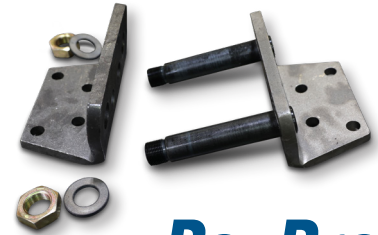




SOLUTION STORY

CEMENT PLANT COMPLETES A FASTER & SAFER BUCKET ELEVATOR CHAIN INSTALL

REXPRO™ ENGINEERED STEEL CHAIN:
A SAFER + FASTER + EASIER WAY
TO INSTALL CHAIN



RexPro™
Engineered Steel Chain

APPLICATION

Cement Plant Bucket Elevator

SOLUTION TYPE

Safety Improvement, Downtime reduction

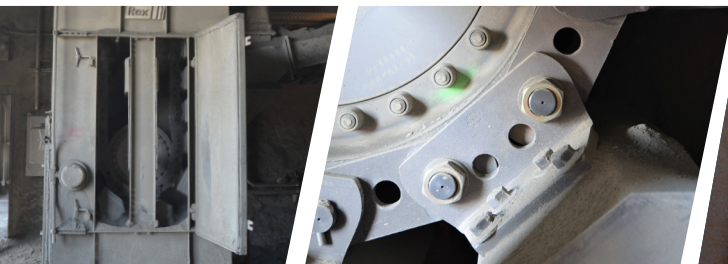
DESCRIPTION OF PROBLEM

Simply put: installing bucket elevator chain in the field can be dangerous. While many connections can be made outside the elevator, several connections, and maintenance, must be performed inside the elevator. The proper tool used today is heavy (>75lbs) and requires several people to use. It is also relatively slow, and the workers have to spend time inside the elevator which has its own set of safety risks associated (i.e. dust exposure, object drop hazard onto workers). To save time, some installers resort to "homegrown" solutions which impact chain performance and have their own risk profiles. This particular cement plant, Central Plains, had traditionally used the manufacturer-approved pin pusher method, which meant they were wielding a heavy tool to make the on-site chain connections.

THE REXPRO SOLUTION

RexPro Engineered Steel Chain, with safer, faster, and easier connection, is an improvement to the well-known, high-quality Rex® chain. The new design only requires an impact driver for installation instead of a 75lb pin pusher. This tool is 1/3 the weight (can be handled by 1 person), and enables a quicker install, meaning less in-elevator exposure time for workers.

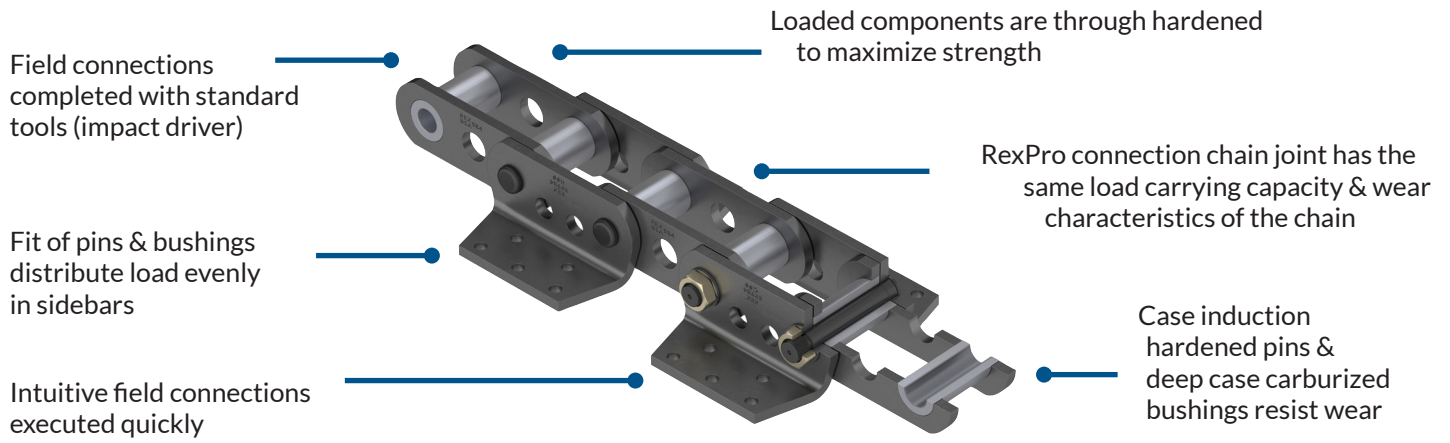
Central Plains had RexPro installed on their finished cement mill bucket elevator. They were able to complete the chain installation in just 1.5 shifts – a reduction from the usual 3-4 shifts. The installing team also noted that less people were required to install this chain, and were able to use 3 instead of the usual 4 or more. This combination of a ~50% reduction in time and 25% decrease in required personnel lowers the cost of installation and the most important benefit of all – less exposure to safety risks.



RegalRexnord™

REXPRO™ ENGINEERED STEEL CHAIN

ENGINEERED FOR STRENGTH AND DURABILITY



Reduce exposure to safety risk during maintenance | Maximize throughput + uptime | Optimize performance

“ There’s a lot of advantages to the RexPro chain, no doubt. I think one of the biggest ones is safety.”

~ ED RAJKI
PROJECT MANAGER



Rex®

Motion Control Solutions
Regal Rexnord

Customer Service: 800-626-2120

Technical Service: 800-626-2093

CustomerService.PTSolutions@regalrexnord.com

regalrexnord.com/RexPro

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale> (which may redirect to other website locations based on product family).

“Regal Rexnord” is not indicative of legal entity.

Regal Rexnord, Rex and RexPro are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2022 Regal Rexnord Corporation, All Rights Reserved. MCFS22018E • Form# 10547E

Regal Rexnord™