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.

Global Brands in Can Manufacturing

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.

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.

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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.
MatTop Chain

PSX 1001 Series
MTW PT
PITCH: 1-inch
THICKNESS: 0.25-inch
HEIGHT: 0.35-inch
For high-speed single file conveyors; vacuum holes optional

HP 8505 Series
MTW PT
PITCH: 0.5-inch
THICKNESS: 0.25-inch
HEIGHT: 0.35-inch
For high-speed single file conveyors and magnetic elevators

HP 8506 Series
MTW PT
PITCH: 0.5-inch
THICKNESS: 0.25-inch
HEIGHT: 0.35-inch
For high-speed single file conveyors; vacuum holes optional

HP 5935 E Series
PITCH: 0.59-inch
THICKNESS: 0.34-inch
HEIGHT: 0.15-inch
For general conveying and nose bar transfers

HP 5936 Series
PITCH: 0.59-inch
THICKNESS: 0.34-inch
HEIGHT: 0.15-inch
For general conveying and nose bar transfers

HP 5906 Series
MTW PT
PITCH: 0.5-inch
THICKNESS: 0.25-inch
HEIGHT: 0.35-inch
For high-speed single file conveyors; vacuum holes optional

TableTop Chain

HP 880 Series TAB
PITCH: 1.5-inch
THICKNESS: 0.35-inch
HEIGHT: 0.35-inch
For high-speed single file conveyors; vacuum holes optional

HP 820 Series
PITCH: 0.5-inch
THICKNESS: 0.15-inch
HEIGHT: 0.15-inch
For high-speed single file conveyors and magnetic elevators

PacTitan®
WIDTH: up to 256 inch
SPEED: up to 200fpm
Eliminates gaps between pickets to prevent product tipping and vibration.

PacTitan®
WIDTH: up to 256 inch
SPEED: up to 200fpm
More sensible flatwire belting and customizable for specific products.
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.

Improved Can 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.
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.
Gear Drives
The Falk® Ultramite® product family of gear drives offers a wide range of sizes, types, and ratios suitable for the horsepower requirements of the can manufacturing industry. Our C–face input design allows for the use of any standard NEMA or IEC motor and can provide up to an 80 percent reduction in motor inventory. It also provides a clean and quick replacement of the motor without removing the drive from the driven equipment. The entire Falk Ultramite family of gear drives is covered by an industry–leading, three–year warranty that includes the bearings and seals.

Torque Limiters
The Autogard® portfolio leads the industry by providing high–quality, innovative products. Autogard ball detent torque limiters immediately disengage and work like a mechanical “circuit breaker” to protect the weakest member of the drive train in the event of an overload or jam.

Couplings
Rexnord provides a full portfolio of technology leading, non–lubricated coupling solutions to meet your specific application need. Omega®, Viva® and Wrapflex® elastomeric couplings reduce downtime and maintenance while extending the life of connected equipment.
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.

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.