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Power Transmission Solutions for Can Manufacturing





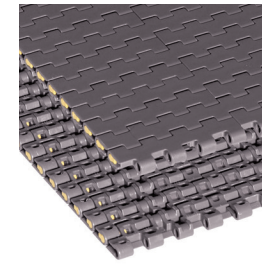
Improve your line performance by choosing Rexnord.

True product quality is proven through performance in the field. Rexnord power transmission products and flat wire belts have a successful track record in can manufacturing applications.

Easy Installation and Easy Maintenance

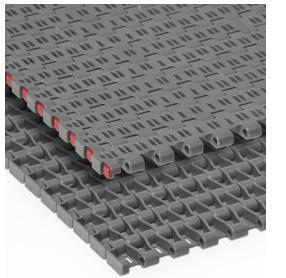
Pin Retention

All Rexnord MatTop Chain is equipped with reliable pin retention plugs that can be opened and closed for fast installation and maintenance. The plugs are made in a highly visible color contrasting with the chain, ensuring correct position.



Imperial & Metric Width Sizes

Rexnord MatTop Chain sizes are available in all common widths typically used by all major can manufacturers. This assures that chains can be installed on existing conveyor frames without the need for modifications.



Split Sprockets

For every MatTop and TableTop Chain, Rexnord offers drive sprockets in split designs. There is no longer a need to remove the shaft from the conveyor when replacing sprockets – saving time and man power. The sprocket halves are securely fastened together by Allen head cap screws.



Dynamic Nose-over Bar

For short head-to-tail transfers, modular chains are wrapped around a small rotating shaft or nose bar. Rexnord offers complete dynamic nose-over bars with integrated bearings to minimize heat development reducing the force required to pull the chain around the bar.



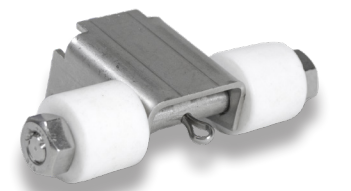
Energy Saving

A benefit of using engineered plastic conveyor chains is the significant reduction in headshaft tension. Rexnord's internally lubricated plastics provide the lowest and most consistent friction levels in the industry. Rexnord's HP™ (High Performance) material combined with ULF™ (Ultra Low Friction) wearstrips and corner tracks will significantly reduce power consumption on conveyors throughout their lifetime.



Flexibility & Customization

Whether in washers or internal baking ovens, our flat wire belting is customizable to your can manufacturing environment. The belts feature variable openings to reduce belting weight while providing larger openings for better spray-through in washers – all without compromising the strength and rugged durability of the belt. Vacuum Solution Heat Treat (VSHT) Sprockets are offered in a range of diameters and bore sizes, while Hold Down Rollers are an option for hold down belts in washers.



Reliable Products and Superior Performance – From a Single Source

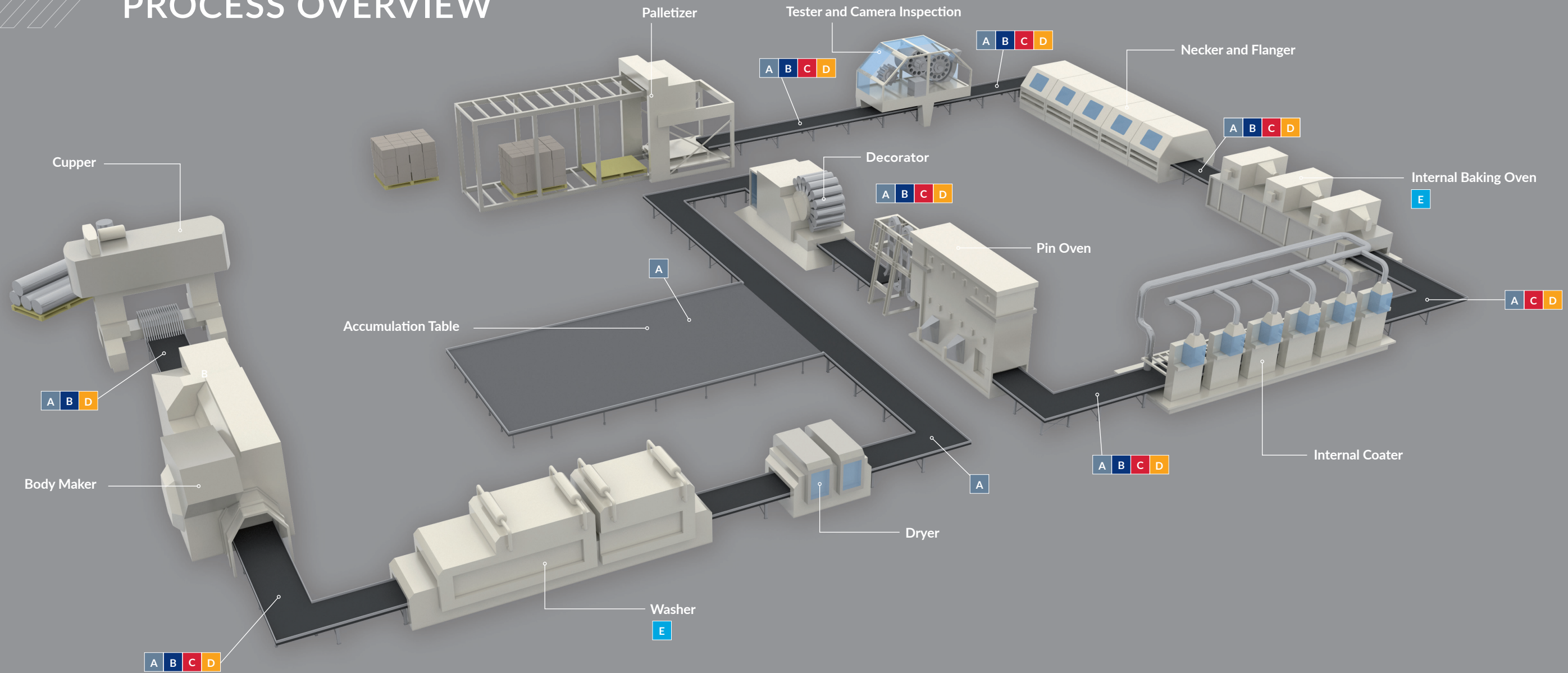
More than ever, the need for a profitable solution is imperative – success is derived from reliable brands. Choose from our comprehensive offering of Rexnord® modular belts, and chain and metal belting. No other company can offer such diversification with an extensive selection of power transmission products essential to keeping any industrial application on the move.

Engineered Sustainability by Rexnord

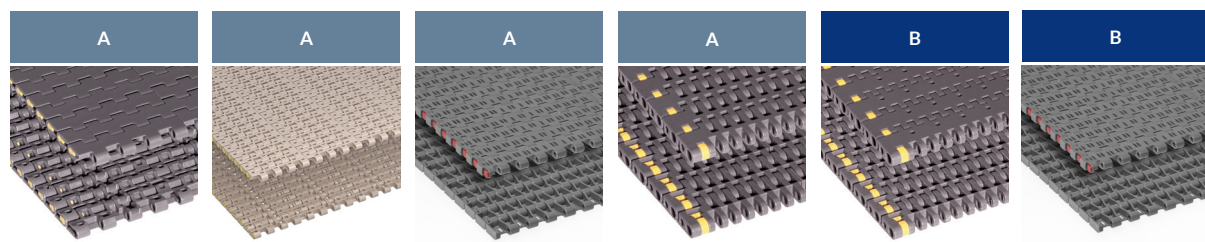
We provide chain and modular belt design and technical expertise to help you choose durable conveyor systems that guarantee optimal product handling without compromising your ability to meet targets for safety improvements, water reduction, energy savings, and more, through our Engineered Sustainability™ by Rexnord program. Total Cost of Ownership (TCO) is critical – not only does initial cost of products matter, but operating your line at minimal cost and at the highest efficiency is essential. Rexnord's high-quality standards result in remarkable reliability and longevity of our products. The design of our chains and components helps to reduce unforeseen maintenance and increase the uptime of your production line.

Global Brands in Can Manufacturing

CAN MANUFACTURING PROCESS OVERVIEW

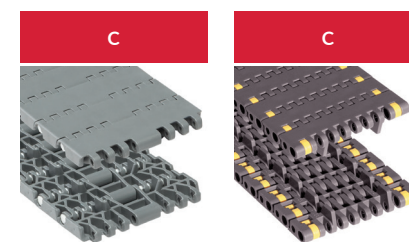


MatTop Chain



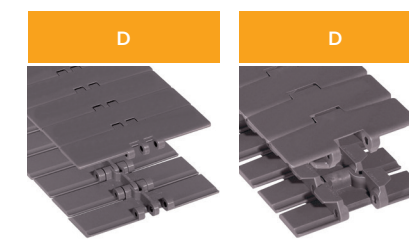
- HP 1506 Series**
PITCH: 0.59-inch (15mm)
HEIGHT: 0.34-inch (8.7mm)
For general conveying and nose bar transfers
- LF 1506 Series**
PITCH: 0.59-inch (15mm)
HEIGHT: 0.34-inch (8.7mm)
For general conveying and nose bar transfers
- HP 5936 Series**
PITCH: 3/4-inch (19.05mm)
HEIGHT: 0.35-inch (8.7mm)
For general conveying and nose bar transfers
- HP 8506 Series**
PITCH: 3/4-inch (19.05mm)
HEIGHT: 0.35-inch (8.7mm)
For general conveying and nose bar transfers
- HP 8505 E Series**
PITCH: 3/4-inch (19.05mm)
HEIGHT: 0.35-inch (8.7mm)
For vacuum elevators/lowerators
- HP 5935 E Series**
PITCH: 3/4-inch (19.05mm)
HEIGHT: 0.35-inch (8.7mm)
For vacuum elevators/lowerators

MatTop Chain



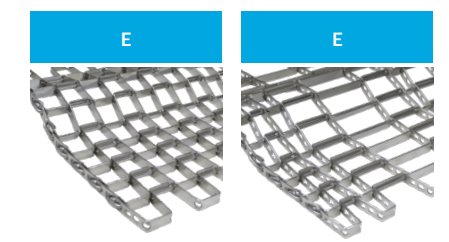
- PSX 1001 Series MTW PT**
PITCH: 1-inch (25.4mm)
HEIGHT: 0.35-inch (8.7mm)
For high-speed single file conveyors; vacuum holes optional
- HP 8506 Series MTW PT**
PITCH: 3/4-inch (19.05mm)
HEIGHT: 0.35-inch (8.7mm)
For high-speed single file conveyors and magnetic elevators

TableTop Chain

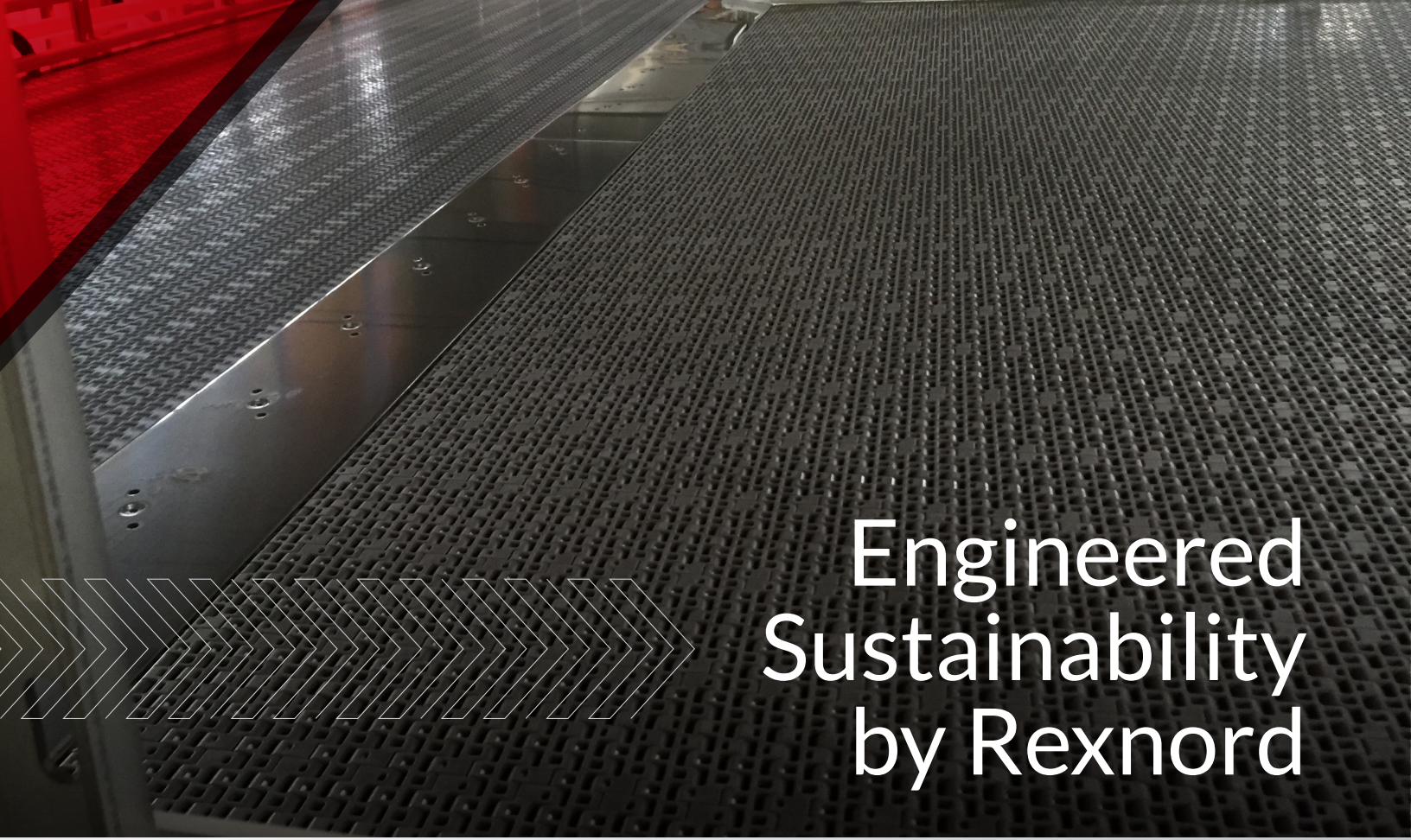


- HP 820 Series**
PITCH: 1.5-inch (38.1mm)
THICKNESS: 0.15-inch (4.0mm)
For high-speed single file conveyors; vacuum holes optional
- HP 880 Series TAB**
PITCH: 1.5-inch (38.1mm)
THICKNESS: 0.15-inch (4.0mm)
For high-speed side-flexing single file conveyors; vacuum holes optional

Metal Belting



- PacTite®**
WIDTH: up to 256 inch (6500mm)
SPEED: up to 200fpm (61mpm)
Eliminates gaps between pickets to prevent product tipping and vibration.
- PacTitan®**
WIDTH: up to 256 inch (6500mm)
SPEED: up to 250fpm (76mpm)
More versatile flatwire belting and customizable for specific products.



Engineered Sustainability by Rexnord

Rexnord developed the Engineered Sustainability product program to help you design durable conveyor systems with components that guarantee optimal product handling, without compromising the ability to meet targets on safety improvement, increased productivity, water reduction and energy savings.



Safety

How can we help to improve operator safety?

- Dry production floors
- Low noise levels
- Closed conveyor surface and transfers
- ZeroGap™ solutions



Productivity

How can we help to improve productivity?

- High quality products
- Optimal container stability
- Minimal container damage
- Maximum conveyor uptime
- No unscheduled downtime



Water

How can we help to reduce water consumption?

- Internally lubricated plastic materials
- Low friction wear strips
- Low friction curves
- Minimal heat development in curves

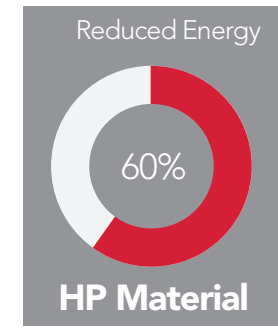


Energy

How can we help to save energy?

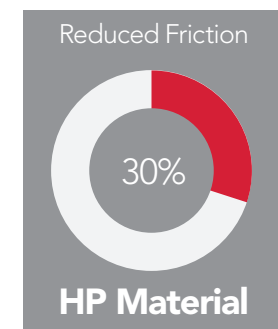
- Internally lubricated plastic materials
- Low friction wear strips
- Low friction curves
- Light weight products designs

Material Selection



Reduced Energy Consumption

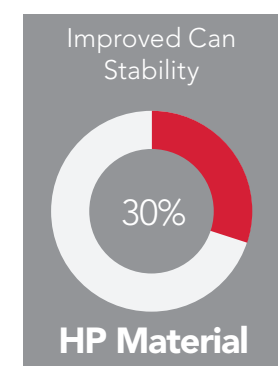
Conveyors in can manufacturing plants have proven to benefit from using engineered plastic materials that help increase line efficiency. Internally lubricated plastics provide the lowest and most consistent friction levels, providing optimal sliding properties ensuring smooth operation and minimizing backline pressure for the cans. Extensive testing has proven that high-performance materials reduce power consumption of conveyors up to 60% over plain acetal.



Optimal Coefficient of Friction

Rexnord Flame Retardant Low Friction (FRPLUS™) Chain Material provides low coefficient of friction with optimal performance and improved safety.

Rexnord HP™ Material has the lowest coefficient of friction of any chain material in the industry and is able to reduce friction levels up to 30%. Can handling is improved by minimized conveyor pulsation and lower backline pressure.



Superior Product Stability

Although large parts of a line will work with standard acetals, various applications call for specific material expertise. If the critical line components do not work reliably, the overall line productivity will be significantly reduced. Less slip-stick for HP material results in a higher can stability and less tippage. Areas where tailor-made materials can benefit include: the oven exit conveyor, UV drying applications, wet areas and mass handling conveyors. Rexnord has the capability to supply materials for any specific application in can manufacturing, including flame retardant or antistatic materials.



Reduced Chain Wear

Rexnord HP material can reduce wear as much as 40%. The material composition virtually eliminates break-in wear and elongation, minimizing maintenance frequency.

Engineered Performance and Reliability

Flame Retardant Solution

Our Rexnord Flame Retardant Low Friction (FRPLUS™) Material for MatTop Chain provides low friction and is flame retardant for your aluminum and steel can manufacturing operation. This exclusive material offering is formulated to self-extinguish per the UL Standard 94 V-0 when the source of ignition or flame is removed.

Metal Belting

Longer Belt Life

The proprietary PacTitan manufacturing process results in flatter pickets with better nesting between the picket and the rod. This reduces belt elongation, improves tracking and contributes to longer belt life.

Additionally, PacTitan pickets feature fully clinched edges that provide a superior edge finish, preventing the belt from necking down or hanging up on the side of the conveyor.

Conveyor Components

Reduced Energy Costs

As part of the Rexnord Engineered Sustainability program is a wide range of Magnetflex® and TAB curves with integrated ULF wear strips. This combination significantly reduces the energy required to drive the chains. Higher density offers longer wear life and gives less risk of steel or aluminum particles embedding in the wear strips.

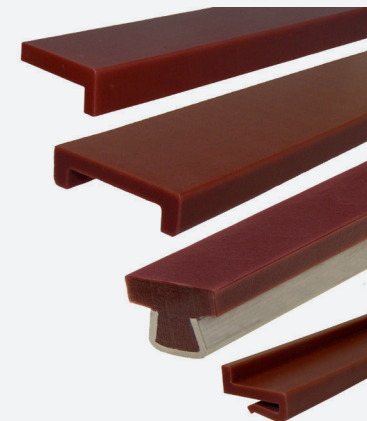
The wear strips provide a very low friction surface, thanks to lubricating additives in the material. This results in 30% lower head shaft tension, which means direct savings on energy costs.

Additional Rexnord Can Manufacturing Solutions.



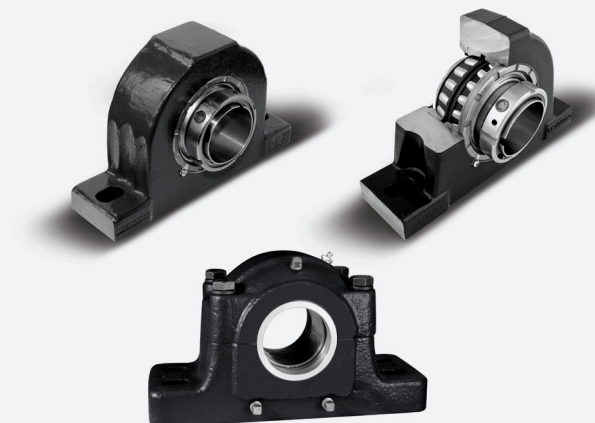
Conveyor Components

Engineered to perform in high-speed and sanitary applications, Rexnord Conveyor Components help extend chain life and provide highly flexible, smooth running conveying conditions. Many products within Rexnord's complete portfolio of conveyor components are available in plastic and stainless steel to address a wide range of requirements.



Ultra Low Friction Wearstrips

Rexnord ULF™ wearstrips are designed to minimize conveyor lubrication while maximizing wear life. Thanks to the high density of the wear strips, there is no chance for abrasive particles to embed into the sliding surface. ULF material is suitable for high-speed conveying of aluminum and steel cans in conditions where minimal or no external lubrication is present. ULF material is a specifically formulated UHMWPE (Ultra High Molecular Weight Polyethylene) with a self-lubricating additive package to ensure consistent low friction resulting in longer service life and lower power consumption.



Bearings

Rexnord Link-Belt®, Rex® and IoT Smart PT Select Bearings are backed by more than 70 years of manufacturing and technical expertise. Our proven, washdown-capable platform is found throughout can manufacturing facilities across the globe. With Rexnord, housing style, housing material, bearing type, and seal diversity allow us to deliver a bearing solution optimized to fit your application and ensure you get the proper product to maximize system performance. Our new IoT Smart PT Select Mounted Spherical Roller Bearings provide real-time inventory availability, online bearing selection and order tracking.

ALL AROUND
THE GLOBE,

CUSTOMERS TRUST
OUR PROVEN BRANDS.

WHY CHOOSE REXNORD?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.