

**Rex**® *Idlers*

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# Conveyor Idlers

Problem Solvers

# Solutions

# If you're dealing with problems like these, you need solutions provided by Rex Conveyor Idlers and Components



- **Abrasion Resistance**



- **Material Buildup**



- **Loading Impact**



- **Frame and Roll Corrosion**



## Abrasion Resistance

Let Rexnord provide a problem solver for that abrasive application in your plant. We've got the right roll material to protect your belt investment and keep you running.

*Polyethylene rolls resist abrasion, minimize belt damage and material buildup even in a prolonged stall.*

Roll Material	Wear Ratio	Price Comparison
8 Gauge Steel	1	1.0
1/4" Steel	1.71	1.1
Rubber Coated*	4-8	1.4
Urethane Coated*	6-10	1.6
Ceramic Coated	10+	2.0

Comparison based upon 42" C6 product.  
Contact a local authorized Rex supplier for a quotation.

\*Limit temperatures to 200°F



*Ceramic rolls are great for conveying high silica sand, clinker and cullet.*

# Loading Impact

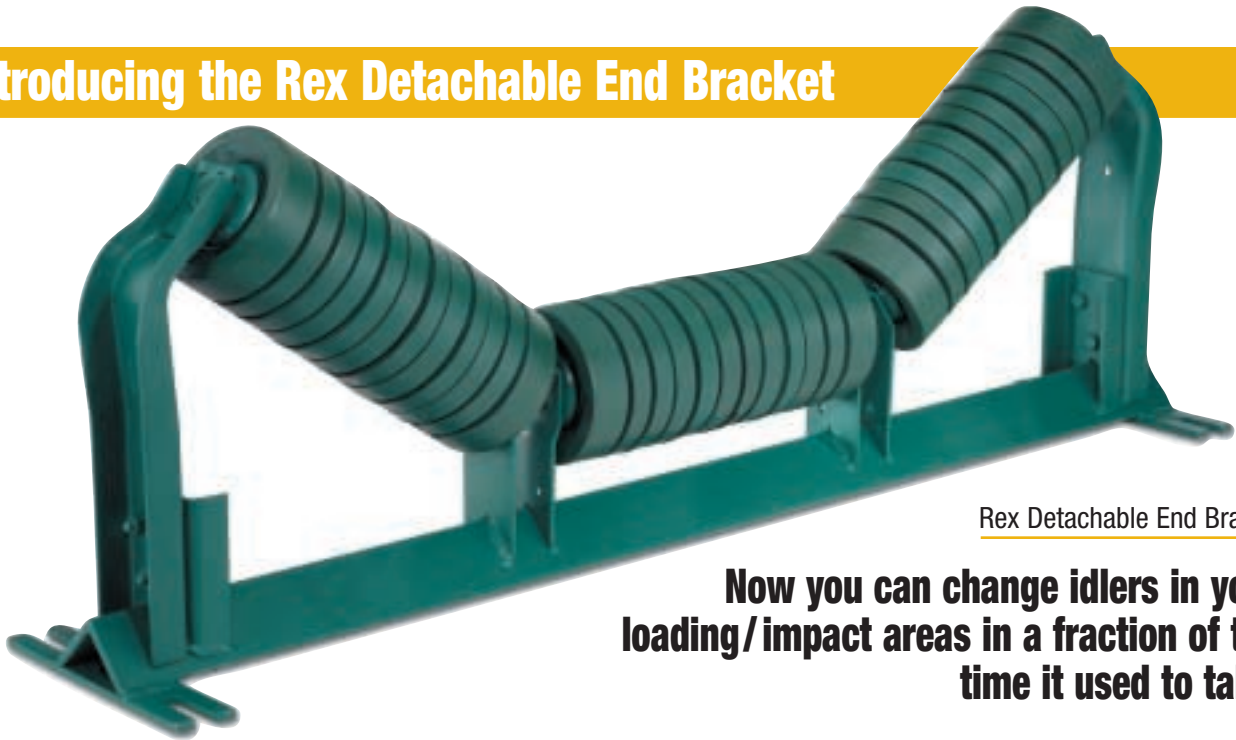
Why keep digging out that loading/impact area? Install a Rex problem solver and you can put those idlers as close as you need to without worrying about a long and costly replacement process. Install A Rex DETACHABLE END BRACKET idler and should your loading/impact area ever require any maintenance all you have to do is:



- **Remove a few bolts**
- **Drop the detachable bracket**
- **Slide the frame from underneath the skirt board**

After you've taken care of the problem, reverse the process and you are quickly up and running again!

## Introducing the Rex Detachable End Bracket



Rex Detachable End Bracket

**Now you can change idlers in your loading/impact areas in a fraction of the time it used to take.**



Inadequate belt support results in product spillage and lost production.



Install your Rex Detachable Idlers just like these and remove only the idlers required to perform routine maintenance.



## Material Build-Up

Build-up can cause severe training problems and costly damage to your conveyor belt and framework. Keep your belt clean and free of material build-up with a Rexnord problem solver for those wet/sticky areas in your plant.

### Good

Rex Idlers feature the patented "G" seal. This five-pass passage labyrinth seal comes standard on all CEMA C/D products. Add the field proven through-greasing lubrication system and you'll have long, trouble free service.



### Better

Disc returns combat wet, sticky material build-up. Rexnord has the right disc material for your application. Rexnord will combine that material with the patented "G" seal and lubrication option for exceptional life in your application.



### Best

If your problem application is a single direction conveyor, the Rex SPIRAL provides an ever-changing point of contact resulting in scrubbing action and clean, trouble-free conveying. Place 4-5 SPIRALS in sequence after the head pulley and minimize material carry back.



# Frame Corrosion

Premature frame failure attributed to high/low pH materials or applications subjected to intermittent moisture can be solved. Let Rexnord supply the right problem solver for those tough applications. Galvanizing extends frame life for applications with slight pH problems, but for those extremely tough applications install frames treated with Rex Right-Coat®; a six-stage zinc phosphate wash with a de-ionized rinse, coupled with a Cathodic Epoxy Electro-coat and then baked at 425°F.



The resulting finish provides:

- **Superior corrosion protection**
- **Resistance to chipping**
- **Excellent adherence and complete coverage**

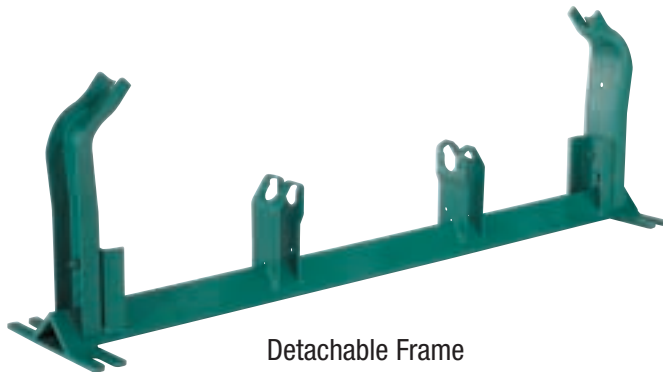
Mate the Right-Coat® frame with the appropriate roll coating for the ultimate in belt protection.



Painted Steel Frame-Standard



Steel Galvanized Frame  
-Mildly Corrosive



Detachable Frame



Steel Right Coated Frame  
-Extreme Corrosion

# Roll Corrosion

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Right Coated Frame with Urethane Covered Rolls

If you experience premature roll failure because of high/low pH materials, Rexnord has a roll just for you. Depending on the material conveyed you may select the following materials to handle your corrosive application:

- **Rubber – Rubber Covered**
- **Urethane**
- **Polyethylene**
- **Ceramic**

For extremely severe applications plated hardware is also an option.



Urethane Covered



Impact Rolls



Polyethylene Roll



Ceramic Roll

# Rexnord Has The Solution To Your Material Handling Problems

## **Rex** Power Transmission Solutions

### Bearings

- Self-aligning, solid housed roller bearings, standard and Type E
- Takeup bearings and screw takeup frames

### Couplings

- Soft-start magnetic (MagneLink™)
- Elastomeric (Omega™, Viva™)



## **Link-Belt** Power Transmission Solutions

### Bearings

- Self-aligning, solid housed roller bearings, standard and Type E
- Takeup bearings and screw takeup frames
- Split housed spherical roller bearings with LER, Pentx and D8 taconite seals

### Speed Reducers

- Shaft mounted (FX Series)

## On-Site Assistance

Let Rexnord add value to your work force by hosting an on-site training session in your plant. Contact your local sales specialist to set up a meeting. Whether you require product selection, identification or training, our specialists are only a phone call away. Equipped with the tools to do the job, we are ready and able to tailor a session just for you!



We'll come to your location with our "mobile classroom" to help you with a customized selection, identification and training program.

## World Class Customer Service

For over 100 years the dedicated people of Rexnord have delivered excellence in quality and service to our customers around the globe. Rexnord is a trusted name when it comes to providing skillfully engineered products that improve productivity and efficiency for industrial applications worldwide. We are committed to exceeding customer expectations in every area of our business: product design, application engineering, operations and customer service.

Because of our customer focus, we are able to more thoroughly understand the needs of your business and have the resources available to work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment down time.

Rexnord represents the most comprehensive portfolio of power transmission and conveying components in the world with the brands you know and trust.



FLATTOP

BEARINGS

GEARED  
PRODUCTSINDUSTRIAL  
CHAIN

COUPLINGS

AEROSPACE

SPECIAL  
COMPONENTS

# The Power of Rexnord™

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