

Endless opportunities through Interroll's **proven technologies**



Convey



Sort



Store



Pick



The leading global supplier of **products and solutions** for material handling

Our comprehensive product portfolio meets the needs of
system integrators and OEMs all over the world.

THE INDUSTRIES WE FOCUS ON



AIRPORTS



**STORAGE &
DISTRIBUTION**



**COURIER, EXPRESS
& PARCEL**



**MANUFACTURING
LOGISTICS**



**RETAIL &
FASHION**



**TIRE &
AUTOMOTIVE**



**FOOD &
BEVERAGE**



PHARMA

The Interroll Group

Established in 1959, Interroll has grown to become the world's leading supplier of key equipment for **material handling**.

Whether you're handling boxes, pallets, parcels, or soft goods, no other supplier has such a comprehensive range of solutions on offer.

This is why system integrators, OEMs and end users choose Interroll as a trusted partner for material handling installations, worldwide.

Interroll's global reach ensures quick delivery and superior after-sales service for customers, no matter where they are.



Our Global Network



35
SUBSIDIARIES &
PRODUCTION
SITES



CHF **556M**
TURNOVER



2,400
EMPLOYEES

- 
Holding
- 
Manufacturing Unit
- 
Sales Unit
- 
Mixed

Convey



Rollers

p.08



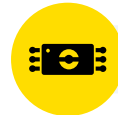
Accessories

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DC Platform

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Controls

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Drum Motors

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Modular Conveyor Platform **MCP**

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MCP PLAY

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High Performance Conveyor Platform **HPP**

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Modular Hygienic Platform **MHP**

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Sort



Sorter Solution Platform

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Pick



Light Conveyor Platform **LCP**

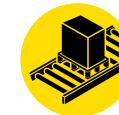
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Carton Flow

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Store



Modular Pallet Conveyor Platform **MPP**

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Pallet Flow

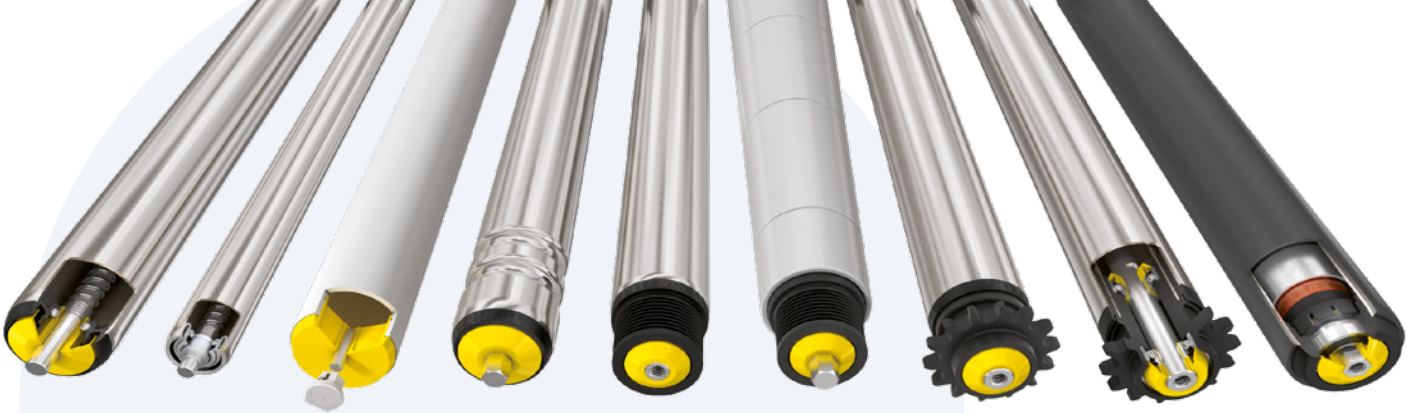
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Service



Interroll **Lifetime Service**

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Rollers

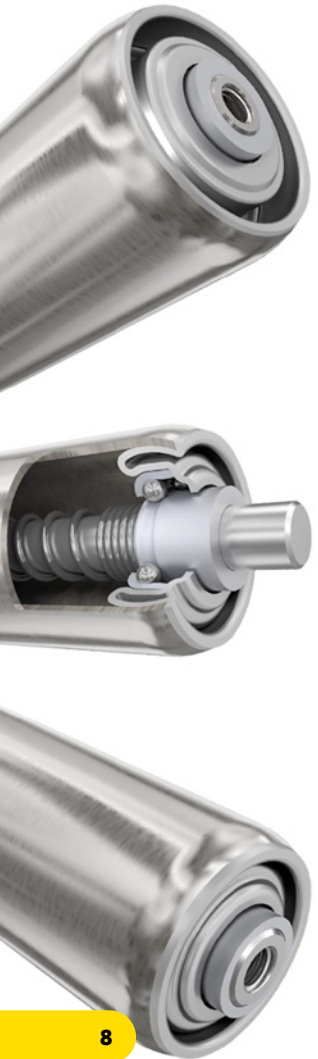
Interroll produces up to **60,000 different types of industrial quality ISO 9001** rollers every year and offers short lead times, regardless of the quantity ordered.

Wide range of rollers suitable for all industries

- > Gravity or driven
- > Straight or conical
- > For packages or pallets
- > In steel, stainless steel or PVC

Accessories

- Accessories for conveyors**
and workstation equipment
- Ergonomic workstations**
to reduce stress and injuries
- Gravity ramps**
to reduce energy costs



- QUALITY
- VARIETY/CAPABILITY
- CAPACITY
- CONSISTENCY



- BALL TRANSFERS
- WHEEL TRACKS
- OMNIDIRECTIONAL MODULE
- POLYMER CONVEYOR WHEEL

CONVEY



DC Platform RollerDrive

The RollerDrive is a safe, **low-voltage powered roller for driving roller conveyors**. It is suitable for zero pressure accumulation (ZPA) applications. ZPA is a function, typical for Interroll roller conveyors, which allows the accumulation of boxes or cartons without contacting each other. In addition, ZPA saves significantly more energy than conventional methods of accumulating boxes or cartons.

Ø DIAMETER 50/60 mm VOLTAGE 24/48 V POWER 20/35/50 W



ENERGY SAVINGS
+
Up to **50%**

- Maintenance-free
- Safe to install
- Accurate positioning
- Simple retrofitting of existing installations
- Industry 4.0 ready
- Up to IP66 rating
- UL-certified
- Analog- and bus-interface possible

- Detailed diagnostics for predictive maintenance
- Quiet operation and minimal wear
- Compact design
- Quick and easy assembly

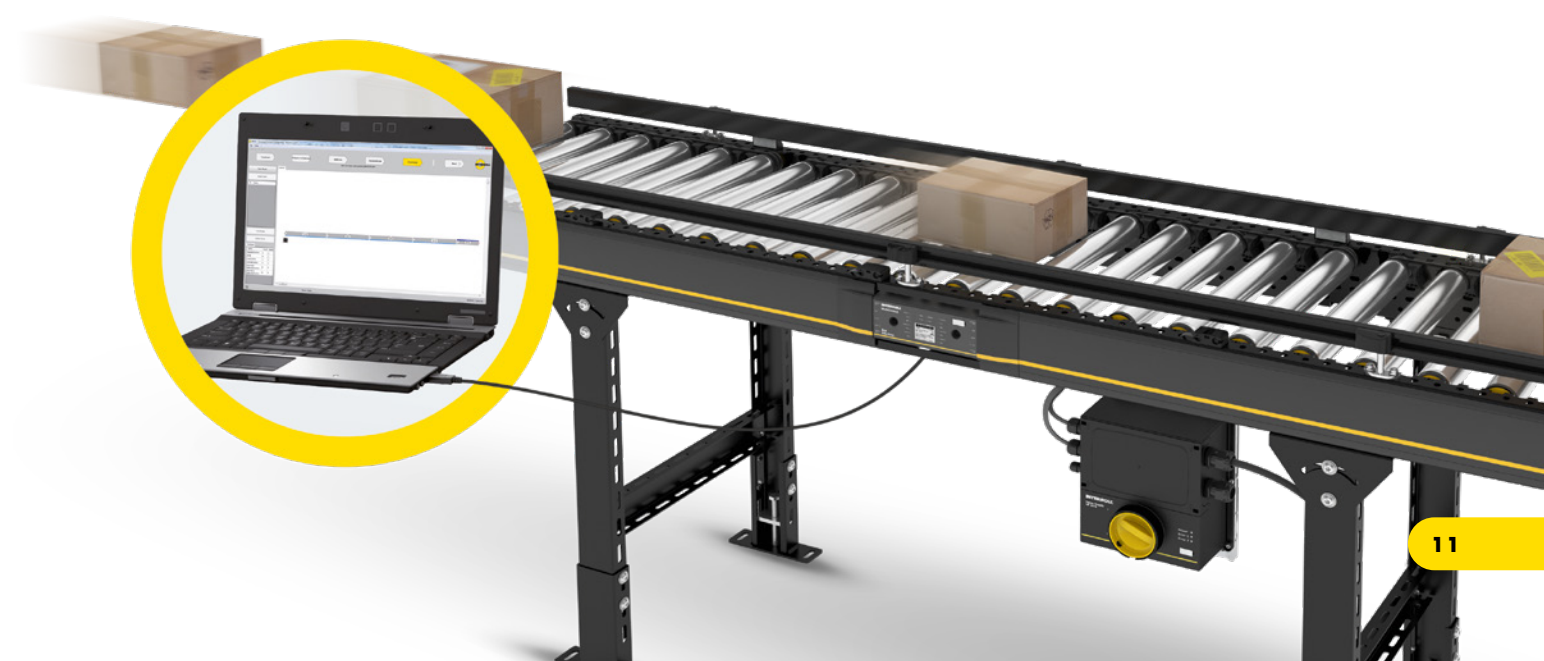
Controls

Complete and direct management of **various functions**

- Motors and sensors
- Acceleration and deceleration ramps
- ZPA function
- Speed control

Compatible with **almost all PLCs** via EtherNet/IP, EtherCAT, and PROFINET

UL certified **four-zone control solution** to control EC5000, transfer modules and High Performance Diverts



Drum Motors

The **Interroll Drum Motor Platform** allows you to create belt drive solutions compatible with the most common friction driven belts, Modular Plastic Belts (MPB), or TPU belts.

EHEDG design
and IP69K ratings

Easy
installation

Energy efficient:
Energy savings up to 50%
compared with conventional systems

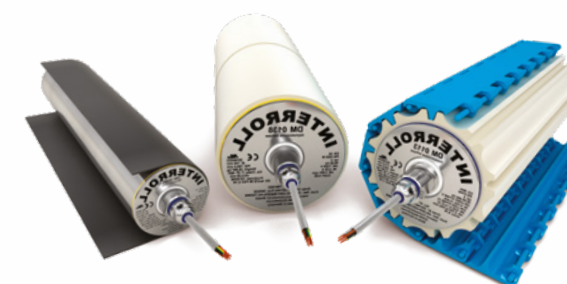
Quick & easy
assembly/disassembly,
compact solution

Oil-free
versions available

Low maintenance
and extremely durable

Space saving
design

PROVEN LONGEVITY
50%
+



Synchronous or asynchronous versions

The most powerful and energy-efficient drive with high dynamics and high torque.

Very high
stop/start rate

Speed variation | 1:15 in open loop
1:1000 with encoder feedback

Encoder option:
 > Resolver
 > Incremental
 > Absolute encoder, single turn, Hiperface
 compatible with servo drives

Durable
and robust

Accurate
positioning

Laggings and sprockets
 > PU laggings
 > NBR laggings
 > PK /stainless steel hybrid sprockets

Speeds from
0.03 to 2.72 m/s

Fast deliveries
and service

GLOBAL
AVAILABILITY

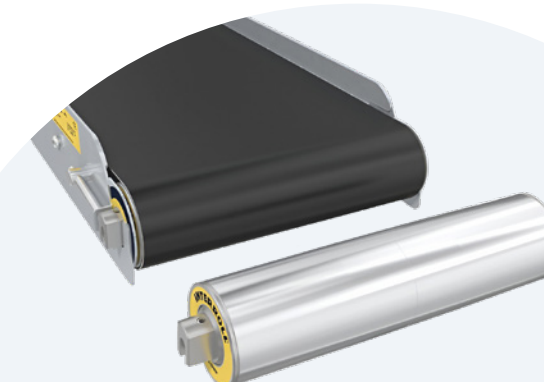
COMPATIBLE
WITH MOST MODULAR
PLASTIC BELT (MPB)

HIGH TORQUE
AND LOW NOISE

MODULAR
CONSTRUCTION

ENERGY-
EFFICIENT

STRONG
DYNAMICS



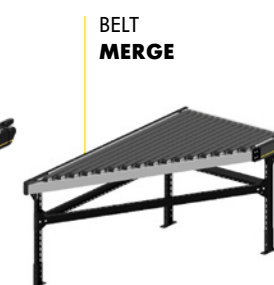
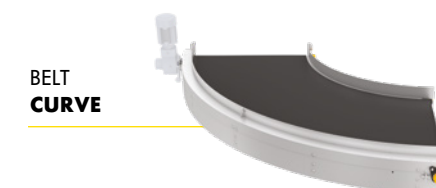
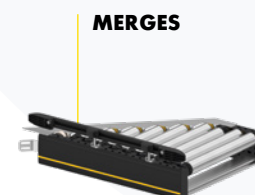
Light-duty and
supermarket checkout
Versions available:

- > Checkout drives & soft-start controls
- > Cassette systems
- > Reverse vending machines
- > Lean, pre-assembled, light-duty industrial conveyors

CONVEY

Modular Conveyor Platform **MCP**

Smart, economical and flexible. Interroll's conveyor modules are the most versatile and durable systems available, assuring the highest availability and scalability for future growth.



- 100% electric**
24V, 48V or 400V
- Deep freeze -30°C**
applications
- Simple retrofitting**
of existing installations
- Plug & play**
modules
- Up to **50kg/m**
- Speeds up to **2m/s**

- Flexible with angles of **30°/45°/60°/90°**
- Up to **75kg/m**
- Speeds up to **2,85m/s**

- Up to **50kg/m**
- Speeds up to **2m/s**
- Quick and easy**
maintenance

CONVEY

MCPPLAY



CONVEY

MCP PLAY

Faster, easier, smarter:
The future of conveying starts today.

Interroll is pioneering the future of material handling with **MCP PLAY**, an advanced evolution of the industry-standard **Modular Conveyor Platform (MCP)**. Designed with cutting-edge intelligence, it enhances design, implementation, commissioning, and operational management for unmatched efficiency. Backed by multiple patents, **MCP PLAY** sets a new benchmark in innovation, empowering system integrators to accelerate quoting, reduce project timelines, and optimize workforce flexibility.



- 1 Layout & simulation
- 2 Commissioning
- 3 Testing
- 4 Optimize & enjoy

OPTIMIZES SPACING

Faster commissioning and ramp-up for **quicker project delivery**

Simplified layout design with intuitive software tools

Reduced programming workload, **saving time and resources**

Eliminates the need for advanced programming expertise, giving you more **flexibility with personnel**

Seamless integration with minimal operational disruption

Improved energy efficiency for the end user



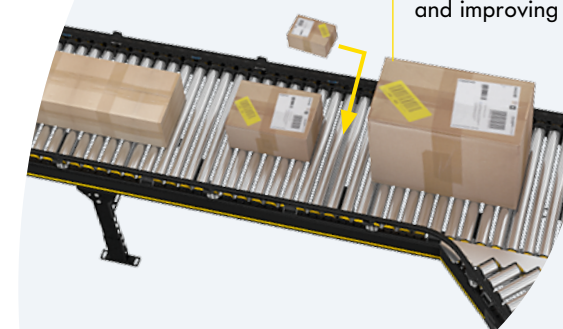
The seamless flow of goods, without interruptions or restarts, **reduces power consumption**, minimizes wear, and enhances sustainability. Streamlined processes from design to operations boost productivity and **enhance every workflow phase**, while the continuous flow of optimally spaced goods maximizes throughput.

MCP PLAY

+ MAIN PRODUCT FEATURES

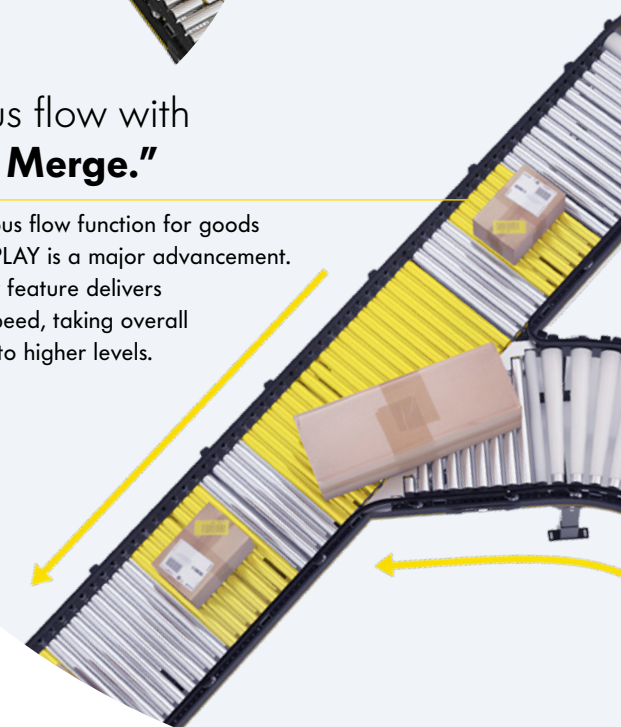
High flexibility with "Adjust the Gap."

Optimizes spacing between items on the conveyor, ensuring smooth product flow, preventing collisions, and improving sorting accuracy.



Continuous flow with "Flowing Merge."

This new continuous flow function for goods offered by MCP PLAY is a major advancement. The revolutionary feature delivers unprecedented speed, taking overall system efficiency to higher levels.



CONVEY


High Performance Conveyor Platform **HPP**

The benefits of a **flexible modular system of conveyor modules** are now available to system integrators and end users in the CEP industry.



A variety of modules for **specific needs:**

- > Inclined or descending conveyors
- > Based on proven technologies
- > Seamless material flow


 **Low maintenance,**
optimal performance

 **Robust**
and reliable

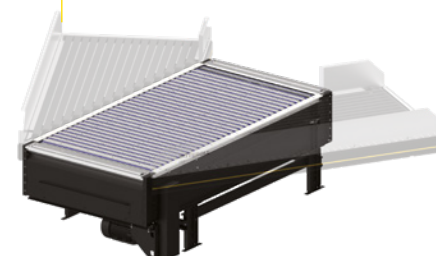
 **High flow**

MULTIBELT SWITCH **MBS**

 High throughput:
>10,000 pcs/hr

 **80 kg/meter** or
50 kg/item

 Up to
8 destinations








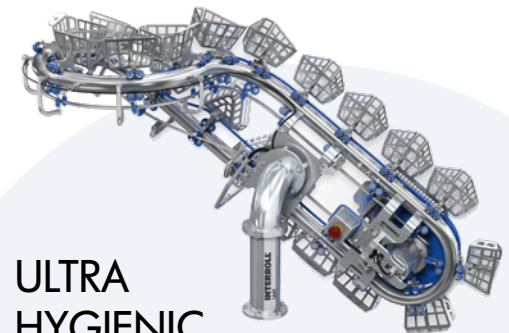
Modular Hygienic Platform **MHP**

These solutions not only **ensure food safety** but also improve operational efficiency, sustainability, and worker safety.

SPECIAL HYGIENIC CONVEYOR **SHC**

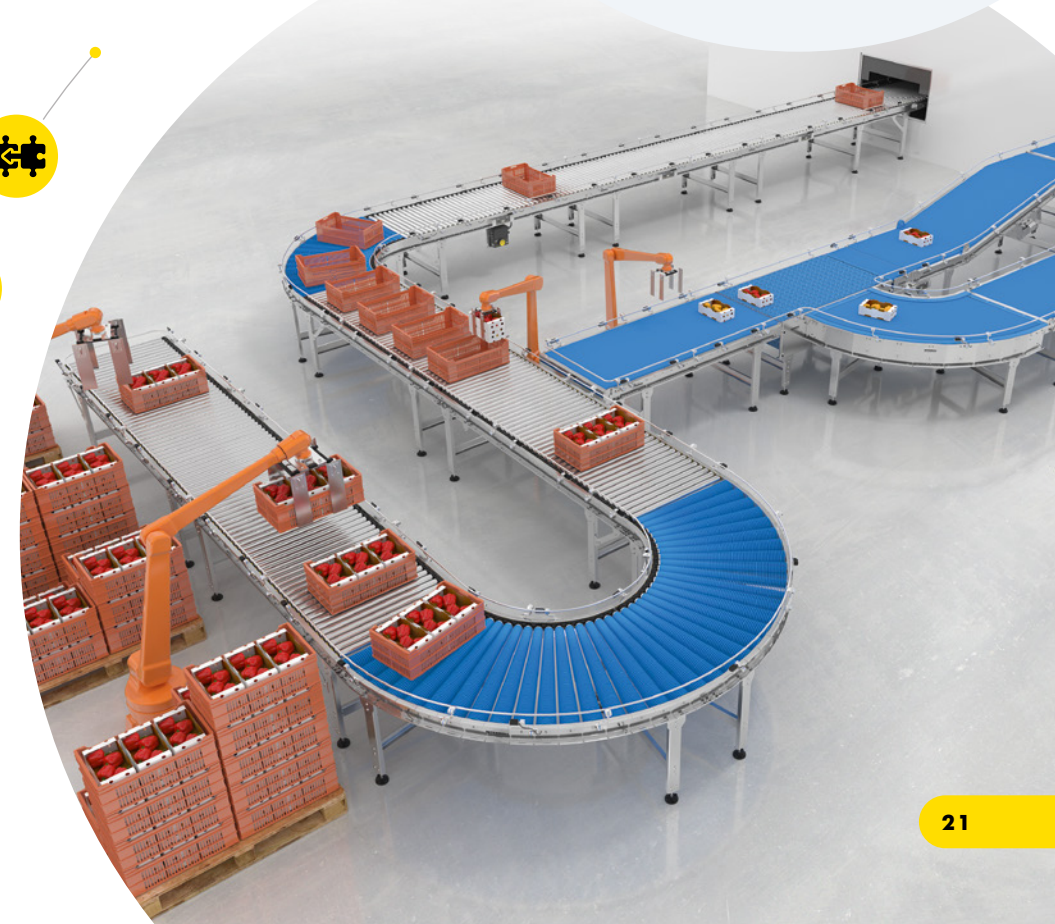
The Special Hygienic Conveyor (SHC) is designed for precise, efficient handling of packaged food products, offering zero pressure accumulation (ZPA) functionality to optimize energy use and reduce waste. SHC roller conveyors also feature a sealed design to prevent contamination and are highly water-efficient, reducing the risk of microbial build-up during cleaning.

- Modular**
stainless steel platform 
- Easily interfaces**
with existing applications 
- Waterproof:**
all components are at least IPX5 certified 
- Energy savings**
up to 50% possible with ZPA 
- Suitable for dry to moist**
packed food applications from -5°C to +40°C 



ULTRA HYGIENIC TRANSFER **UHT**

The UHT is a disruptive innovation by Interroll specifically designed for the poultry industry. It reduces the amount of debris in the area of automatized cutting and slicing by up to 85 percent. This leads to a germ load reduction along the entire process chain.






SORT

Sorter Solution Platform

Interroll offers a complete Sortation Platform. This platform enables customers to find their perfect sortation solution with Interroll products. Our automatic sorting systems ensure that conveyed goods of all kinds always arrive exactly where they should: in the right place at the right time. **Whatever your sorting requirements are – Interroll has the solution for it.**



-  Throughput rates of **2,000 to 20,000** units per hour
-  Sorting of parcels **up to 50kg**
-  **Quiet operations** <67dB(a)

Interroll's crossbelt sorters are **the most durable and flexible on the market**. Their proven mechanical design and superb performance make them the optimal sortation solution for a wide array of industries and applications.

SPLIT TRAY SORTER

Effective sortation for insensitive goods, small footprint with large number of destinations

HORIZONTAL CROSSBELT SORTER




Loop sorter, high number of destinations and based on basic mechanical principle

VERTICAL CROSSBELT SORTER

Linear sorter, space saving design, small footprint

Ideal for items of **many shapes and sizes:**

- > Packages
- > Totes
- > Boxes
- > Polybags

-  **Ideal for sorting and transporting goods** between 50g and 50kg
-  **Proven, robust** low maintenance mechanical design
-  **Very low energy** consumption



A PLATFORM OF SORTER SOLUTIONS

SERVICES



DESTINATION PLATFORM



SORTER CONTROL



HIGH PERFORMANCE INFED PLATFORM



PICK / CONVEY

QUIET OPERATIONS
 < 60 dB

Light Conveyor Platform LCP

Ready to use conveyor. The Light Conveyor Platform (LCP) is Interroll's solution for production and manufacturing logistics, as well as in the field of assembly and automation. It is a modular platform based on a light and robust design that is easy to integrate.

- Designed** for manufacturing and assembly (DFMA)
- Short delivery times** thanks to "assemble to order" principle
- Ready to use solution** enables easy integration
- Easy maintenance** thanks to smart design
- ESD** suitable for electronic production environment

LCP CONVEYOR



LCP TRANSFER



LCP CONTROL



AMR TOP MODULE



AMR IR-MODULE



PROVEN SIMPLICITY

Maximum safety
for employees and incorrectly off-loaded goods

UL components
to ensure ease of certification

Simple interface
and seamless communication between the AMR and the Top Module

Proven solution
Extensively tested with robot partners

Scalable
modular platform solution

AMR TOP MODULE




Scalable solution. The LCP AMR Top Module is an expansion to the Light Conveyor Platform (LCP) which enables handling of lightweight goods on the Autonomous Mobile Robot (AMR). Unlike other top module manufacturers, Interroll offers a complete solution which is unique in the market.



PICK




Carton Flow Shelves

for Cartons & Totes

-  **Ergonomic, maintenance-free,** fast, and easy to install
-  **No power required,** gravity solution
-  **High density storage** and pick rates



CARTON WHEEL FLOW

-  **Ergonomic** carton flow solution
-  **Ideal for order picking** of high turnover SKUs
-  **Proven, reliable solution** for flat bottom boxes and totes
-  **Compatible with all** racking and shelving types

VERSI FLOW

- Versatile solution** for multiple types of goods 
- Easy flowability** thanks to its large diameter polycarbonate wheels 
- Easy installation** into any rack 
- Ideal solution** for retrofitting 



Modular Pallet Conveyor Platform **MPP**

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

- Energy-efficient: 500kg with 48V
- Effective from +5°C to +45°C
- Speeds from 0,1 to 0,5m/s
- Up to 1500kg

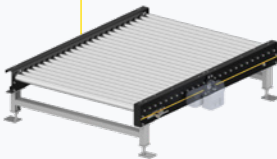


A complete range of modular conveyors



Quick and easy maintenance

ROLLER CONVEYOR



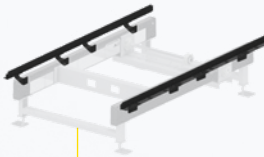
ROLLER TURNTABLE



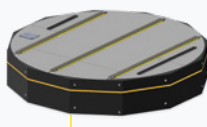
90° ROLLER TRANSFER



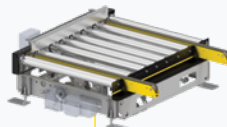
CHAIN CONVEYOR



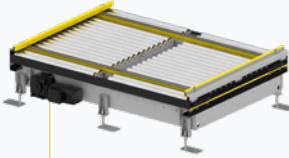
CHAIN TURNTABLE



90° CHAIN TRANSFER



DOUBLE



STACKER CRANE



TRANSFER CAR

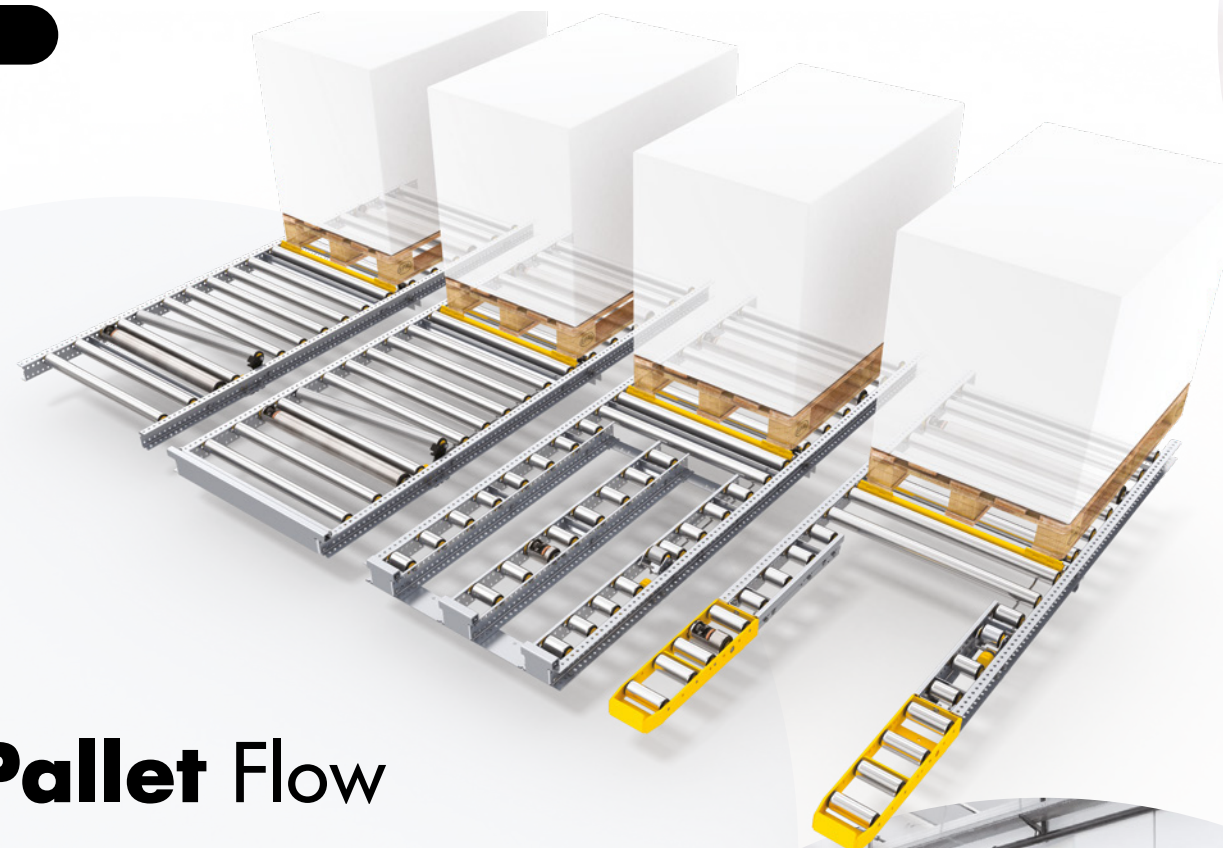


Full **integration** with MCP and Interroll Pallet Flow systems

The Interroll MPP is a proven, high-quality solution for the entire flow of pallets throughout manufacturing plants and distribution centers.

Learn more on the next page

STORE



50%
SPACE SAVINGS
IN HIGH DENSITY
STORAGE APPLICATIONS

Pallet Flow



MSC
brakes



Energy-efficient
solution



Reduced distances
fewer forklifts, less traffic



Maintenance-free,
quick and easy to install



No power required,
gravity solution



Compatible
with your WMS



Increased operator safety
thanks to speed control
and pallet separators

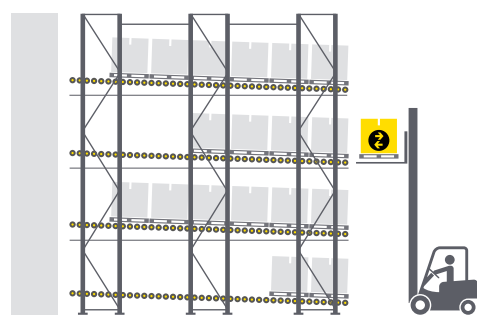
FIFO and LIFO solutions for diverse applications

- Storage
- Buffer
- Dispatch Lanes
- Pick Tunnels

LIFO

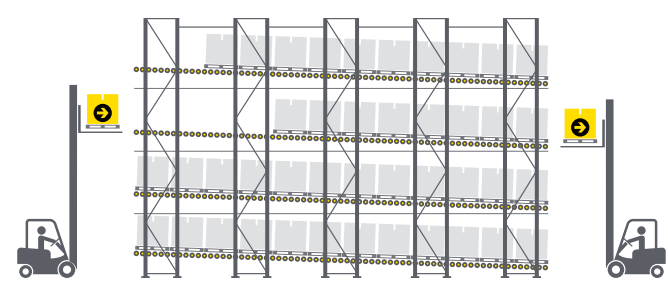


In/Out



FIFO

Out



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

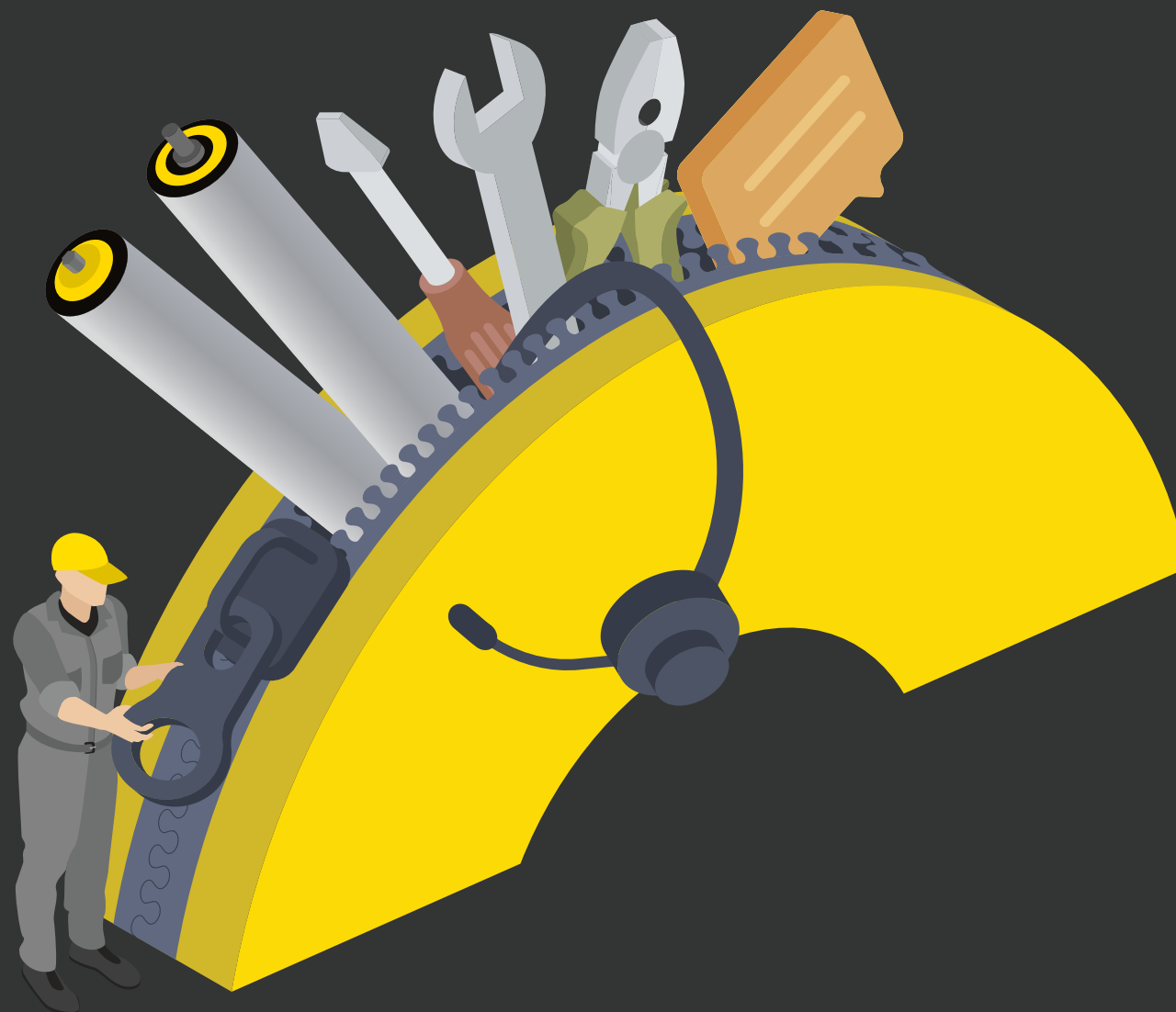
Operation of new equipment

- 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

About Interroll

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

Interroll supplies system integrators and equipment manufacturers with a comprehensive range of platform-based products and services in the categories "Rollers" (conveyor rollers), "Drives" (motors and drives for conveyor systems), "Conveyors & Sorters" (conveyors & sorters) and "Pallet Handling" (pallet conveying and storage). Interroll solutions are used in express and postal services, e-commerce, airports, food & beverage, fashion, automotive and other industries. The company counts leading brands such as Amazon, Bosch, Coca-Cola, DHL, Nestlé, Procter & Gamble, Siemens, Walmart and Zalando among its users.

Headquartered in Switzerland, Interroll has a global network of 35 companies with a turnover of CHF 556.3 million and 2,400 employees (average number of employees in 2023).

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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