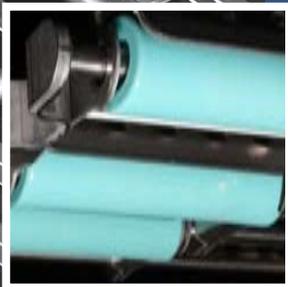


Rexnord® Fortrex™ 9200
Stainless Steel MatTop® Chain
Pasteurizers, Warmers, Coolers

REXNORD FORTREX™ CHAIN ENGINEERED FOR ENDURANCE



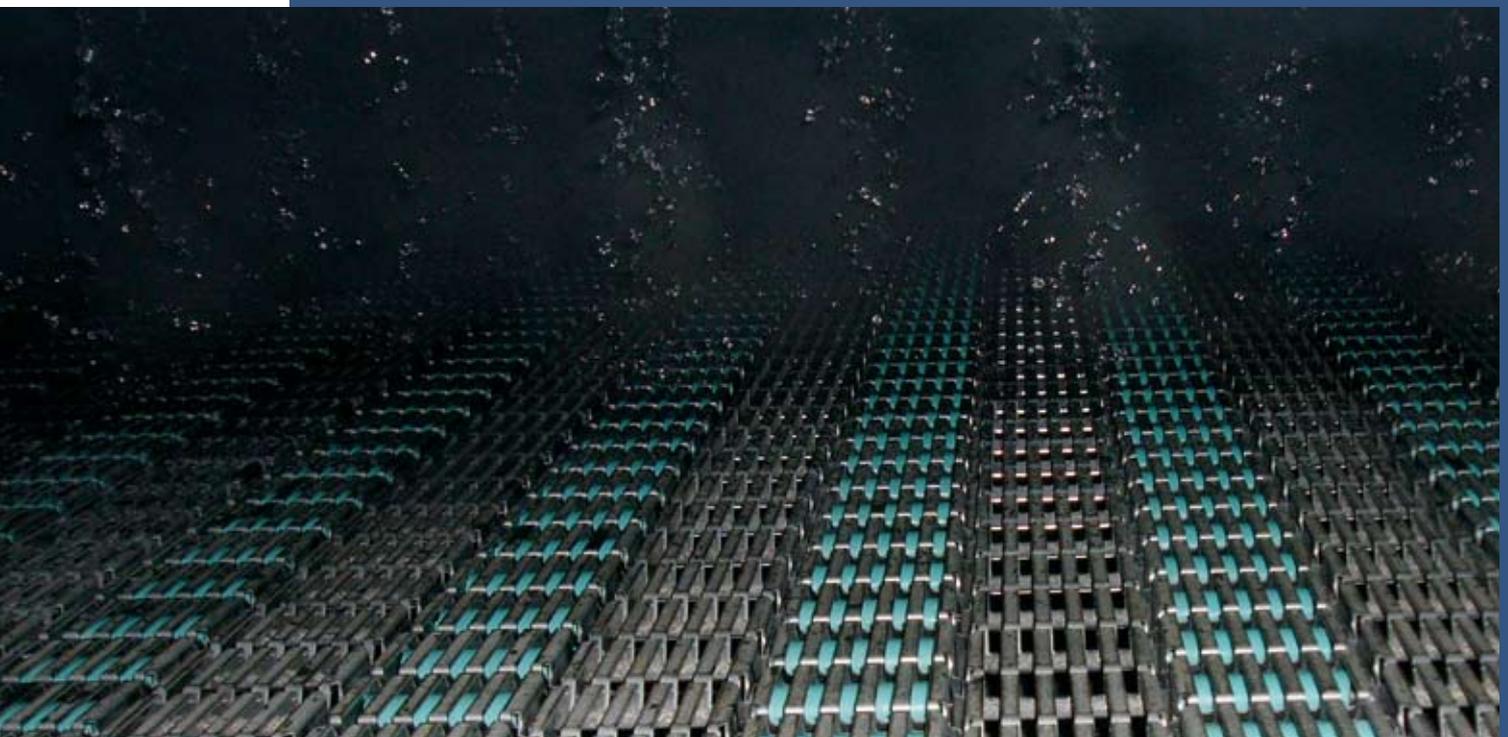
REXNORD



In pasteurization, long-lasting shelf life and chain life are critically important. To preserve the good taste and quality of beverages and foods. And, to guarantee uninterrupted productivity as containers move at precise speeds through controlled temperature zones of long pasteurizer tunnels. To achieve the industry's highest reliability, Rexnord has designed Fortrex™ Stainless Steel MatTop Chain, a breakthrough in tunnel pasteurizing conveying — engineered for endurance.

Rexnord® Breakthrough in Paste

With 70 years of chain technology experience and as the world leader in metal chain conveying, Rexnord has combined the strength and high reliability of stainless steel with the flexibility and product handling of the modular Rexnord MatTop® Chain design. The result is a breakthrough in pasteurizing productivity that guarantees higher yields, maximum product throughput, and longer conveying chain life even in the most demanding environment of tunnel pasteurization.



Highest Operational Reliability

High reliability in tunnel pasteurizing requires eliminating unscheduled downtime due to chain failure even with heavy loads, high temperatures and harsh chemicals. With Rexnord® Fortrex™ rugged stainless steel MatTop® Chain construction, there is no strength degradation or chain elongation from high temperatures and heavy loads throughout the tunnel unit life cycle. And, the steel recessed surface design is extremely resistant to broken glass, chemicals and oils.

Pasteurizing Conveying Fortrex™ Chain

Superior Product Handling

Containers and their contents must move onto, through and off the tunnel conveyor without stranding, tipping or breakage to ensure product quality and productivity. With Rexnord's DTS®-C self-clearing DynamicTransfer System™ at infeed and discharge, every product moves smoothly without interruption – including one way and returnable glass, steel and aluminum cans – so product yield is high and changeovers are quick and easy.



Rexnord® Fortrex™ 9200 raised rib stainless steel MatTop® chain design handles a wide variety of container types without tipping or breakage.

Simpler, Less Costly Design and Maintenance

The Rexnord® Fortrex™ 9200 Series MatTop® Chain incorporates new optimized mechanical features that simplify conveyor design, lower costs and reduce installation and maintenance time: carrier rollers that reduce sliding friction, simplified drive and idler shaft solutions, hold-in-place roller construction, and modular design and reusable pins for simple, quick chain assembly.



Rexnord® DTS®-C self-clearing DynamicTransfer System™ at infeed and discharge provides smooth product transfers.

Lowest Total Cost of Ownership

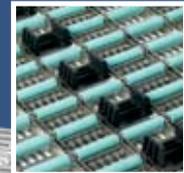
With high operational reliability, longer chain life and significantly reduced maintenance and retrofit costs, the Rexnord Fortrex™ 9200 Series MatTop Chain reduces the Total Cost of Ownership for pasteurizing conveying throughout the lifetime of the chain.

FORTREX™ Chain Engine

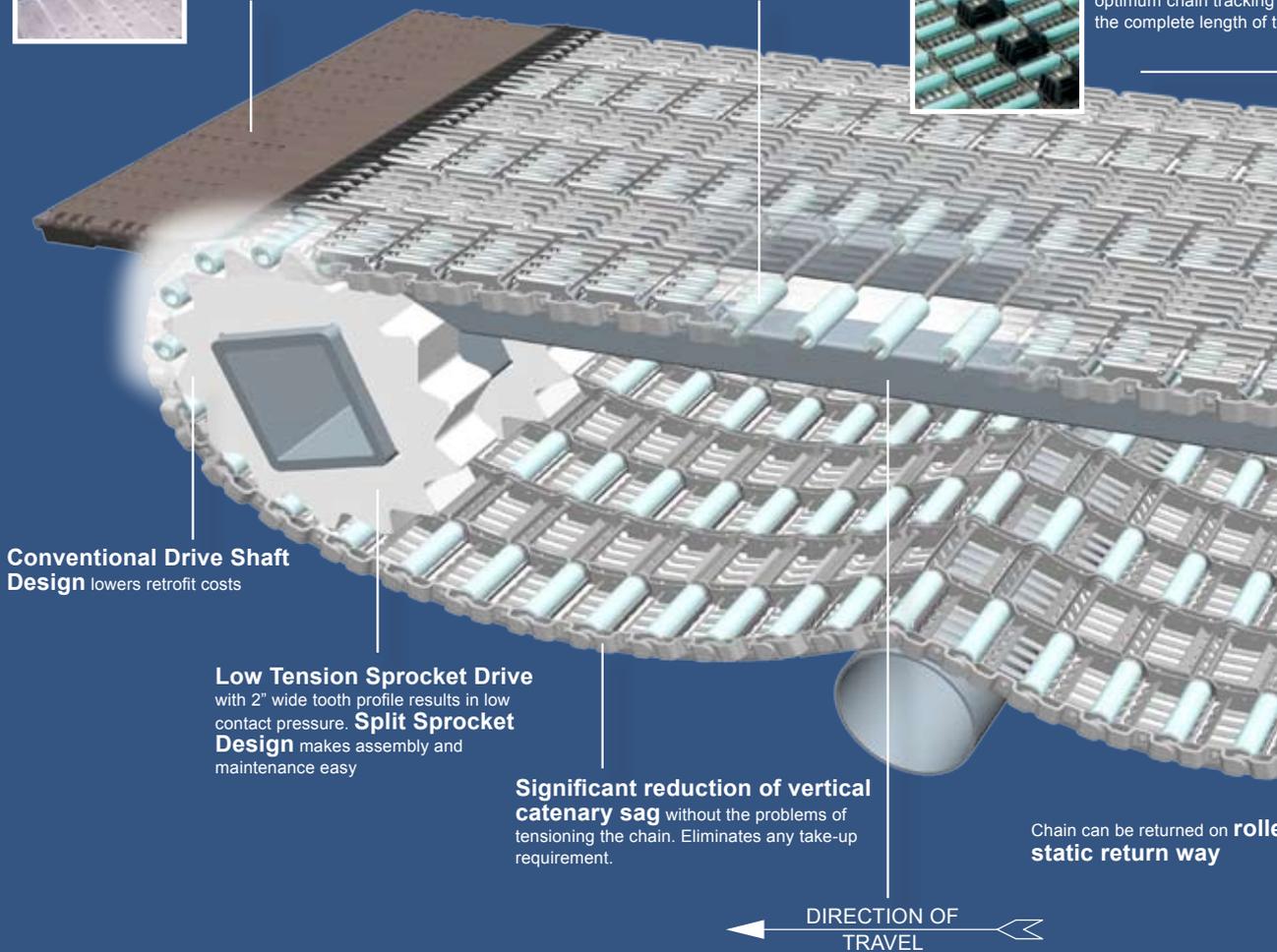


Rexnord DTS®-C Self-clearing Dynamic Transfer System™ at infeed and discharge optimizes product handling and eliminates the need for deadplates or moving arms

Low-Friction Rollers reduce chain tension by 60% and significantly decrease drag through the tunnel pasteurizer so system load is reduced. Hardened plastic roller material resists wear.



Rexnord Positrac Tracking Guides optimum chain tracking the complete length of t



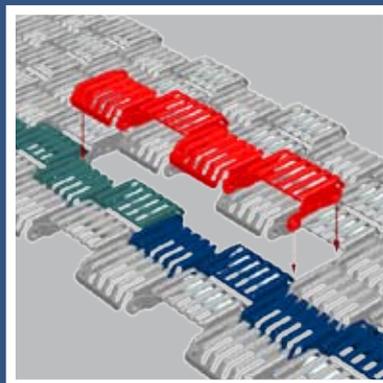
Conventional Drive Shaft Design lowers retrofit costs

Low Tension Sprocket Drive with 2" wide tooth profile results in low contact pressure. **Split Sprocket Design** makes assembly and maintenance easy

Significant reduction of vertical catenary sag without the problems of tensioning the chain. Eliminates any take-up requirement.

Chain can be returned on roller static return way

DIRECTION OF TRAVEL ←



Rexnord Fortrex™ Stainless Steel modular MatTop Chain assembly in 12" link brickable pattern permits flexibility in conveyor design and makes installation and maintenance quick and easy.

Chain Pitch	2.25 in (57.2 mm)
Chain Height	1.06 in (27.0 mm)
Chain Weight	4.81 lb/ft ² (23.5 kg/m ²)
Product Load	57.35 lb/ft ² (280.0 kg/m ²)
Open Area	50%
Roller Spacing	3", 6", 12"

in eered for Endurance 9200 Series

ck™
ensure
throughout
the tunnel

Rexnord Stainless Steel MatTop Chain

with high strength and recessed surface design is extremely resistant to broken glass, chemicals, and oils. 50% open area promotes good water flow-through.

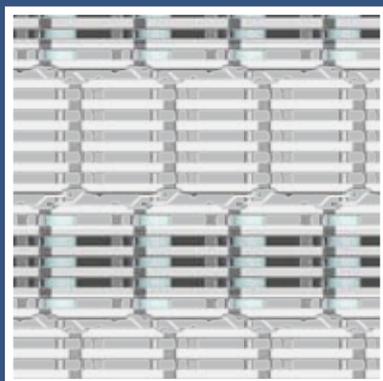
Rexnord Transfer Combs

ensure easy retrofit from non-Rexnord conveying chain

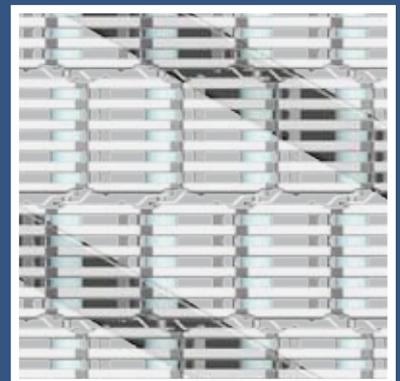
ers or

Robust, stainless steel, non-welded **Riveted Pin Retention System** makes installation and maintenance fast and easy

Idler Wheel or **Stationary Drum** tail shaft options increase reliability in glass handling applications



Rexnord Fortrex™ Stainless Steel modular MatTop Chain is designed to function optimally on both parallel and chevron wearstrip systems without the need for plastic covered wearstrips.



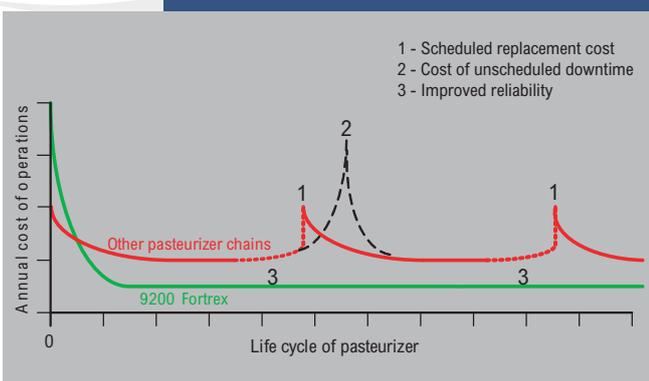
FORTREX™

Sustained Life Cycle

INITIAL COST	FUTURE COST
Components Chain Sprockets Transfer Combs In / Outfeed Chain	Maintenance Reactive / Preventive / Predictive (Replacement due to normal wear) Spare Part Inventory Cleaning
Installation Drive / Idler Shaft Bearings Carry / Return Way	Operational Cost Cost of product lost due to tippage / damage Depreciation of chain & components
Startup Initial Catenary Adjustment Post Start-up Inspection	Reliability / Unscheduled Downtime Cost involved in case of breakdown (chain repair costs & production loss)

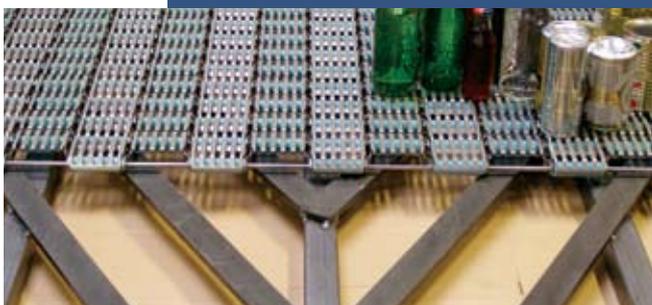
RECOGNIZING THE VALUE OF REXNORD FORTREX™ CHAIN TOTAL COST OF OWNERSHIP

Important to understanding value is recognizing that purchase price is not the only cost involved. The true value of pasteurizer conveying chain is measured in future operational costs and increased product yield from high chain reliability that eliminates downtime costs. Rexnord® Fortrex™ MatTop® Chain Total Cost of Ownership, with significantly reduced maintenance costs, delivers true economic value now and in the future.



PUTTING PASTEURIZER CONVEYING TECHNOLOGY TO THE TEST

When processing is mission-critical, you need conveying technology that is rigorously tested to meet the extreme environment of tunnel pasteurizing. At Rexnord, decades of conveying technology experience mean our lab tests for metal integrity, chemical and heat resistance, product handling, life cycle reliability and production quality are world class. Rexnord Fortrex™ Stainless Steel MatTop Chain on-location “live” testing in harsh glass container pasteurizing has exceeded the highest benchmarks for chain reliability, line efficiency, and flawless product transfers.



Rexnord Fortrex™ 9200 series Stainless Steel MatTop chain in-lab testing on chevron pattern retrofit.

SPECIALIZING IN PASTEURIZER APPLICATION EXPERTISE

Rexnord's industry-leading beverage and food process engineers specialize in pasteurizer applications. Call on Rexnord Application Engineering for remote troubleshooting, retrofit design requirements, on-site line efficiency evaluations, pasteurizer conveying technical advice, and installation support. You can rely on the long and efficient operation of your Rexnord Fortrex™ MatTop Chain in pasteurizers backed by Rexnord Application Engineering expertise.



Rexnord Application Engineer measures Rexnord® Fortrex™ rollers performance with digital calipers to ensure optimal chain performance

Productivity Chain

TRAINING FOR OPERATIONAL EFFICIENCIES

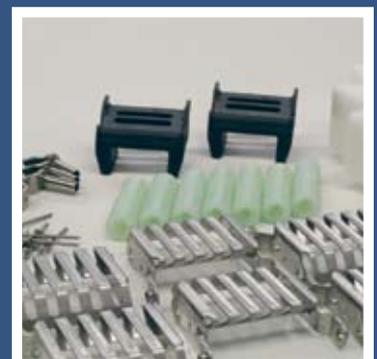
To get optimal performance from Rexnord Fortrex™ MatTop Chain breakthrough conveying technology, you need the technical knowledge and operational know-how to keep your tunnel pasteurizer running efficiently. Rexnord offers the basic, maintenance and advanced training you need to ensure optimized conveyor design, precision retrofit or new installation, and ongoing operational efficiencies. And, Rexnord works closely with major chemical suppliers to offer cleaning and chemical treatment guidelines that ensure long-lasting chain reliability and service life.



Pasteurizer conveying training for Rexnord Fortrex™ 9200 Series Stainless Steel MatTop Chain at FlatTop Europe training center in s'Gravenzande, the Netherlands

MAINTAINING PRODUCTIVITY AND EXTENDING CHAIN LIFE

Even with the high reliability of Rexnord® Fortrex™ stainless steel MatTop® chain, regular inspection and maintenance are essential to preventing unplanned downtime. Rexnord Fortrex™ MatTop Chain modules are easy-to-assemble with special riveted pin retention system, split sprocket design, idler end, and transfer technology that make maintenance fast and cost effective. Designed to resist degradation from heat, chemical, and heavy loads, Rexnord Fortrex™ MatTop Chain delivers a superior service life cycle.



Rexnord Fortrex™ 9200 Series MatTop Chain easy-to-assemble modules make maintenance easy and cost effective

World Class Customer Service

For more than 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 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.

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