

Power Transmission Products & Solutions for Coal Mining



Choose Rexnord to help you deliver tomorrow's coal today.

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





Mining expertise.

Work with a true partner who understands your applications, specifies the right equipment and adds value at every step. Rexnord has kept materials moving through mining operations for more than a century. Whether in an underground mine, surface mine, or coal preparation plant – mine operators, equipment manufacturers and consulting engineers turn to Rexnord for their power transmission solutions.

Rexnord is with you every step of the way.

From purchase 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 sales and service operations in mining regions worldwide, and a vast network of distributor relationships, we deliver exactly what you need, when you need it.

Rexnord products, Rexnord reliability.

Rexnord is a leading manufacturer of critical system components that perform under the most rigorous demands in your coal mining applications, including gear drives, bearings, chain 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.

Right where you need us.

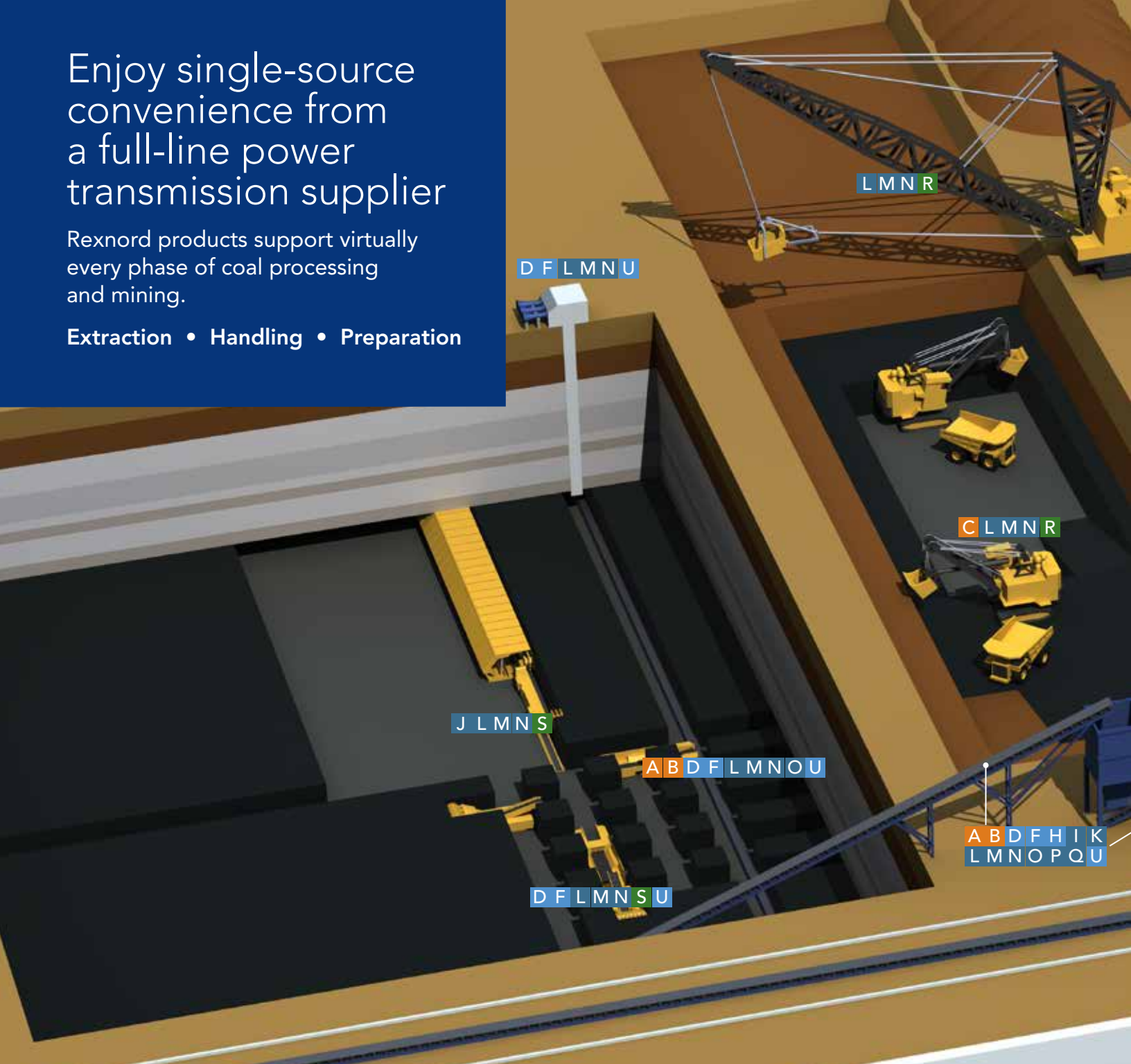
Find Rexnord solutions around the globe.

- Canada
- United States
- Mexico
- Brazil
- Chile
- Peru
- Europe
- Eastern Australia
- Western Australia
- China

Enjoy single-source convenience from a full-line power transmission supplier

Rexnord products support virtually every phase of coal processing and mining.

Extraction • Handling • Preparation



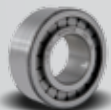
Bearings



A Rexnord® SAF-Style Bearings



B Rexnord SHURLOK® Adapter Mount Spherical Roller Bearings



C Rexnord Cylindrical and Spherical Roller Bearings

Gear Drives



D Falk V-Class™ Gear Drives



E Falk® Quadrive® Shaft-Mounted Gear Drives



F Falk A-Plus® Gear Drives



G Falk Ultramite® Gearmotors



H Rexnord Planetgear™ Gear Drives

Brakes & Torque Limiting Devices



I Stearns® Motor Mounted Brakes



J Autogard® Torque Limiters



K Falk True Hold® Backstops



A B D E F I K
L M N O P Q T U

C E G L N P Q S U

A B D E F I K
L M N O P Q T U

A B D L N P Q U

D J L M N P Q U

A B D E F I K
L M N O P Q T U

Couplings



L Falk Steelflex® Grid Couplings



O Falk True Torque® Fluid Couplings



M Falk Lifelign® Gear Couplings



P Rexnord Omega® & Viva® Elastomeric Couplings



N Falk Orange Peel® Rotating Shaft Guards



Q Falk Wrapflex® Elastomeric Couplings

Industrial Chains



R Link-Belt® & Rex® Roller Chain



S Link-Belt & Rex Engineered Steel Chain

Idlers



T Rex Conveyor Idlers

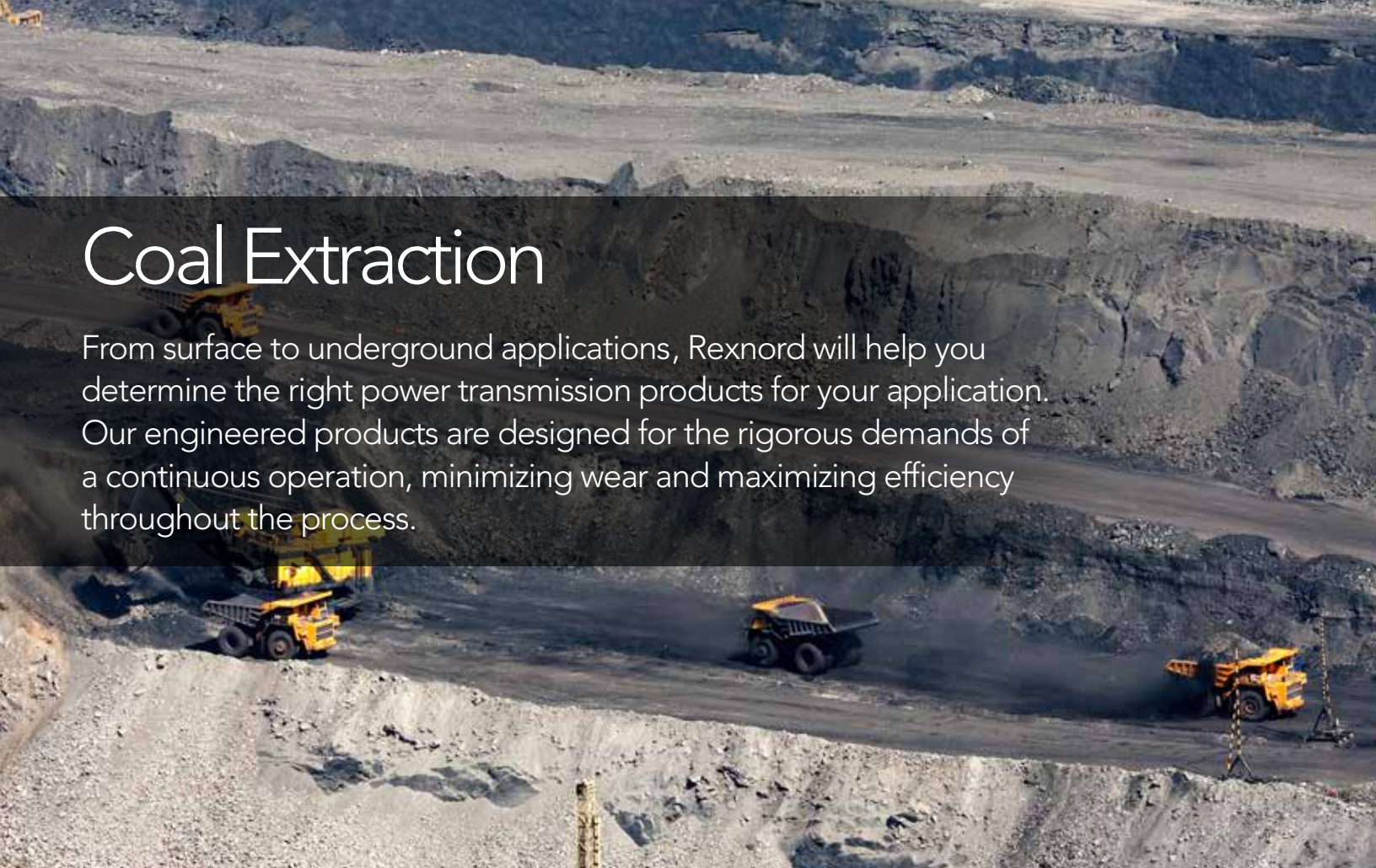
Services



U Falk Renew® Rebuild and Asset Management Services

Coal Extraction

From surface to underground applications, Rexnord will help you determine the right power transmission products for your application. Our engineered products are designed for the rigorous demands of a continuous operation, minimizing wear and maximizing efficiency throughout the process.



Keeping your mines operating.

The one real measurement in a coal mine is how many tons of coal are mined each day. Our coal mining industry experts understand this too. At the end of the day, it is our expertise and the reliability of our products that help keep your operation running efficiently, and producing the most tons of coal possible each day.

Surface to underground: decades of experience.

Whether you operate a surface mine in Wyoming or a longwall mine in China, chances are Rexnord products have helped you extract coal from the earth. From the swing rack on your electric shovel, to the quiet workhorse gear drive that supplies the right amount of torque into your feeder breaker, to the critical link of the coupling that transfers the power from the motor to your mining machines, to the engineered chain that keeps the coal moving, Rexnord has the product solution for your application.

Here is a list of Rexnord products at work extracting tomorrow's coal today:

Gear Drives

Falk V-Class Gear Drives
Falk A-Plus Gear Drives
Rexnord Planetgear Gear Drives

Torque Limiting Devices

Autogard Torque Limiters

Industrial Chain

Link-Belt and Rex Engineered Steel Chain
Link-Belt and Rex Roller Chain

Bearings

Rexnord SAF-Style Bearings
Rexnord SHURLOK Adapter Mount Spherical Roller Bearings
Rexnord Cylindrical and Spherical Roller Bearings

Couplings

Falk Steelflex Grid Couplings
Falk Lifelign Gear Couplings
Rexnord Omega and Viva Elastomeric Couplings
Falk Wrapflex Elastomeric Couplings
Falk Orange Peel Rotating Shaft Guards

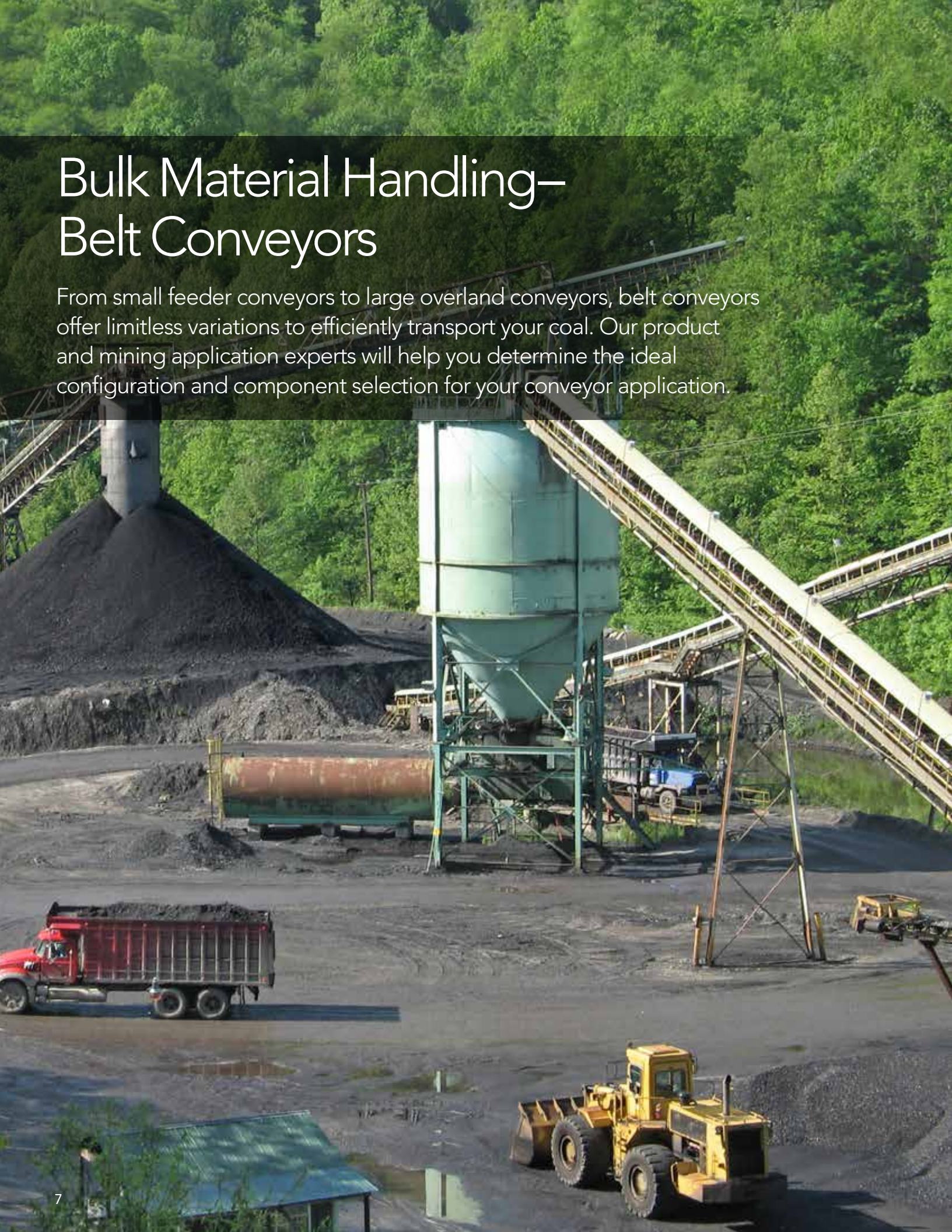
Industrial chain – Consistently tough.

Rexnord manufactures engineered and roller chain to exacting standards, for the toughest applications. All of the critical components are designed and manufactured to match your material handling requirements. You can count on Rexnord engineered chain solutions to operate dependably for years to come.



Bulk Material Handling— Belt Conveyors

From small feeder conveyors to large overland conveyors, belt conveyors offer limitless variations to efficiently transport your coal. Our product and mining application experts will help you determine the ideal configuration and component selection for your conveyor application.



From the beginning to the end ... Rexnord will be there.

Since 1905, when the first underground conveyor belt was used to transport coal, Rexnord has been there. Our company experience spans more than a century and we strive each day to make your bulk material handling applications more efficient. After more than 100,000 engineering design hours, we introduced the Falk V-Class, the most dependable gear drive ever built. This is just one example of how Rexnord continues its commitment to providing customers with the drives they need to succeed.

We keep your coal moving.

Belt conveyors are used every day to transport millions of tons of coal around the world, and Rexnord power transmission solutions are helping move that material.

The right solution to meet your application needs.

Belt conveyors offer limitless variations to efficiently transport your coal. Few organizations have the breadth of product solutions backed by industry knowledge that Rexnord supplies. Tens of thousands of those solutions are at work right now conveying coal. From the quiet workhorse gear drive that keeps the conveyor moving at precise speeds, to the critical link of the coupling that transfers the power from the motor to the gearbox, to our reliable bearings that keep the conveyors rolling, Rexnord has the product solution for your application.

Here is a list of Rexnord products at work conveying tomorrow's coal today:

Gear Drives

Falk V-Class Gear Drives
Falk A-Plus Gear Drives
Falk Quadrive Shaft-Mounted Gear Drives
Rexnord Planetgear Gear Drives

Torque Limiting Devices

Falk True Hold Backstops

Industrial Chain

Link-Belt and Rex Roller Chain

Idlers

Rex Conveyor Idlers

Bearings

Rexnord SAF-Style Bearings
Rexnord SHURLOK Adapter Mount Spherical Roller Bearings
Rexnord Cylindrical and Spherical Roller Bearings

Couplings

Falk Steelflex Grid Couplings
Falk Lifelign Gear Couplings
Rexnord Omega and Viva Elastomeric Couplings
Falk Wrapflex Elastomeric Couplings
Falk True Torque Fluid Couplings
Falk Orange Peel Rotating Shaft Guards

Gear drives – Keep you in motion.

Rexnord gear drives feature super-rugged designs to meet every operating challenge. Application-engineered to minimize stress and wear, and to extend service life, these drives deliver steady, trouble-free operation, day after day. Whether your application needs a Falk V-Class gear drive for an underground mainline conveyor, a Falk Quadrive shaft-mounted gear drive for a small stacking conveyor, a Falk Ultramite gearmotor for a flotation cell, or a Falk V-Class gear drive for a feeder breaker, Rexnord has the gear drive product to meet your application needs.



Coal Preparation

From sizing to dense media separation to flotation, Rexnord has the product to meet your power transmission application.



Rexnord – Helping provide a cleaner coal.

Coal preparation may be necessary to upgrade mined coal to meet the market demand for a cleaner product. It does not matter if you mine coal for a steel mill in China or a coal-fired power plant in Virginia, Rexnord is helping you provide a cleaner coal product. From the gearmotor that supplies the mixing power in your flotation cells, to the critical link of the coupling that transfers the power from the motor to your slurry pumps, to the engineered chain that keeps the coal moving in your dense media vessels, Rexnord has the product solution for your application.

Here is a list of Rexnord products at work cleaning tomorrow's coal today:

Gear Drives

Falk Ultramite Gearmotors
Falk Quadrive Shaft-Mounted Gear Drives

Bearings

Rexnord SAF-Style Bearings
Rexnord SHURLOK Adapter Mount Spherical Roller Bearings

Industrial Chain

Link-Belt and Rex Engineered Steel Chain

Couplings

Falk Steelflex Grid Couplings
Falk Lifelign Gear Couplings
Rexnord Omega and Viva Elastomeric Couplings
Falk Wrapflex Elastomeric Couplings
Falk Orange Peel Rotating Shaft Guards

Bearings – Uptime is everything.

For 100 years Rexnord bearings have been built to survive the toughest applications in the harshest environments. Our bearings feature superior sealing and shaft mounting technology and performance surfaces precision-ground, as well as high thrust and radial load capacities.



Couplings – The critical link.

A critical link between motor and machine in a power transmission solution is the coupling, and Rexnord understands that perfectly. We have history a of innovation that dates back to 1919, and is built on an installed base across countless industries with worldwide reach. The broad array of Rexnord coupling designs enables a deep knowledge of end-user needs that makes us keenly in tune with application details.



Contact Rexnord today to learn about our mining solutions that can help you increase uptime, productivity and profit.

866-REXNORD (toll-free) or 414-643-2366

www.rexnord.com



866-REXNORD/866-739-6673 (Within the US)
+1 414-643-2366 (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

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.