

Power Transmission Solutions for Can Manufacturing



Improve your Inline Performance by Choosing Rexnord.

True product quality can only be proven in the field. Rexnord TableTop® and MatTop® products have a successful track record in can manufacturing applications.



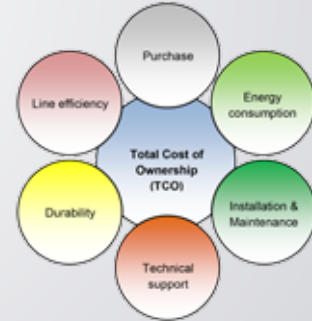
Rexnord – A Global Partner in Can Manufacturing.

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 partners. No other company can offer such diversification with an extensive selection of power transmission products essential to keeping any industrial application on the move.

Total Cost of Ownership (TCO)

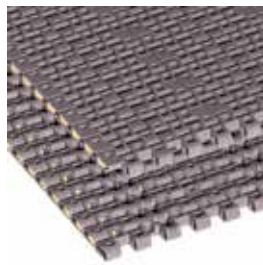
Not only does initial cost of products matter, but operating your line at minimal cost and at the highest efficiency is essential. Rexnord's high-quality standards result in remarkable reliability and longevity of our products. The design of our chains and components help to reduce unforeseen maintenance and increase the uptime of your production line.



Easy Installation and Easy Maintenance

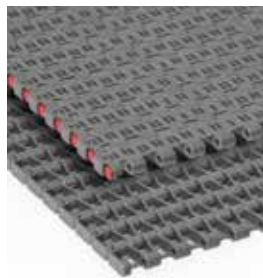
Pin Retention

All Rexnord MatTop chains are 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.



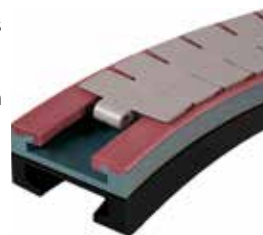
Imperial Width Sizes

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.



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.



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

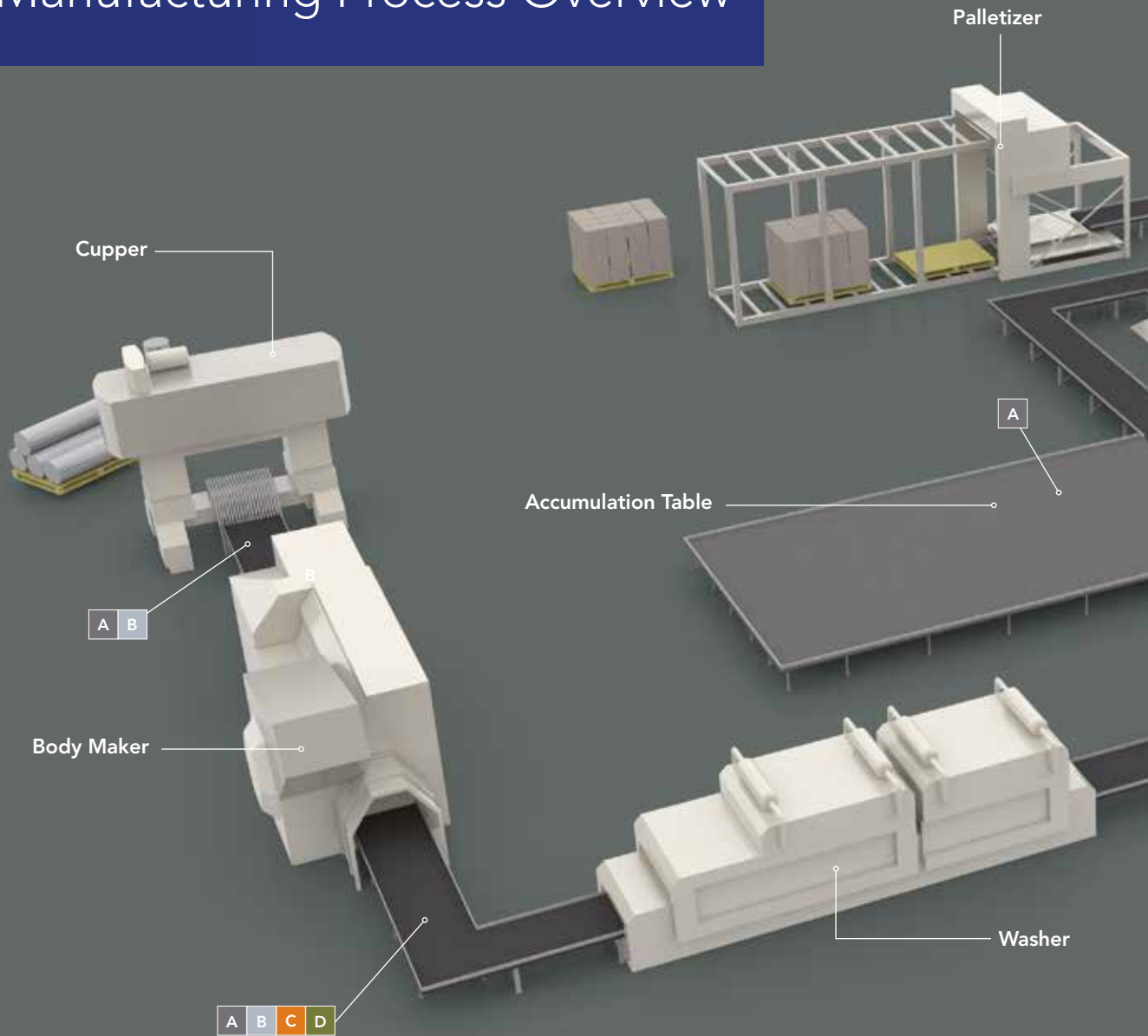
For short head-to-tail transfers, modular chains are wrapped around a small rotating shaft or nose bar. Rexnord offers complete dynamic nose-over bars with integrated bearings to minimize heat development reducing the force required to pull the chain around the bar.



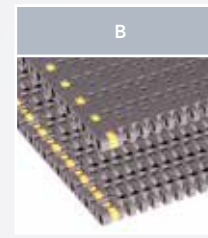
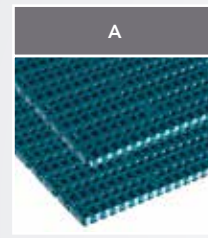
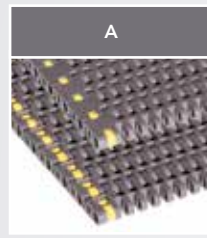
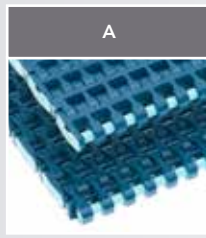
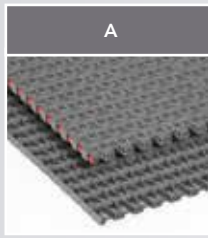
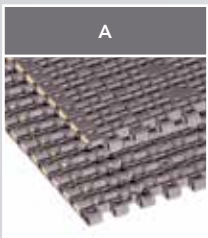
Additional Benefits

All MatTop chains are designed with flush edges to eliminate the possibility of the chain edge snagging cans or adjacent equipment. Thanks to the high-quality materials and smart design, Rexnord chains significantly reduce noise levels and energy consumption throughout your manufacturing facility.

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

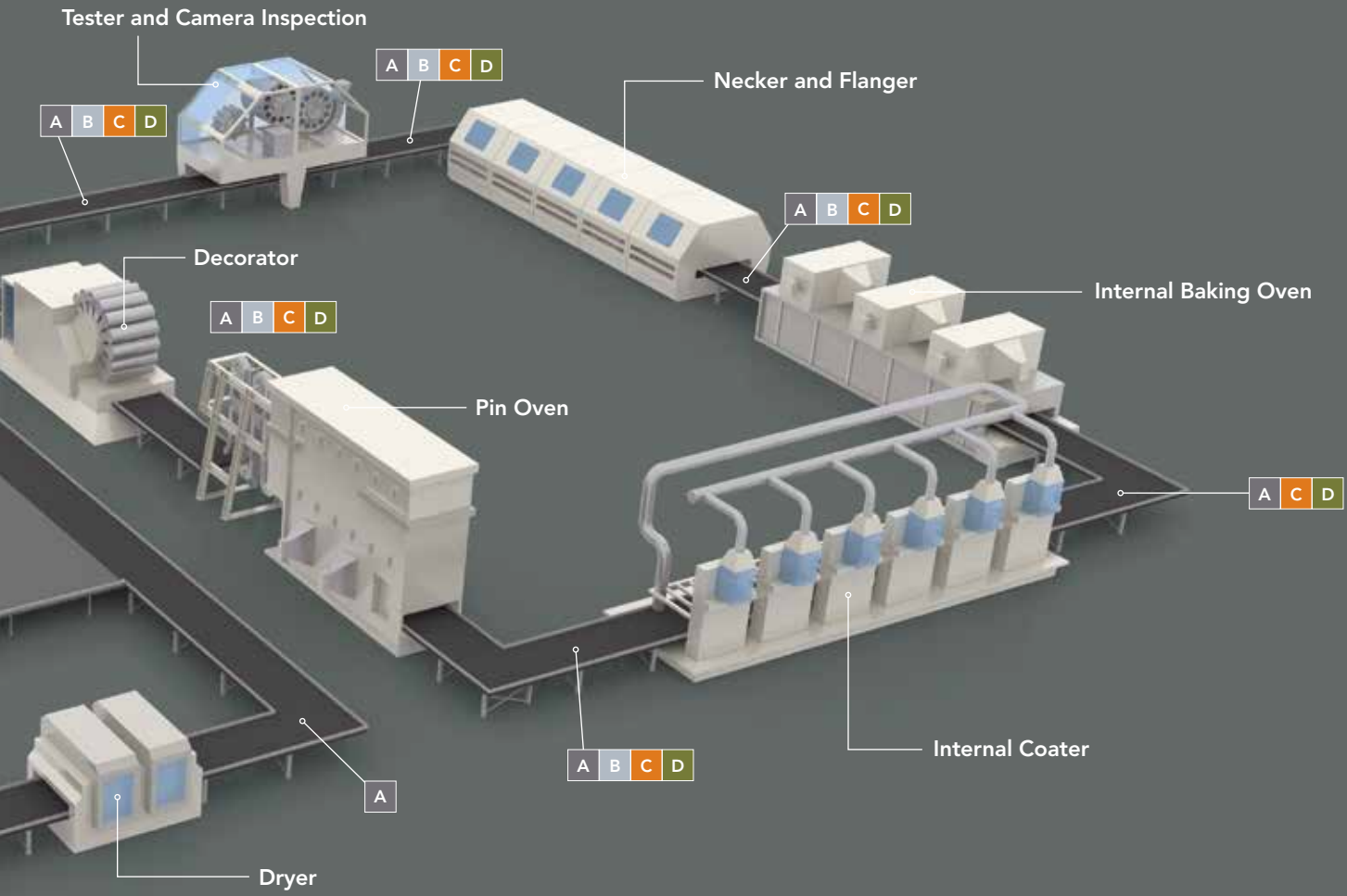
HP 5936 Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For general conveying and nose bar transfers

500 Series (Metric)
 Flush Grid
 PITCH: 0.5-inch (12.7 mm)
 HEIGHT: 0.35-inch (8.7mm)
 For general conveying and nose bar transfers

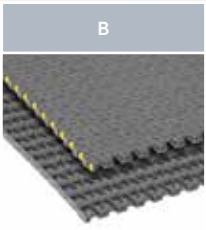
HP 8506 Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For general conveying and nose bar transfers

1000 Series (Metric)
 Flush Grid
 PITCH: 1-inch (25.4mm)
 HEIGHT: 0.35-inch (8.7mm)
 For general conveying and magnetic elevators

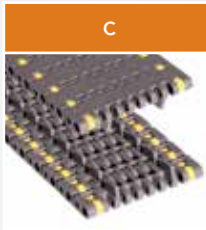
HP 8505 E Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For vacuum elevators/ lowerators



TableTop Chains



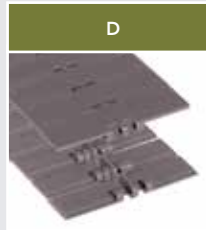
HP 5935 E Series
 PITCH: 3/4-inch (19.05mm)
 HEIGHT: 0.35-inch (8.7mm)
 For vacuum elevators/
 lowerators



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



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



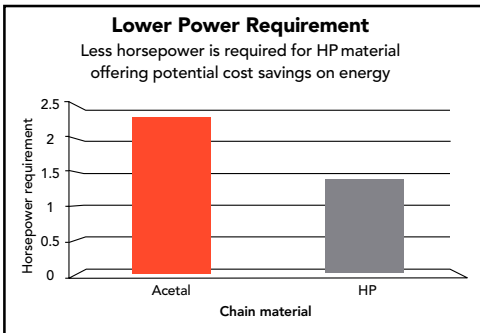
HP 820 Series
 PITCH: 1.5-inch (38.1mm)
 THICKNESS: 0.15-inch
 (4.0mm) For high-speed
 single file vacuum conveyors



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.

Engineered Performance and Reliability.

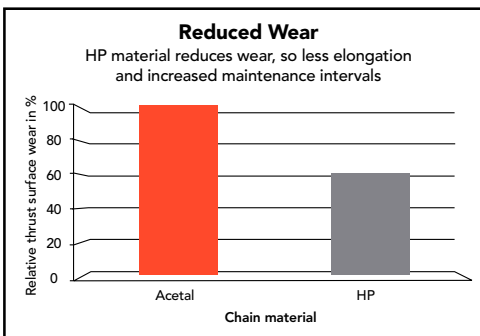
Energy



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.

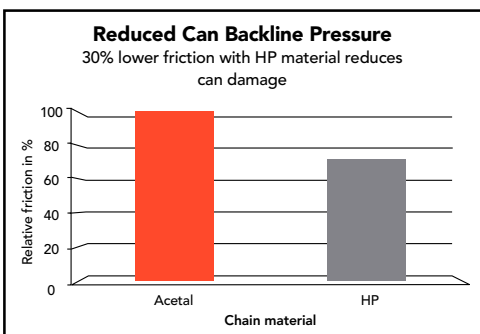
Wear



HP Material

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.

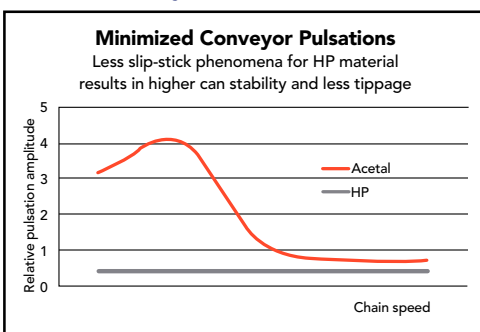
Can Protection



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.

Can Stability



Additional Rexnord Can Manufacturing Solutions.

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. Product features include:

- Random or single position reset options
- Automatic or manual re-engagement
- Corrosion resistant finish options for wash-down or harsh working environments
- Fits with standard couplings and drive media
- Wide range of supported applications and torque settings
- C-to-C design option for increased flexibility

Conveyor Components



Engineered to perform in high-speed and sanitary applications, Marbett® 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.

Chain Guide Components

- Wearstrips
- Corner tracks
- Return rollers

Frame Support and Leveling Components

- Support bases
- Articulated and fixed feet
- Connecting joints

Product Handling Components

- Guide rails
- Roller guides
- Clamps and brackets

Specialty Components

- Modular roller transfer plates
- Return rollers
- Shaft collars

Couplings



Rexnord provides a full portfolio of technology leading, non-lubricated coupling solutions to meet your specific application need. Omega™ and Wrapflex® elastomeric couplings reduce downtime and maintenance while extending the life of connected equipment. Additional product features include:

- Hub and shoe stainless steel option for washdown capability
- Replace-in-place design, eliminating need to remove driving or driven equipment
- Excellent vibration dampening capability
- High-misalignment capability

Contact Rexnord today to learn about our can manufacturing solutions that can help you increase uptime, productivity and profit.
866-REXNORD/866-739-6673 (Within the US) or 414-643-2366 (Outside the US) 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 Corporation

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 and Motion Control

The Rexnord Process and 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.

REXNORD