

Power Transmission Solutions for Can Manufacturing



Improve your line performance by choosing Rexnord and Cambridge Engineered Solutions.

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



Rexnord & Cambridge — 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® plastic chain and Cambridge 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.

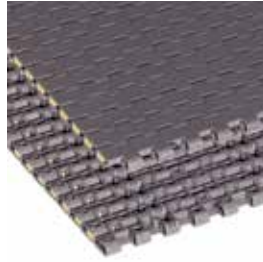
Engineered Sustainability by Rexnord

We provide chain 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

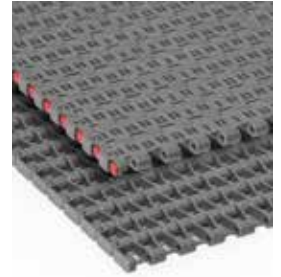
Pin Retention

All Rexnord MatTop Chain is equipped with reliable pin retention plugs that can be opened and closed fast and easily for 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.



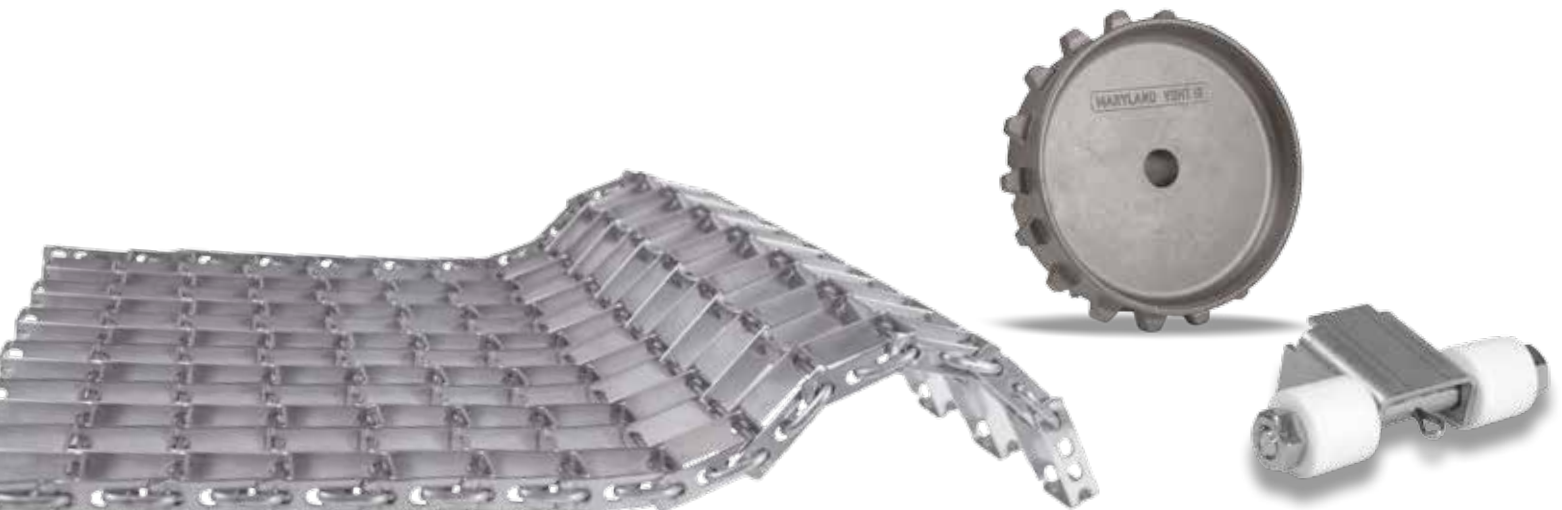
Energy Saving

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.

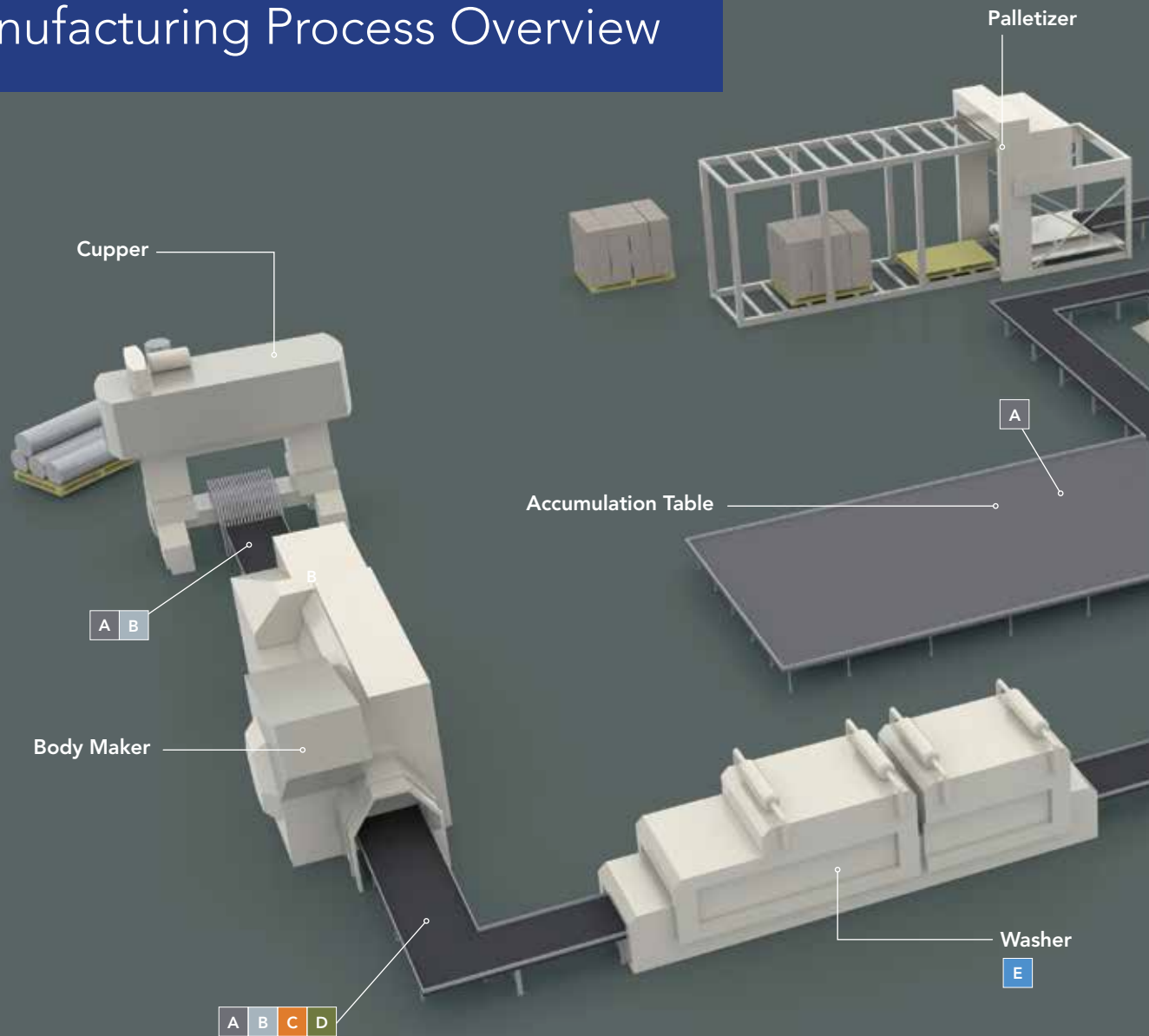


Flexibility & Customization

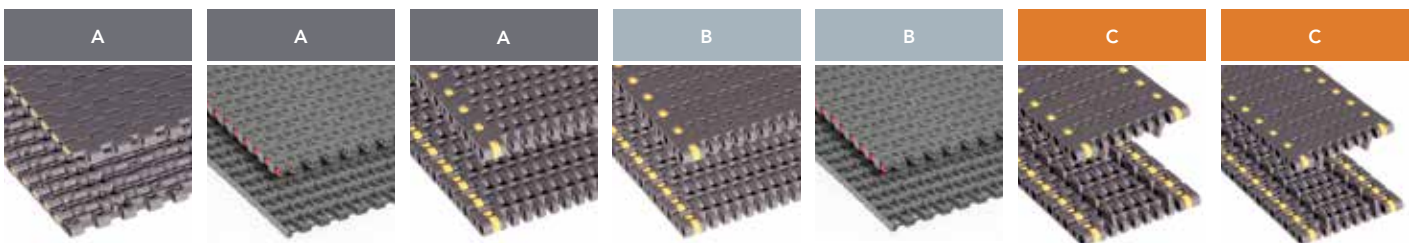
Whether in washers or internal baking ovens, Cambridge flat wire belting is customizable to your can manufacturing environment. The belts feature variable openings to reduce belting weight while providing larger openings for better spray-through in washers — all without compromising the strength and 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.



Can Manufacturing Process Overview



MatTop Chains



HP 1506 Series
 PITCH: 0.59-inch (15mm)
 HEIGHT: 0.35-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

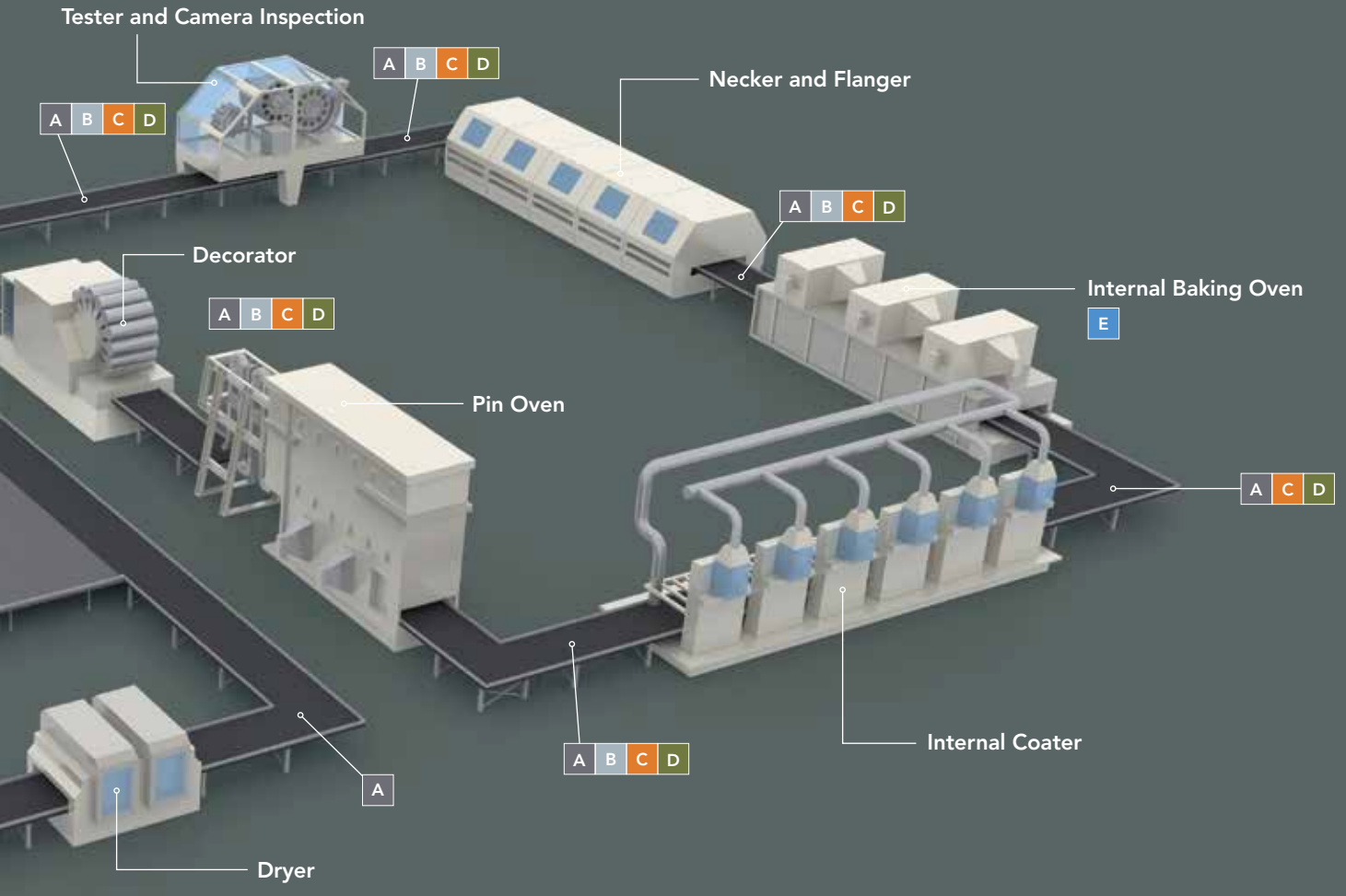
HP 8506 Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For general conveying and nose bar transfers

HP 8505 E Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For vacuum elevators/lowerators

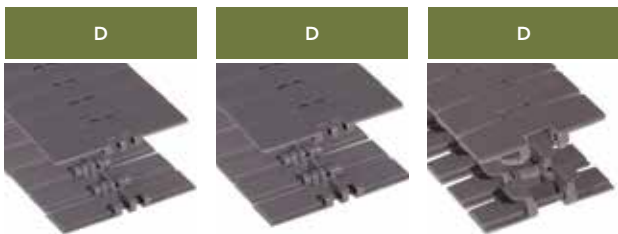
HP 5935 E Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For vacuum elevators/lowerators

HP 8505 Series MTW PT
 PITCH: 3/4-inch (19.05mm)
 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 Chains

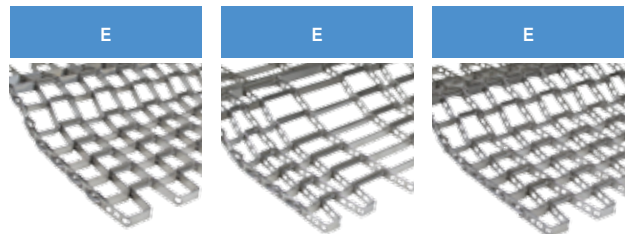


HP 820 Series
 PITCH: 1.5-inch
 (38.1mm)
 THICKNESS: 0.15-inch
 (4.0mm)
 For high-speed single
 file conveyors

HP 820 Series
 PITCH: 1.5-inch
 (38.1mm)
 THICKNESS: 0.15-inch
 (4.0mm)
 For high-speed single
 file vacuum conveyors

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

Cambridge Belting

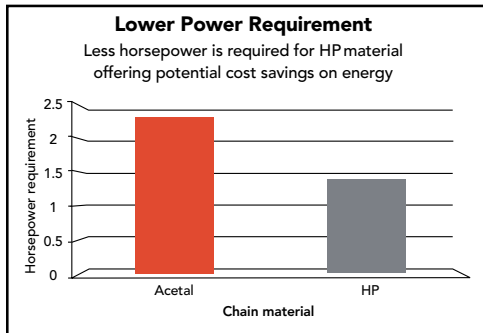


Cambridge Engineered Solutions Belting Products
 PacTite®, PacTitan®, PacLite, Hold Down Rollers*, and Vacuum Solution Heat
 Treat (VSHT) Sprockets

*Hold Down Rollers are only applicable for use in washers.

Engineered Performance and Reliability.

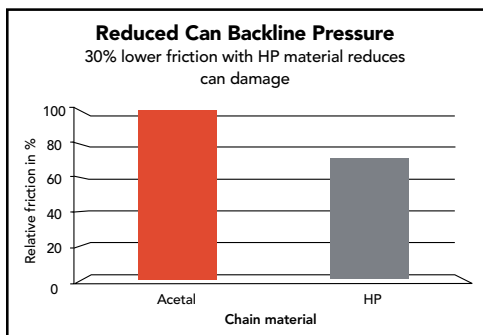
Energy



Material Selection

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.

Can Protection

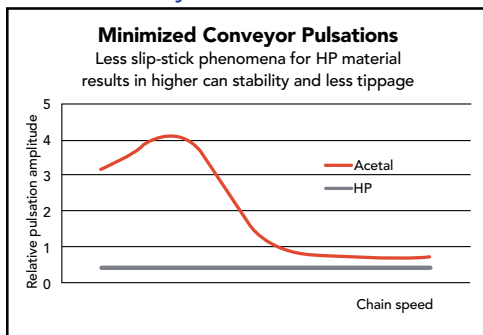


Performance Materials

Rexnord HP™ Material has the lowest coefficient of friction of any chain material in the industry. Extensive testing has proven that high-performance materials reduce power consumption of conveyors and wear up to 60% over plain acetal. Can handling is improved by minimized conveyor pulsation and lower backline pressure.

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

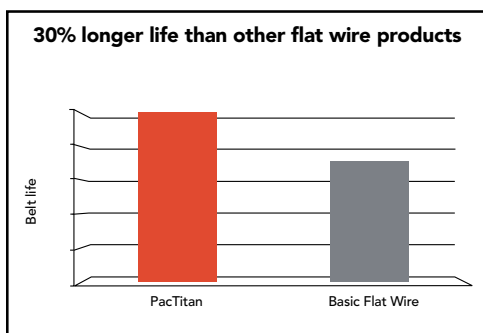
Can Stability



Special Materials

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. 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.

Belt Life



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 conveyor.

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.



Bearings

Rexnord Link-Belt®, Rex® and IIoT 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 IIoT Smart PT Select Mounted Spherical Roller Bearings provide real-time inventory availability, online bearing selection and order tracking.



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.



866-REXNORD/866-739-6673 (Within the U.S.)
414-643-2366 (Outside the U.S.)
www.rexnord.com

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.

REXNORD

Rexnord Company Overview

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.