Industry Solutions for Power Transmission Applications

Industry Solutions Overview
Right where you need us.
Find Rexnord solutions around the globe.
Rexnord keeps your world moving.

From specification and installation to field monitoring and service, Rexnord helps maximize your uptime, productivity and profit. Keep your business moving with our high-quality, mission-critical products.

**Industry expertise.**
Work with a true partner who understands your applications, specifies the right equipment and adds value at every step. Rexnord has kept the world moving for more than a century. Operators, equipment manufacturers and consulting engineers in a wide range of industries turn to Rexnord for their power transmission solutions.

**Rexnord is with you every step of the way.**
From specification and installation to testing, monitoring, repair and overhauls, Rexnord provides outstanding lead times and customer service. Count on our superior product quality, on-the-spot field service and industry-leading technical support to prevent costly maintenance, repairs and shutdowns, maximizing your return over the product’s total lifecycle. With global sales and service operations, and a vast network of distributor relationships, we deliver exactly what you need, where and when you need it.

**Rexnord products, Rexnord reliability.**
Rexnord is a leading manufacturer of critical system components that perform under the most rigorous demands. Our broad portfolio includes gear drives, brakes, torque limiters, conveyor chain and components, bearings and couplings. With safety in mind, our products are engineered to meet cost and performance criteria to ensure the most efficient solution for specific applications.
Rexnord Products for Mining

Rexnord has high-quality products to help keep your coal, copper, potash, hardrock or oil sands operation producing. Supporting virtually every phase of the mining process, Rexnord products are designed to withstand your most rigorous demands. For more than a century, mine operators, equipment manufacturers and consulting engineers have turned to Rexnord for their trusted power transmission solutions.

**Falk V-Class & A-Plus Gear Drives**
Engineered from rugged and reliable components to drive your extreme coal, copper and potash mining applications

**Rex & Link-Belt Roller & Ball Bearings**
Superior sealing and shaft mounting technology, and performance surfaces precision-ground, to withstand the harshest mining environments

**Falk Steelflex & Lifelign, Rexnord Omega, Viva & Wrapflex Couplings**
Full selection of grid, gear and elastomeric coupling designs to keep your entire mining operation moving

**Autogard Series 400 & 820 Torque Limiters, Falk True Hold & BSD Backstops, BSD Clutches**
Protect your equipment with instant and complete disengagement of the drive train throughout your mine. Robust and reliable clutches designed to prevent downtime caused by overload

**Link-Belt & Rex Engineered Chain, Rex Conveyor Idlers**
Provide reliable and continuous operation for specific customer applications with less manufacturing downtime

**Applications**
- Extraction
- Bulk Material Handling
- Coal Preparation
- Feeder Breakers
- Crushing/Grinding
- AG/SAG & Ball Mills
- Slurry Pumps
Rexnord Products for Automotive

Rexnord continuously develops and introduces new products that meet the specialized demands of the automotive industry. Rexnord Conveying Chain and Components, Couplings, Torque Limiters and Bearings, are used throughout the world in a wide variety of automotive applications.

Conveying Chain & Components

6990 Series Hybrid MatTop® Chain for multiple automotive applications including conveyors up to 200 meters

3120 Series People Mover Chain offers three-inch (76.2 mm) chain pitch with robust design

Both chains are available in a variety of materials and surfaces, such as anti-static, electrostatic dissipative and flame retardant, to accommodate special automotive requirements

Autogard Series 200, 400 & 820 Torque Limiters

Series 200 for a simple, low-cost solution for applications up to 2,000 RPM

Series 400 for applications up to 3,600 RPM and offers bores up to 10 inches (254 mm)

Series 820 for unlimited bore sizes and nearly unlimited torque capacity for high-torque applications

BSD Irreversible Locks

Ensure precise positioning and smooth operation of machine parts in assembly lines

Modulflex, Thomas XTSR, Omega, Viva & BSD Koniclamp Couplings

Broad selection of couplings that require low maintenance, have minimal wear, and are quick and easy to install

Rex & Link-Belt Roller & Ball Bearings

Superior sealing and shaft mounting technology, and performance surfaces precision-ground, to withstand abrasive processes

RexCarbon Roller Chain

High-technology, thermoplastic sliding sleeves require no lubrication and provide a maintenance-free life. Ideal for use in all areas where regular maintenance is difficult

Applications

Steel Pressing
Welding Lines
Car Body Assembling
Assembly Line Conveyors
Painting & Drying
Finish Assembly
Inspection & Testing
People Movers
Food Industry Overview

Food safety is a priority at Rexnord. Whether moving raw food ingredients, containerized food or boxed packaging, Rexnord solutions handle your product safely and efficiently. Our broad portfolio includes products that are compliant with industry food contact regulations and are engineered to resist moisture, dust and contaminants. Cleaner equipment results in reduced maintenance and lower costs for you.

Additionally, Rexnord products are available in washdown-capable materials that improve inspection efficiency, corrosion resistance and overall hygiene. Find Rexnord products in many applications throughout the food industry, including bakery; meat, poultry and seafood processing; fruit and vegetable processing; and snack foods.

Beverage Industry Overview

From global soft drink mega-brands to regional breweries, beverage companies of all types and sizes trust Rexnord to design and supply solutions with the highest levels of reliability, quality and durability to meet the needs at all stages of beverage production, including container manufacturing, primary packaging and secondary packaging.

For the past 20 years, Rexnord has been helping companies implement run dry solutions at their facilities to help reduce water and energy usage. Facilities that have applied these strategies have seen a drastic reduction in water consumption and lubrication, resulting in significant cost savings and improved safety, while maintaining optimal productivity levels.
Rexnord Products for Food and Beverage

MatTop & TableTop Conveying Chain
Industry's broadest range of innovative chains and sprockets that meet the speed, friction and wear requirements of virtually any application

Rexnord Conveying Components
Wide range of components, including wear strips, corner tracks, return rollers, guide rails, frame supports and more, engineered to perform in high-speed and high-sanitation applications

Roller Upgrade System (RUS)
Eliminates maintenance and operational costs, increases safety and reduces noise levels, spare parts and unplanned downtime

Link-Belt Klean-Gard Ball Bearings
Corrosion-resistant, stainless steel inserts make these bearings the ideal solution for maximizing uptime in washdown applications

Falk Ultramite Helical Reducers & Omnibox Helical Worm Gears & Rexnord Planetgear 7000 Speed Reducer
Ideal for small to large applications, including conveyors, pumps, mixers, homogenizers, pasteurizers, warmers, coolers and cookers

Omega, Viva & Wrapflex Elastomeric Couplings
Full portfolio of non-lubricated couplings that reduce downtime and maintenance while extending life of connected equipment

BSD Series 3901 & Autogard Series 200, 320, 400 & 820 Torque Limiters
Protect your equipment in the most challenging environments with instant and complete disengagement of the drive train

Rex & Link-Belt Roller & Engineered Chain
Suit the most demanding operational conditions in a wide array of applications and feature improved fatigue strength
Rexnord Products for Energy

Downtime. It’s the last word you can afford to hear when you work in the energy industry. No company understands that better than Rexnord. Engineered to withstand challenging environments, Rexnord power transmission products provide a solution for all compressor and pump applications required to handle and process natural gas and the resulting byproducts. Count on Rexnord for your energy needs.

Falk V-Class & A-Plus Gear Drives
Offer reliability, low-maintenance costs, maximized uptime and the latest technology to drive demanding applications

Rex & Link-Belt Roller & Ball Bearings
Superior sealing and shaft mounting technology and performance surfaces precision-ground, withstand the harshest environments

Falk Steelflex, Lifelign & True Torque, Thomas, Addax, Omega & Viva Couplings
Complete portfolio for diverse power generation applications, including coal preparation, material handling, cooling towers and gas compression

Autogard Series 320, 400 & 820 Torque Limiters & Falk True Hold Backstop
Protect your equipment in the most challenging environments with instant and complete disengagement of the drive train

Link-Belt & Rex Engineered Chain, Rex Conveyor Idlers
Provide reliable and continuous operation for specific customer applications with less manufacturing downtime

Applications
- Bulk Material Handling
- Fluid Handling
- Flue Gas Desulphurization
- Induced Draft Cooling
- Drilling
- Compression Pumps
Rexnord Products for Marine

Nowhere is equipment durability more crucial to a company’s survival than on the world’s waterways where crews and schedules depend on reliable power. From couplings and clutches to gear drives and torque limiters, Rexnord has the most reliable solution for you.

**BSD Modulflex Couplings, BSD Koniclamp Clamping Hubs, Falk Lifelign & Rexnord Omega Couplings**

A variety of long-lasting and maintenance-free couplings and hubs for a multitude of on-board applications

**BSD Dry & Wet Clutches**

Offer modular design (according to EN 10204 3.2), increasing maneuverability and safety on board; also available as wet clutch integrated in the gear

**Falk Marine Gear Drives**

Heavy-duty gear drives provide reliability, long life, smooth engagement and powerful performance

**Autogard Series 400 Torque Limiters**

Handles higher speed applications up to 3,600 RPM and offers up to 500,000 (lb-in) torque capacity

### Applications

- Conveyors
- Unloaders
- Forging
- Ship Main Drives
- Thruster Drives
- Winches
- Drilling
- Compression
- Pumps
- PTO/PTI Main Propulsion Drives
For your abrasive cement and aggregate applications, rely on Rexnord for trusted knowledge, expertise and high-quality products. Rexnord Gear Sets and Gearboxes help drive kilns, ball mills, elevators and crushers, while our bucket elevators, apron conveyors, engineered chain and couplings keeps your materials moving. Customers count on Rexnord products for their superior engineering and dependability in the harshest of environments.

**Falk V-Class & Falk Quadrive Gears**
Engineered with reliable components for longer life and maximum load-carrying capacity

**Rex & Link-Belt Roller & Ball Bearings**
Superior sealing and shaft mounting technology, and performance surfaces precision-ground withstand abrasive processes

**Falk Wrapflex Elastomeric, Steelflex Grid and Fluid Couplings**
Non-lubricated and lubricated coupling designs for reduced inventory, maintenance and downtime costs

**Autogard Series 400 & 820 Torque Limiters, Falk True Hold & BSD Backstops, BSD Clutches**
Protect your equipment with instant and complete disengagement of the drive train. Robust and reliable clutches designed to prevent downtime caused by overload

**Link-Belt & Rex Engineered Chain, Rex Conveyor Idlers**
Provide reliable and continuous operation for specific customer applications with less manufacturing downtime

**Applications**

- Separators
- Crushers
- Conveyors
- Feeders
- Pumps
- Molding Machines
- Dust Hoppers
- Washing
Additional Industry Solutions

**Pulp & Paper**
Turn to Rexnord for your pulp and paper applications, whether your need is a material handling, vacuum pump, paper machine or mixing application, we have the solution for you. Choose from bearings, couplings, gear drives, engineered chain and torque limiters.

**Metal Processing**
For a multitude of steel and aluminum mill applications, including galvanizing lines, oven furnaces, fans and blowers, and roller applications, invest in durable Planetgear™ Speed Reducers, Rex® and Link-Belt® Roller Bearings, and a wide variety of flexible couplings and torque limiters.

**Forest Products**
Saw mill machine centers depend on Rexnord Planetgear 7000 Speed Reducers and Rex Roller Bearings for their material handling needs. Additional Rexnord solutions for the forest product industry include industrial chain, torque limiters and a wide variety of couplings.

**Warehouse & Distribution**
Link-Belt Ball Bearings, FlatTop Conveying Chain and Components, and Omnibox® and Ultramite® Gear Drives are ideal for a variety of warehouse and distribution conveying applications, including package handling, consumer and industrial products, wholesale food, and more.

**Agri-farm**
Agriculture production facility equipment, such as feed mills, grain elevators and extractors, and food dewatering and elevating processes, rely on Falk V-Class™ Gear Drives and Quadrive® Reducers. OEMs trust Link-Belt Ball Bearings for use in a variety of equipment, such as hay balers.

**Wastewater Treatment**
Rexnord exceeds customer expectations in the wastewater treatment industry, offering a comprehensive product line. Ideal products include Planetgear Speed Reducers, Ultramite and UltraMax® Gear Drives, SHURLOK® Bearings, Autogard® Series WT Torque Limiters, and a variety of flexible couplings and conveying equipment.

Contact Rexnord today to learn about our solutions that can help you increase uptime, productivity and profit. 866-REXNORD/866-739-6673 (Within the U.S.) or +1 414-643-2366 (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 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 and 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.