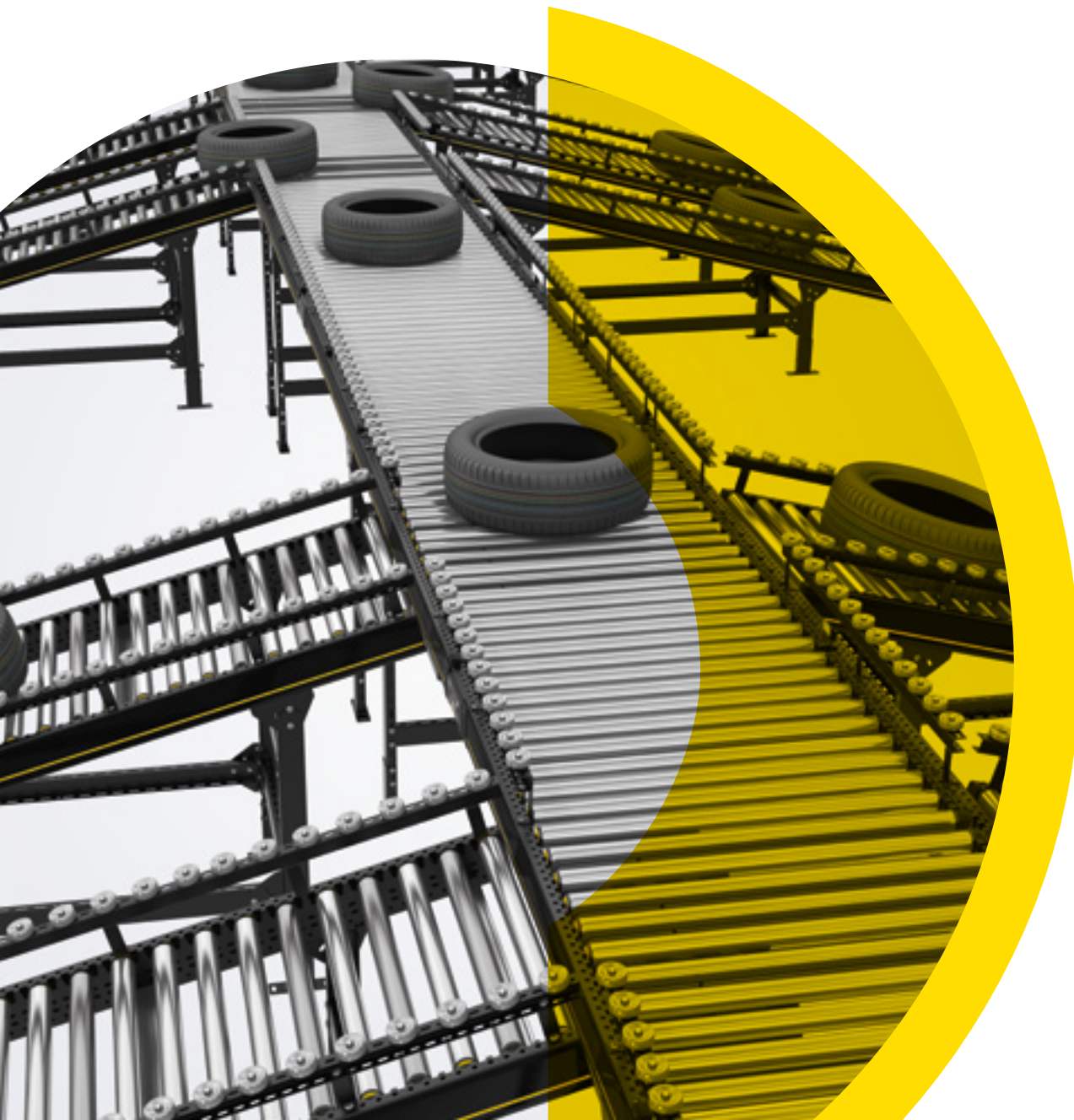




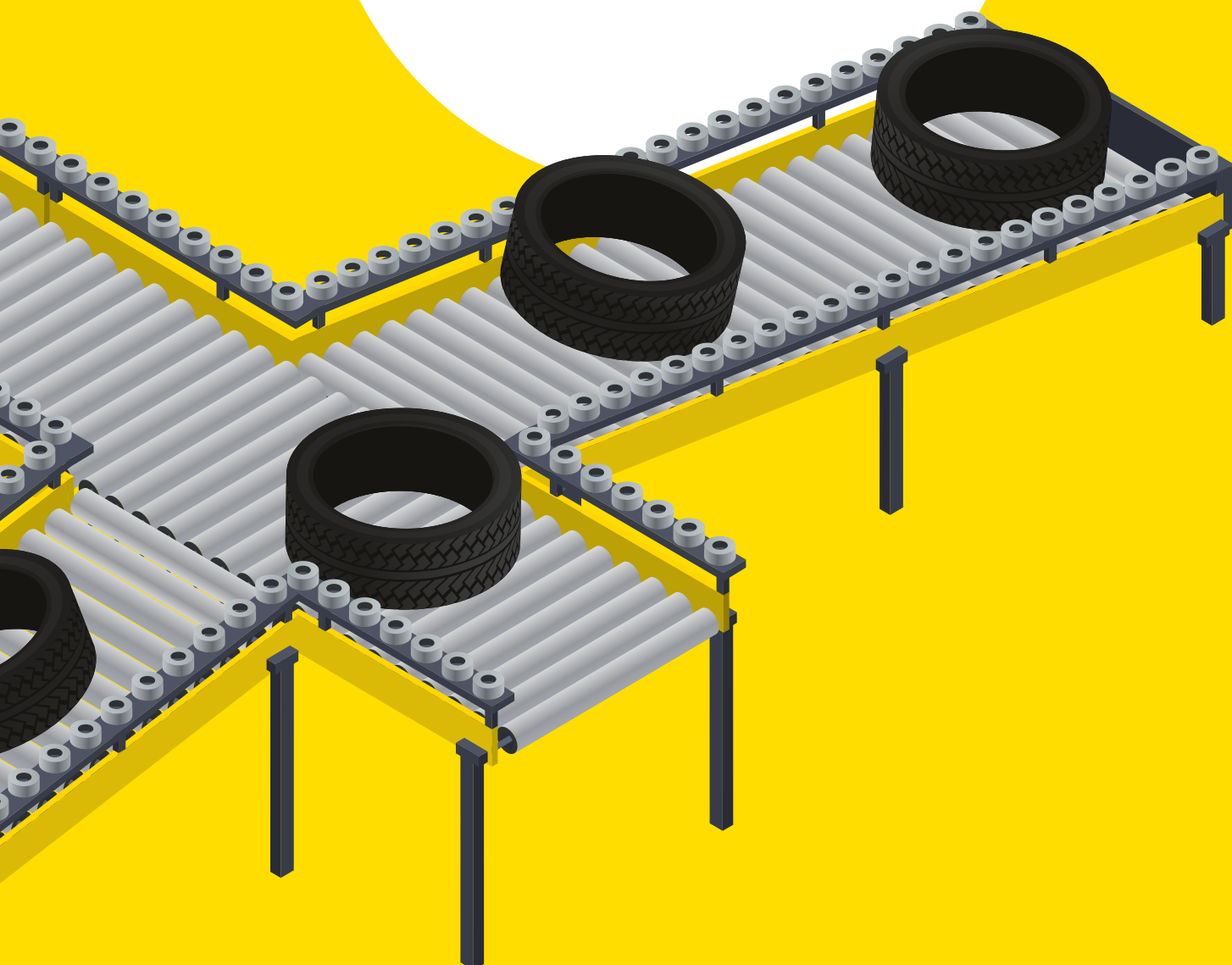
Tire Industry Unit Handling Solutions

Your Modular Ecosystem
for Efficiency and Flexibility



Interroll in the Tire Industry

As a global leader in unit handling solutions, Interroll supports the world's leading tire manufacturers with proven expertise, reliability, and innovation. With more than 300 installations across 90+ plants, we deliver scalable, sustainable, and future-ready solutions tailored to your needs.



Why Partner with Interroll?



Global Reach, Local Expertise

36 subsidiaries worldwide deliver consistent quality, fast deployment, and expert service wherever you operate.



Proven Expertise

Over 300 tire industry installations worldwide, trusted by leading manufacturers.



Modular & Scalable Ecosystem

MCP and MPP platforms, complementary components, and digital tools that integrate seamlessly for faster projects, smoother ramp-up, and future-ready automation.



Efficiency & Sustainability

Up to 50% energy savings with 24V/48V RollerDrive, plus a clear roadmap to Net Zero by 2050.



Digital Ready

Simulation and emulation software, IIoT integration, and predictive maintenance for smarter operations.



Quiet Operation

Low-voltage drive technology reduces workplace risk; solutions engineered to keep noise levels under 60 dB.



Full Lifecycle Value

From design and commissioning to predictive maintenance and retrofits. Ensuring long-term reliability and peace of mind.



Unmatched Reliability

Durable, low-maintenance solutions that minimize downtime and maximize operational confidence.

Interroll: delivering smart, safe, and sustainable solutions for the tire industry worldwide.

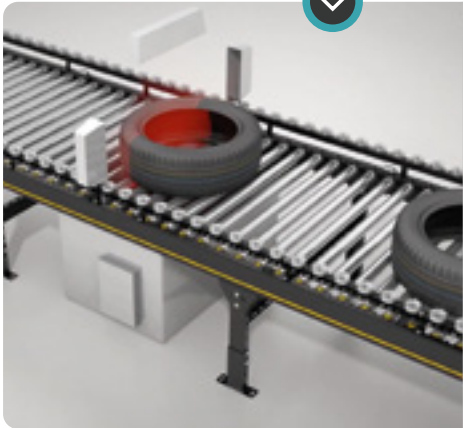
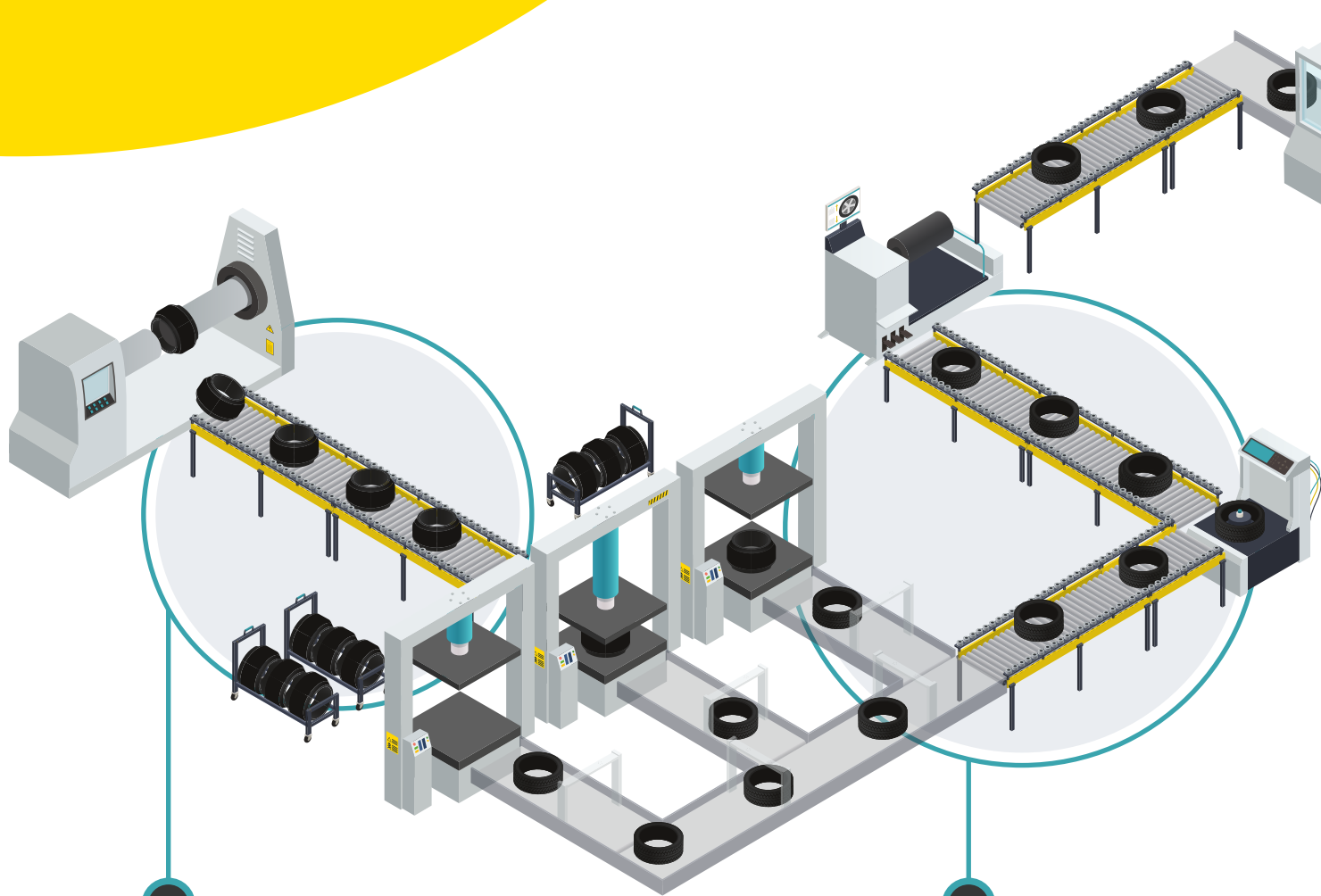
Committed to Sustainability

Interroll is driving measurable progress in ESG and carbon neutrality, supporting customers and communities alike. Our energy-efficient technologies cut consumption by up to 50%, while our global sustainability roadmap targets a 55% reduction in Scope 1 & 2 emissions and 32.5% in Scope 3 by 2033—on a clear path to Net Zero by 2050. We design durable, modular solutions that lower waste, extend lifecycles, and help the tire industry advance its own decarbonization goals.



THE MAIN APPLICATIONS

Interroll offers proven solutions to convey, sort, pick and store tires.



TRANSPORTATION OF GREEN AND BROWN TIRES

The **Interroll Modular Conveyor Platform** with its 24V or 48V Drives and Controls and embedded ZPA technology is a perfect solution to automate the material flow in a tire manufacturing plant.

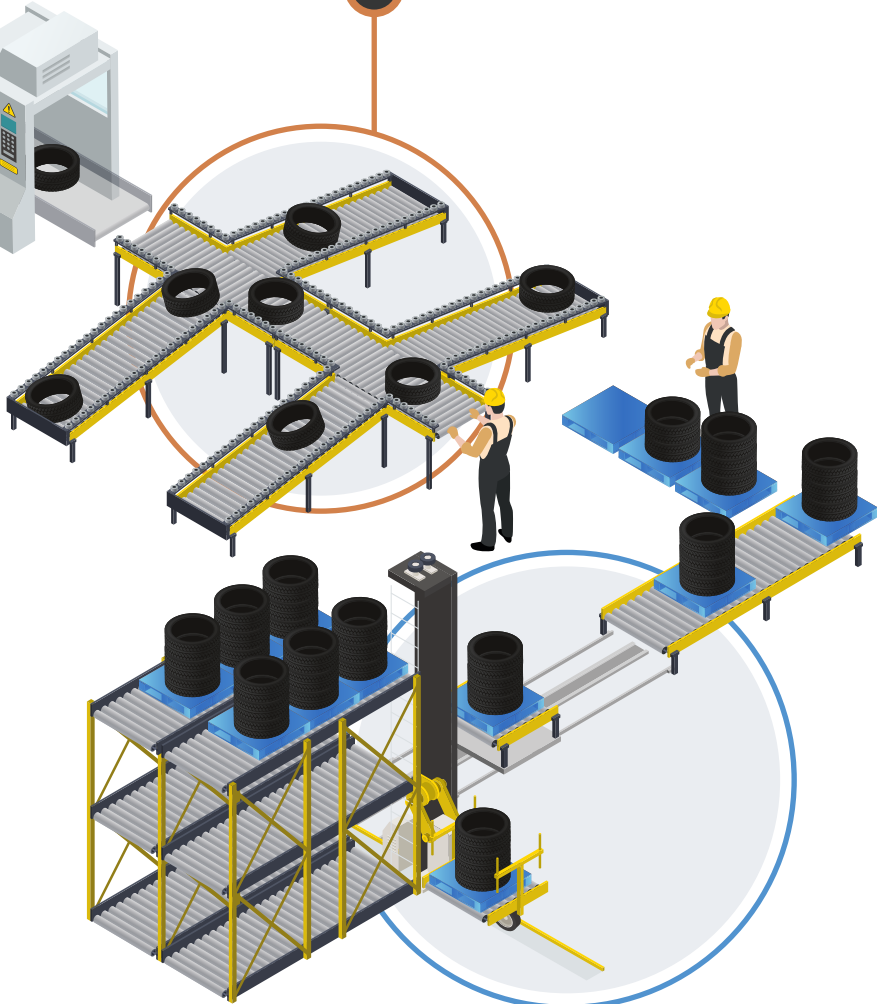
Thanks to its proven technology and high quality, it ensures safe and efficient handling of green tires - transported in trays or pallets, or alternatively using the skating function - as well as brown tires, which can be placed directly on our roller conveyors.



SORTATION AND DISTRIBUTION

The **Interroll MCP** can also perform effective and fast **sortation of tires** thanks to our robust and reliable **90-degree belt transfers**.

What's more, the smart, cost-effective **Magnetic Speed Controller MSC50** allows tires to glide smoothly and safely down their respective discharge lanes. Quality solution for the entire flow of pallets throughout their plants, from goods receipt to the assembly lines, up to the palletizing, storage and distribution areas.



STORAGE

The **Modular Pallet Conveyor Platform** or MPP is a comprehensive, integrated Pallet Handling Solution.

When combined with Interroll's Stacker Crane, Transfer Car and Pallet Flow, it provides automotive manufacturers a proven, high-quality solution for the entire flow of pallets throughout their plants, from goods receipt to the assembly lines, up to the palletizing, storage and distribution areas.

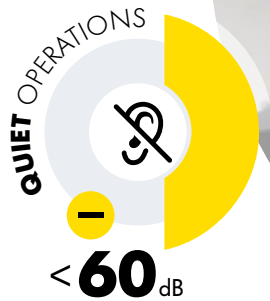


OUR PRODUCT OFFERING

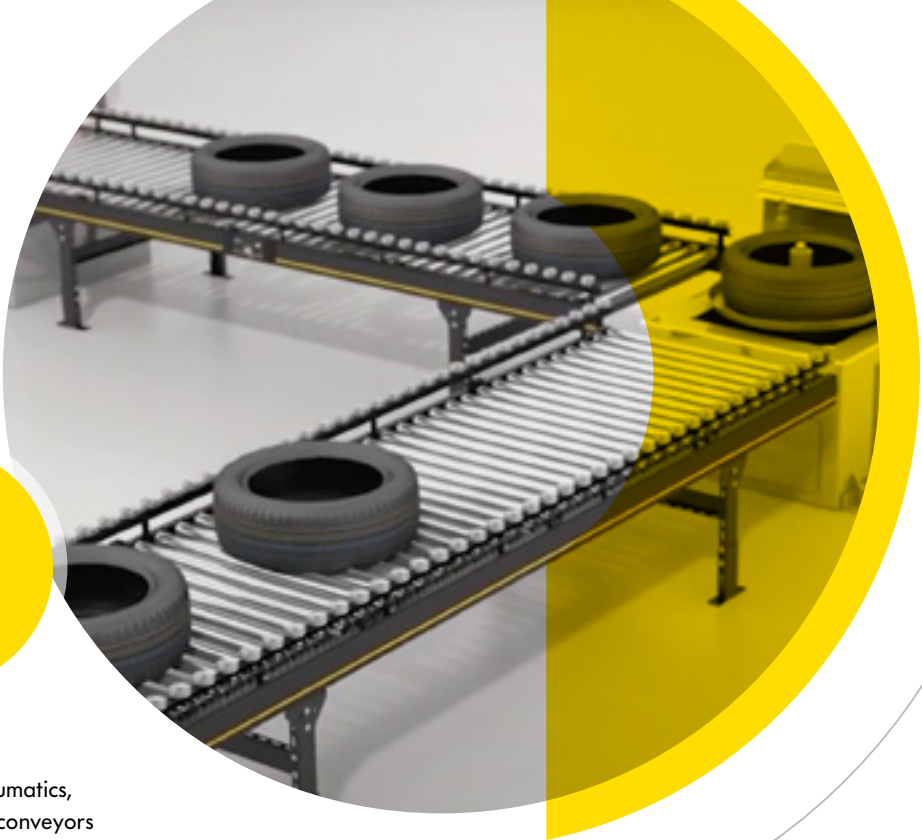
Reliable and efficient conveyors

Combination of the finest components:
Modular Conveyor Platform MCP for the tire industry.

Interroll's Modular Conveyor Platform (MCP) provides tire manufacturers with a flexible and scalable solution to optimize flows across every stage of production — from green to brown tires — while adapting easily to future requirements.

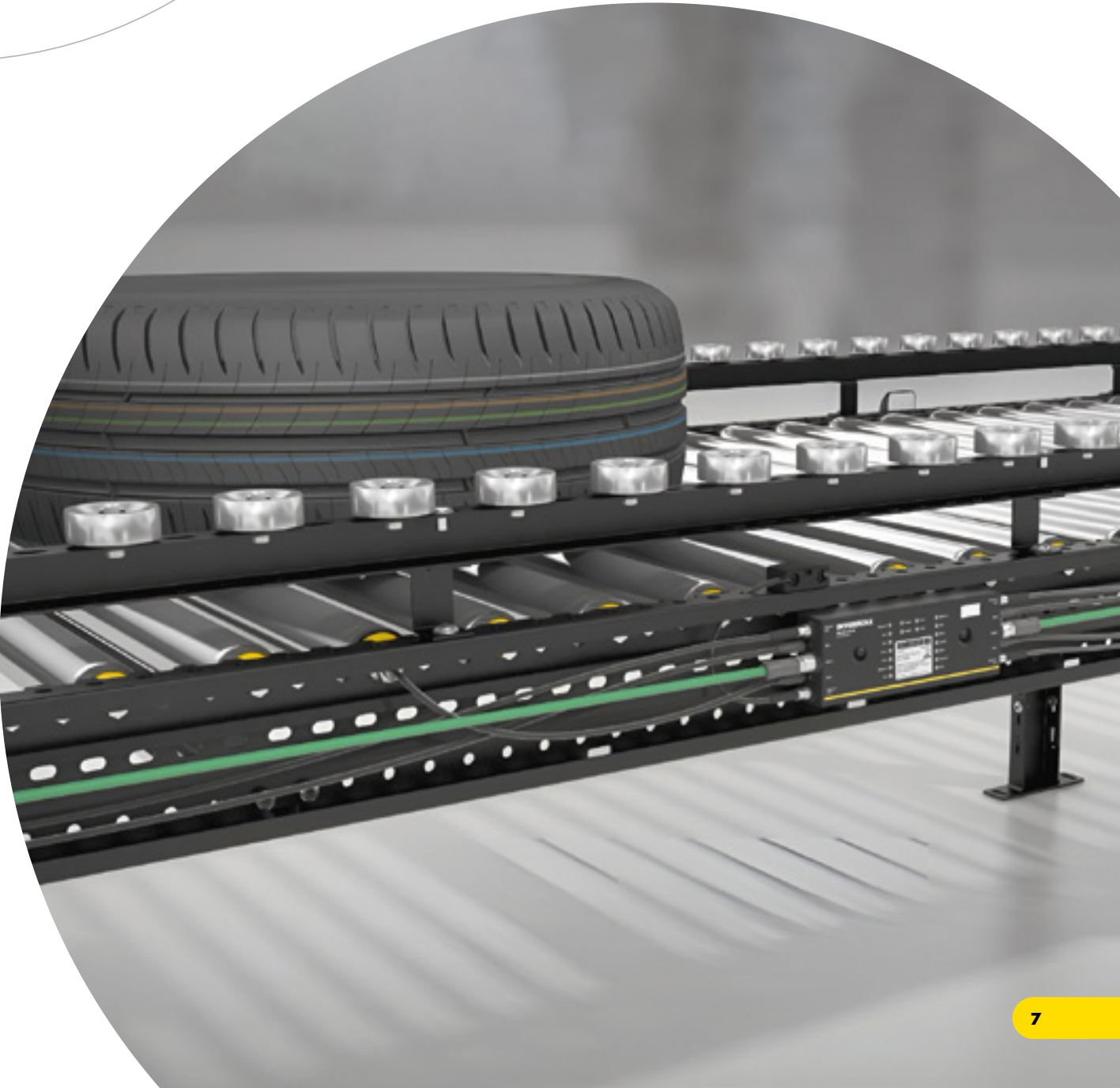


Instead of using pneumatics, 24V and 48V roller conveyors guarantee lowest operating costs and improved work environment thanks to exemplary low-noise operation (< 60dBA)



YOUR BENEFITS:

- Easy Integration:** Open platform design
- Efficiency:** Energy saving-drive technology
- Flexibility:** Configurable modules adapt to different layouts
- Reliability:** Low-maintenance proven, solutions ensure max uptime



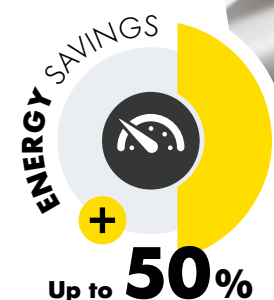
OUR PRODUCT OFFERING

Best in class 24V and 48V technology

Energy efficient and economical:
Our 24V and 48V technology for the tire industry.

Interroll DC Platform includes a RollerDrive, EC5000, as well as Controls and Power Supplies.

This combination of 48V solutions provides outstanding advances in automated conveyor technology and makes it possible to embrace the digital world: autonomous conveyors, predictive maintenance and more.



Compared with 400V drive systems, a conveyor system powered with RollerDrive allows for energy savings of up to 50% on average.

ACCESSORIES

(CONVEYOR ROLLERS, POLYVEE BELTS, CABLING & TOOLS)

- Enable fast and seamless integration of Interroll 24V products.
- Smart and operator-friendly design.



Interroll DC Platform

24V OR 48V ROLLERDRIVE EC5000

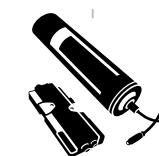
- The best drive solution for practically any conveyor system.
- Powered by a brushless DC motor integrated into a conveyor roller to save space.



INTERROLL MULTICONTROL

Complete and direct management of various functions:

- Motors and sensors
- Acceleration and deceleration ramps
- ZPA (Zero Pressure Accumulation) function
- Speed Control
- Compatible with almost all PLCs via EtherNet/IP, EtherCAT and PROFINET



YOUR BENEFITS:



Up to 50%
energy savings



Lower
maintenance costs



Significant
noise reduction
for your operators



Gains in
installation
and retrofit times



INTERROLL: LEADING MANUFACTURER OF MOTORIZED ROLLERS

With many years of experience and several hundred thousand RollerDrive in use, Interroll makes a strong contribution to the industry in terms of primary energy savings.



The Karlsruhe Institute of Technology (KIT) confirms¹:

*“ Apart from safe usage, this technology stands out for the increased degree of flexibility derived from dividing one long conveyor into smaller, decentralized modules, which leads to **energy-efficient operation and immediate cost savings.** ”*

“ When transporting a low-load carrier of 50 kg it was able to be established that 24-volt technology used in intermittent service is 30% more energy

*efficient and when used in accumulating mode as much as **50% more energy efficient** than comparable use of 400-volt drive technology. ”*

*“ **Flexibility increases** as a result of dividing a conveyor up into smaller modules, since these represent a versatile solution that is able to grow with the company and can be adapted at any time to expand existing segments, or build new conveyor routes. ”*

¹ Dipl.-Ing. Meike Braun, Dipl.-Ing. Peter Linsel, Prof. Dr.-Ing. Kai Furmans: “24-volt drive technology in continuous conveyor systems”, Karlsruher Institut für Technologie (KIT), June 2013.

✓ The White Paper can be downloaded from www.interroll.com (Section “Downloads”)

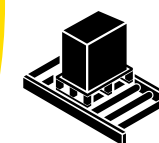
OUR PRODUCT OFFERING

Versatile solutions for pallet handling

A combination of pallet conveyor modules (roller or chain conveyors) and specialized conveyors such as transfers and turntables.

Interroll's Modular Pallet Platform (MPP) is designed to handle heavy and bulky palletized loads with the same modularity, scalability, and reliability that set Interroll solutions apart. It ensures smooth pallet flow, easy expansion, and safe operation for demanding tire industry environments.

PROVEN SOLUTION



YOUR BENEFITS:



Scalability:
Modular design



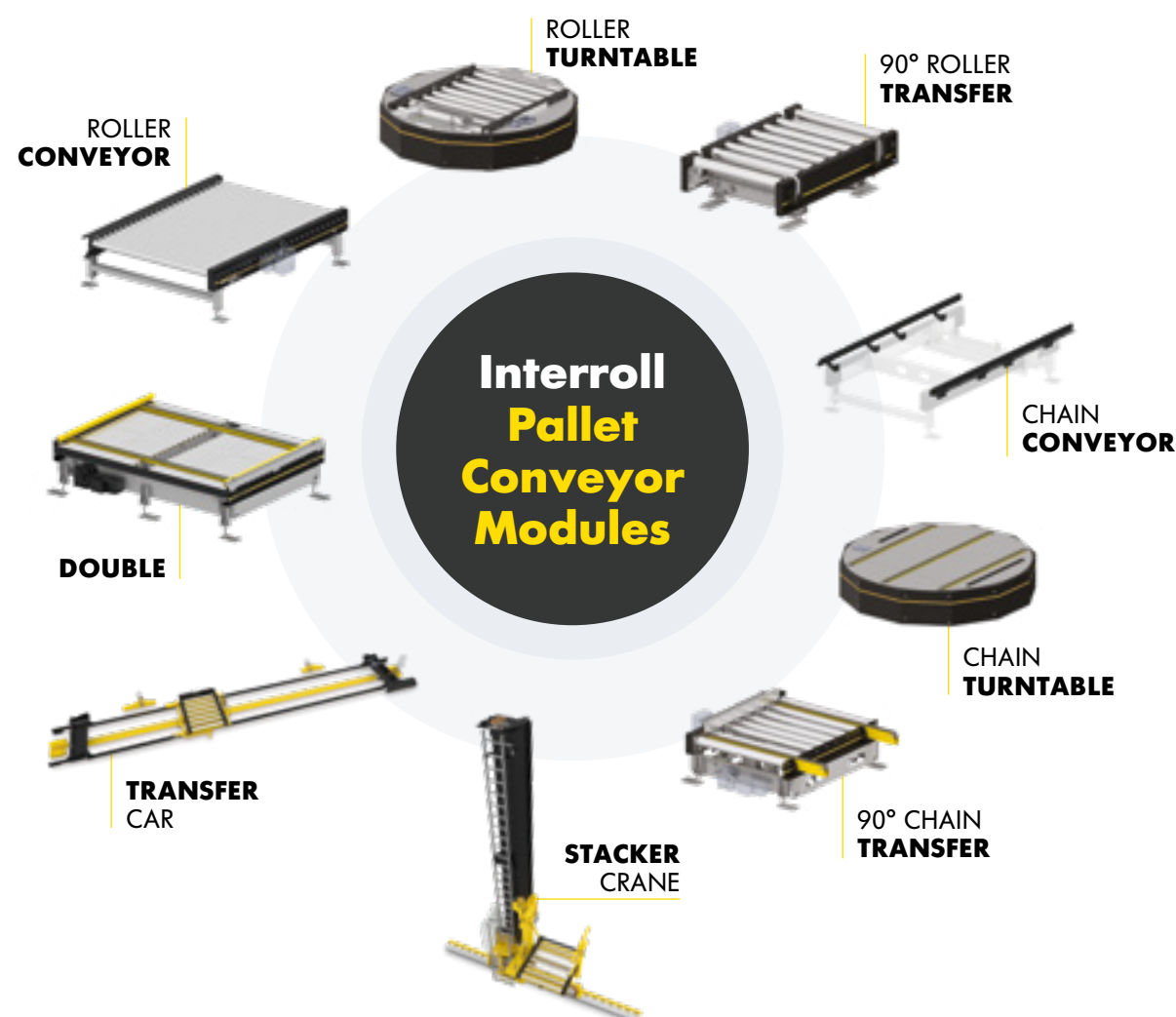
Safety:
Low-voltage drive reduces risk



Robust Performance:
Engineered for continuous operation



Seamless Integration:
Open platform ensures compatibility



INTERROLL: LONG-STANDING, TRUSTED SUPPLIER TO LEADING SYSTEM INTEGRATORS IN THE TIRE INDUSTRY

For many years, proudly supplying our key products, such as rollers and drives, to **GIORDANO & C.**



GIORDANO & C S.P.A

Giordano & C. has been on the market since 1924. They integrate each process for the complete development of the project. In their work every phase is important.

Giordano & C. MANAGE the whole project, from ENGINEERING to all essential phases of the REALIZATION and the COMMISSIONING. Their professional, trustworthy and highly experienced team of experts provides turnkey solutions in INDUSTRIAL and M.E.P. fields, in Italy, USA and all over the world.

CONTACT

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WEBSITE

www.giordanocompany.it/en



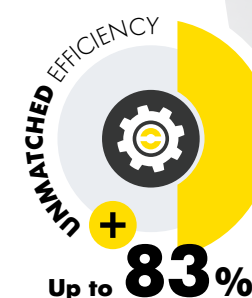
OUR PRODUCT OFFERING

Energy-efficient and compact belt drives

Efficient, robust and space-saving: Interroll belt drives for the tire industry

There are many reasons for using Interroll Drum Motors instead of conventional motors as belt drives in the tire production process, from the mill room to curing. Because the motor, gearbox and bearings are mounted within the drum shell, a drum motor takes up much less space than other motors. The motors' internal components are protected from external influences, thereby rendering them virtually maintenance-free.

Finally, the installation of Interroll Drum Motors is significantly faster and easier —less than a quarter of the installation time for a drive with many individual components.



Interroll Drum Motors operate with an unmatched efficiency of up to 83%.

DRUM MOTORS

- The perfect belt drive solution for machines in the tire production plant.
- Powerful, compact drive for conveyors with a high-duty cycle.

Interroll Drum Motor product lineup

ACCESSORIES

(IDLERS, MOUNTING BRACKETS, CONVEYOR ROLLERS & TOOLS)

- Enable fast and simple integration of Interroll Drum motors into your conveyor belt system.
- Smart and operator-friendly design.

LAGGINGS

- Robust, profiled lagging for plastic modular belts.
- Compatible with all leading plastic modular belt manufacturers.

YOUR BENEFITS:



Up to 30%
energy savings



Space-saving
design



Lower
maintenance costs



Short installation
times



INTERROLL: LONG-STANDING, TRUSTED SUPPLIER TO LEADING SYSTEM INTEGRATORS IN THE TIRE INDUSTRY

For many years, proudly supplying our key products, such as rollers and drives, to **TRANSSYSTEM**.



TRANSSYSTEM

Transsystem brand has been associated with professionalism, quality and flexibility of operation for more than 25 years. They specialize in designing and manufacturing material handling systems suited to the needs of their customers.

Transsystem gained a lot of experience while implementing projects in many countries and virtually in all car factories in the world as well as other industrial sectors.

Transsystem is the only company in the industry which realizes the whole project at home, keeping the entire production process under control.

CONTACT

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E-mail: transsystem@transsystem.pl

WEBSITE

transsystem.pl/en



OUR PRODUCT OFFERING

Interroll Sortteq Modular ChainBelt Sorter

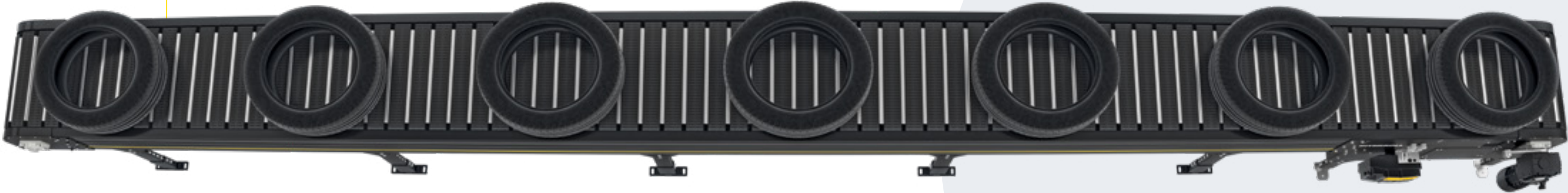
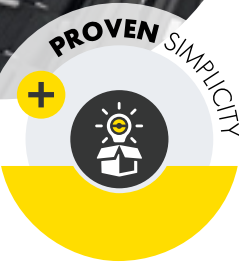
Designed for space-efficient, medium-to-high throughput applications up to 8,000 items/hour, the Interroll Sortteq Modular ChainBelt Sorter MC-S offers reliable, gentle sortation all kinds of items.

The mechanical design is built for durability, requiring minimal maintenance and providing high accuracy while allowing for an efficient use of space. This makes it suitable for handling cartons, totes, polybags, envelopes, skiffy envelopes, and unshaped items in busy distribution environments.

CHAIN BELT
CONVEYOR

Up to **8,000**
items/hour

Up to **35 kg**



YOUR BENEFITS:

-  **Proven mechanical design**
guarantees high reliability
-  **Minimal downtime**
due to a maximum maintenance friendly design
-  **Narrow belt pitch**
with wide belts for process reliability for smallest item sortation



OUR PRODUCT OFFERING

Interroll Sortteq

Modular ChainBelt Sorter MC-S



SERVICE

INTERROLL Lifetime SERVICE

The Interroll Lifetime Service team is here to help, giving you peace of mind for the entire service life of your material-handling equipment.

Trust us to be there — no matter the situation, you can always count on Interroll for prompt and dependable service.

Early project and operation phase

- Time savings on installation and commissioning
- Reduced downtime during ramp-up and operation
- Training for your maintenance team
- Risk mitigation with warranty extensions

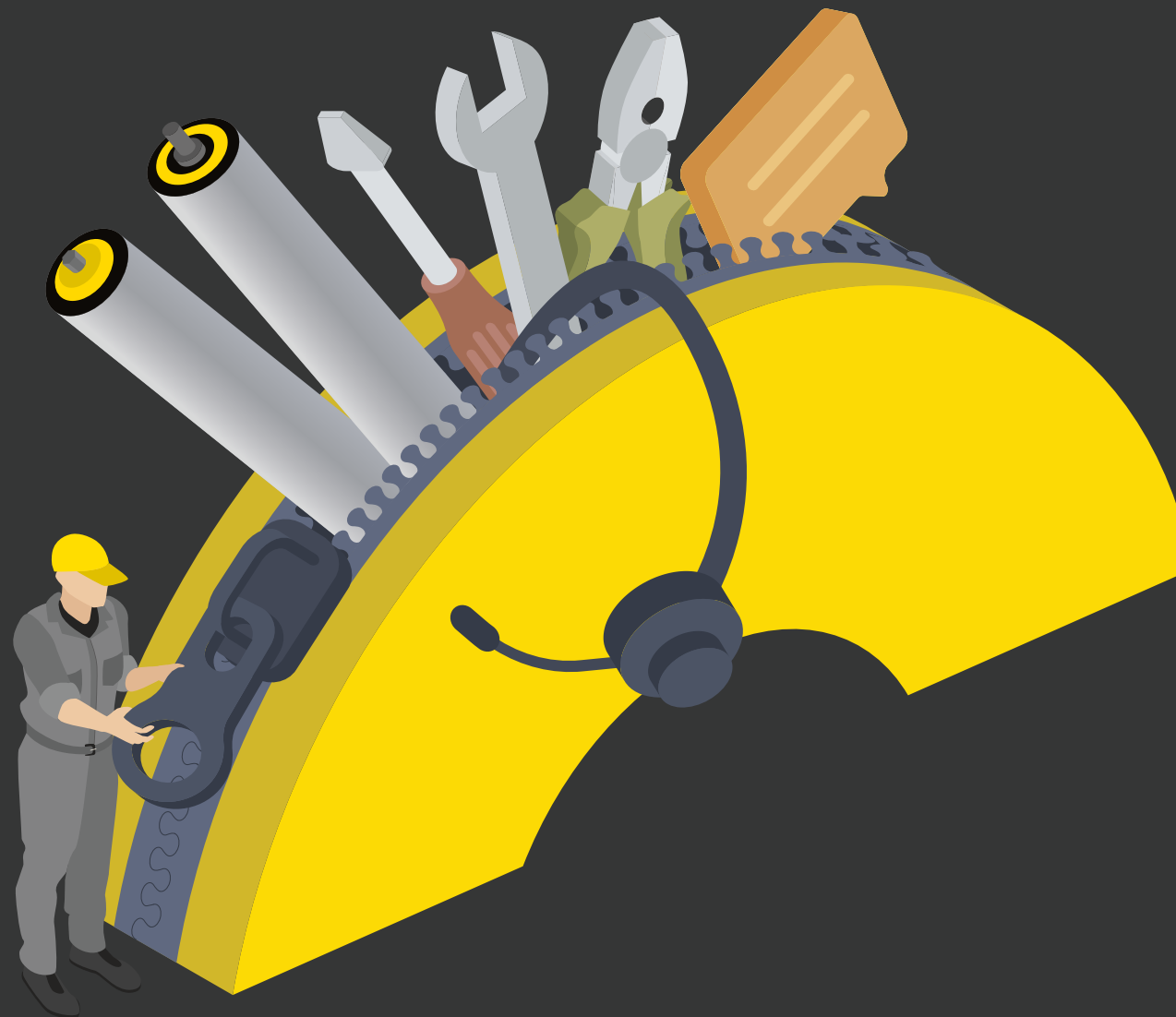
Operation of new equipment

- Customized Service Level Agreements (SLAs)
- Qualified hotline support
- Short delivery times & express deliveries for spare parts
- High equipment availability with professional maintenance

Operation of mature equipment

- Full transparency of your equipment's condition with audits and inspections
- Express repairs, on site or in our repair shops
- Future-proof equipment with our retrofit and upgrade offers

and much more!



Get in touch

FOR MORE DETAILS ON YOUR LOCAL LIFETIME SERVICE OFFERING, PLEASE SCAN THE QR CODE



Forget about unexpected downtime and focus on what you do best:

Running your business successfully

 **INSTALLATION**

 **HOTLINE SUPPORT**

 **SPARE PARTS**

 **REPAIR NETWORK**

 **TRAINING**

 **AUDITS**

 **PREVENTIVE MAINTENANCE**

 **RETROFIT**

OUR GLOBAL PRESENCE

Our key products for the tire market are developed and manufactured in the following centers:



INTERROLL ATLANTA
MCP & MPP
Conveyors, Sorters



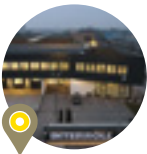
INTERROLL WILMINGTON
Rollers, RollerDrive
& Drum Motors



INTERROLL NEWMARKET
Pallet Flow



INTERROLL JAGUARIÚNA
Rollers, Drum Motors,
Conveyors, Sorters, Pallet Flow



INTERROLL LINZ
Software & Electronics



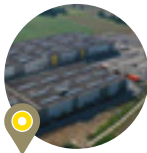
INTERROLL BAAL
Drum Motors



INTERROLL SINSHEIM
Sorters



INTERROLL WERMELSKIRCHEN
Rollers and RollerDrive



INTERROLL MOSBACH
MCP & MPP, Conveyors



INTERROLL SUZHOU
MCP & MPP
Conveyors, Sorters



INTERROLL CHONBURI
Rollers, RollerDrive,
Conveyors, Pallet Flow



For the Asian and American markets, constant technology and know-how transfer takes place between the German hubs and the Regional Centers of Excellence in Suzhou (near Shanghai, China) and Atlanta (Georgia, USA).

The Interroll Group



36
SUBSIDIARIES &
PRODUCTION SITES



2,300
EMPLOYEES

ROLLING ON INTERROLL



A Global Competence Network of Local Specialists

Rolling On Interroll is a global community of trusted system integrators and partners, backed by Interroll's proven platforms and support.


PRESENCE IN
49
COUNTRIES


EXPERIENCE IN
30+
INDUSTRIES


OVER
10'000
SATISFIED
CUSTOMERS


100+
ROI PARTNERS


100% TRAINED
ON INTERROLL
PRODUCT
TECHNOLOGIES


8+ YEARS
AVERAGE OF
SUCCESSFUL
PARTNERSHIP WITH
INTERROLL

“ Rolling On Interroll is not just a marketing campaign. It reflects the soul of our company and demonstrates our business model: We are a neutral provider of key products with open platforms and a strong partner to machine manufacturers and system integrators around the world. ”



+ **Franz Schöpf**
Global Program Director

“ Interroll supports the global tire industry with modular conveyor solutions that boost flow efficiency, uptime, and adaptability. Our smart, energy-efficient platforms enable seamless automation and zero-pressure accumulation, while our worldwide service network helps customers reduce downtime, optimize processes, and drive sustainable growth. ”



+ **Gianmichele Piciocco**
Global Strategic Business Development Manager
Automotive & Tire
Interroll Group
E-mail: g.piciocco@interroll.com

About Interroll

The Interroll Group is the leading global provider of material handling solutions. The company was founded in 1959 and has been listed on the SIX Swiss Exchange since 1997.

Interroll provides system integrators and OEMs with a wide range of platform-based products and services in these categories: Rollers (conveyor rollers), Drives (motors and drives for conveyor systems), Conveyors & Sorters as well as Pallet & Carton Flow (flow storage systems). Interroll solutions are in operation in express and postal services, e-commerce, airports, the food and beverage industry, fashion, automotive sectors, and many other manufacturing industries.

Among the company's end users are leading brands such as Amazon, Bosch, Coca-Cola, DHL, Nestlé, Procter & Gamble, Siemens, Walmart and Zalando. Headquartered in Switzerland, Interroll has a global network of 36 companies with sales of CHF 527.1 million and around 2,300 employees (2024).

interroll.com

Interroll reserves the right to modify the technical features of its products at any time. Technical information, volumes, data and features are only rough guidelines.

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