curves are designed to ensure a stable and continuous product transfer, even at high speeds. Thanks to the "Tangent Zero" geometry, the transport remains perfectly flat and aligned, with no tangent points, eliminating any product slipping or misalignment. Available in 90° and 180° versions, our curves deliver smooth, silent movement with modular structures customizable in radius, width, and materials.

Automation

Reliable

Versatile

Stable





MORE SOLUTIONS

Our range of machines is truly comprehensive, offering solutions to optimize workflow across various industrial applications. With such a wide variety of options, it would be difficult to show them all in detail, so, for simplicity, here's an overview.

Pallet Dispenser is a machine designed to supply single and centered pallets, starting from a stack. Thanks to its versatility, the dispenser can also operate in reverse, recreating perfectly aligned pallet stacks. This solution is mainly used in combination with automatic palletizers and automated storage systems, optimizing workflow in any industrial environment.

Pile Doubler is a machine designed to increase the storage capacity of end-of-line conveyors. This solution enhances unloading and storage operations. With its advanced technology, it simplifies material handling and reduces waiting times.

Automatic Sheed Feeder is a machine designed to automatically place protection sheets on pallets. By drawing sheets from an integrated magazine, it ensures precise and fast placement, while the robotic arm, managed by electronic control, guarantees accurate and reliable motion.

Transfer Shuttle is a versatile machine that moves on rails, allowing it to be fed by multiple conveyor lines and, in turn, feed other lines. Ideal for systems with multiple production or storage areas, the shuttle can be configured with chain conveyors, roller conveyors, or modular belt conveyors on board.

Cross Table is a machine based on a motorized roller conveyor, designed to lift and rotate products by 90° or 180°, in either direction. Ideal for optimizing space, these tables make use of overhead areas, compensating for the need to rotate products without extending the conveyor layout.



The image shows an advanced automatic warehouse, equipped with infeed and outfeed conveyors. At the center, a transfer shuttle moves along the rails, handling and positioning products. The environment is characterized by a clean, organized, and functional layout.



Main Sectors

At Rails, the core of our business lies in the carton and food industries. Here, we turn experience and innovation into concrete solutions that optimize production flow and ensure consistent quality at every stage of the process.

Carton Sector



This is where we've concentrated most of our technical expertise, research, and investment. The carton industry perfectly embodies what we believe in: mechanical innovation, sustainability, and industrial vision. Working with paper and cardboard means contributing to a responsible and constantly evolving supply chain, where efficiency and environmental respect come together in a single goal. Our solutions, conveyors, modular belt curves, Tangent Zero curves, and complete handling systems, are designed to guarantee smooth and reliable flow, even in the most complex lines. Each machine is engineered to adapt to the specific needs of packaging products made from corrugated cardboard and recyclable materials, ensuring operational continuity and waste reduction.

Food Sector

We design and build handling systems tailored to the specific needs of the food industry, where precision, hygiene, and reliability are essential. Our solutions are used in packaging lines for all types of food products, ensuring continuous and controlled flow. From belt conveyors and modular curves to complete transport systems, we use materials suitable for food environments, where cleanliness and safety are top priorities. Our goal is to deliver reliable, efficient, and tailor-made systems that help our clients continuously improve their production lines, combining mechanical performance with compliance to hygienic and sanitary standards.





Served Sectors

Beyond the carton and food industries, we operate across several other production sectors. We design and build machines for a wide range of applications, offering customized and innovative solutions to meet every industrial need.

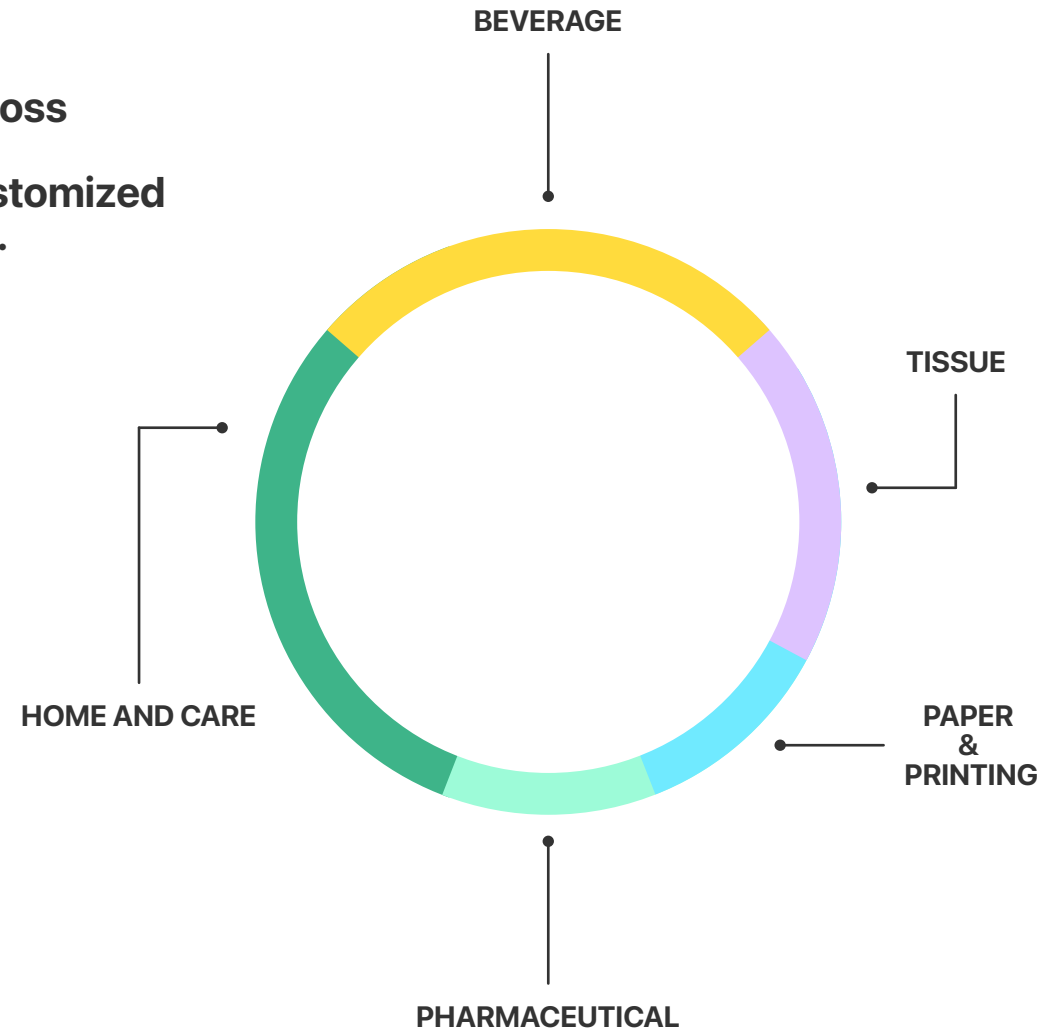
Tissue: solutions for paper products such as napkins, toilet paper, and paper towels.

Home and Care: systems for packaging and handling household, personal care, and cleaning products.

Beverage: solutions for managing and packaging bottles and cans, with lines designed for efficiency, speed, and hygiene.

Pharmaceutical: precision systems for handling pharmaceuticals, cosmetics, and personal care products, developed in compliance with industry standards.

Paper & Printing: systems for transporting paper and printed materials, ensuring continuity, precision, and stability even at high speeds.





Where we are:

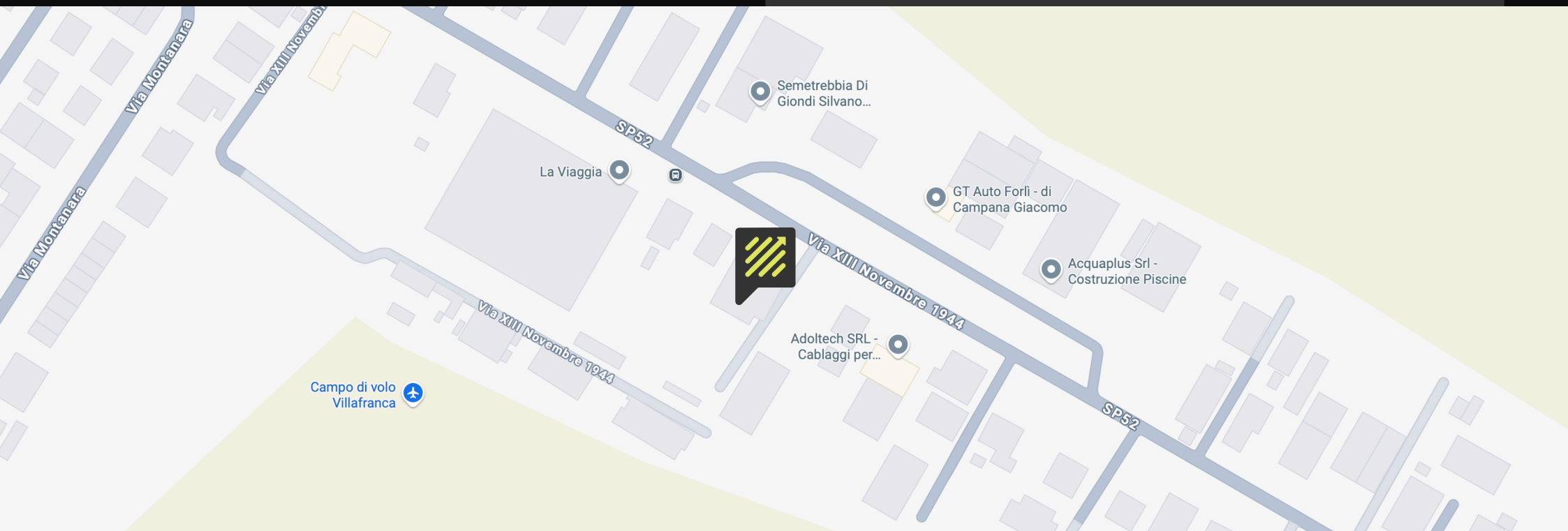
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