

Keeping logistics moving with an integrated approach

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It's a cliché, but when you're working in the world of logistics every second really does count. Whether it's moving inventory through a high-speed distribution center or keeping forklifts running in a warehouse, efficiency and reliability are vital. Any unplanned downtime can disrupt fragile supply chains, delay deliveries, and drive up costs—making robust, well-integrated material handling systems essential.

Yet, in recent years, logistics operators have faced significant challenges in maintaining seamless operations. Global trade disruptions have made supply chains increasingly unpredictable. Tariffs, energy price hikes, and political uncertainty are creating significant challenges for logistics operators, affecting everything from material costs to delivery timelines. For example, at the time of writing, some imports into the U.S. now face tariffs of 25% or more, making sourcing critical components more expensive and complex.

Many logistics companies rely on multiple suppliers for different components, a practice that introduces significant risks. Delays in sourcing essential parts can cause operational bottlenecks, impacting efficiency and increasing downtime. At the same time, fluctuating raw material prices drive up procurement costs, creating financial unpredictability.

Additionally, sourcing from various suppliers often results in inconsistent product quality, leading to frequent breakdowns, increased maintenance expenses, and overall system inefficiencies.

Avoiding the bottleneck

To stay ahead in this challenging landscape, logistics businesses need more than just a vast array of individual components; they need a smarter, more integrated approach. By ensuring both supply chain stability and system-wide performance, companies can reduce risk, simplify operations, and enhance long-term efficiency.

One way to address these supply chain challenges is by adopting a vertically integrated manufacturing approach wherever possible. By consolidating distribution channels and collaborating closely with strategic partners, a company simplifies sourcing and optimizes availability.

This approach mitigates the risks associated with market fluctuations and reduces lead times, ensuring that customers have access to the components they need when they need them. For logistics operators, having access to this kind of resilient and stable supply chain is crucial for maintaining seamless operations.

Furthermore, with a trusted supplier managing sourcing complexity, companies can focus on growth, automation, and innovation with the confidence that their equipment will perform reliably.

This approach forms a key element of Regal Rexnord's commitment to supply chain stability. By embracing vertical integration wherever possible, we can help logistics businesses concentrate on expansion and efficiency and reduce concerns over sourcing bottlenecks or operational disruptions.

A full-system powertrain approach

Of course, even when logistics businesses are able to source all their parts without any delays, that doesn't mean much if those parts don't work well together.

Many logistics operators still take a fragmented approach to sourcing, acquiring chains from one supplier, bearings from another, gear motors from a third, and brakes from a fourth. While this may seem practical on the surface, it often leads to compatibility issues between different components, particularly in applications such as forklifts and conveyor systems, where seamless operation is essential. Mismatched components can cause inefficiencies, drive up maintenance costs, and increase downtime, leading to costly disruptions in warehouse and distribution center operations. The complexity of managing multiple vendors also adds administrative burdens, making procurement processes more time-consuming and expensive.

Regal Rexnord offers a smarter alternative with its Complete Powertrain Approach, integrating chains, bearings, couplings, brakes, and gearboxes into a single seamless system designed specifically for logistics applications. Whether it's ensuring forklifts operate smoothly, conveyors maintain a consistent flow of goods, or automated guided vehicles function without interruption, Regal Rexnord's solutions are engineered to work together, eliminating mismatched parts and enhancing overall performance in diverse logistics applications. By consolidating procurement under one trusted supplier, logistics operators can streamline sourcing and focus on operational efficiency rather than juggling multiple vendor relationships.

Beyond simplifying procurement, Regal Rexnord also enhances customer support by providing a single point of contact for troubleshooting and technical assistance. Instead of coordinating between multiple manufacturers if an issue arises, customers can rely on Regal Rexnord's expert team to provide faster solutions, minimizing disruptions and downtime in critical logistics operations.

In addition to providing a complete powertrain solution, Regal Rexnord offers Perceptiv™ Intelligent Solutions, an advanced smart technology that helps logistics businesses transition into Industry 4.0 without compromising the advantages of a

single supplier. Perceptiv enables real-time monitoring, diagnostics, and predictive maintenance, ensuring logistics operators can detect potential failures before they occur, optimize equipment performance, and extend the lifespan of critical components. By integrating this data-driven intelligence with Regal Rexnord's powertrain solutions, businesses can enhance system reliability, reduce unplanned downtime, and maximize throughput in high-demand logistics environments.

For businesses operating in a sector where delays directly impact profitability, Regal Rexnord's holistic powertrain solution delivers a crucial advantage. By addressing compatibility issues, reducing procurement complexity, and streamlining technical support, the company helps logistics operators keep their supply chains moving efficiently with minimal risk of disruption, ensuring forklifts, conveyors, and other essential systems operate at peak performance. With Perceptiv's smart monitoring capabilities, logistics operators gain an added layer of control and predictability, enabling them to transition towards a more automated, data-driven future while maintaining a stable, efficient, and fully integrated system.

Image captions:



Image 1: Regal Rexnord is committed to providing stable, integrated solutions that help logistics businesses scale, adapt, and maintain a competitive edge in an increasingly complex market.

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About Regal Rexnord

Regal Rexnord Corporation is a global leader in the engineering and manufacturing of automation sub-systems, industrial powertrain solutions, automation and power transmission components, electric motors and electronic controls, air moving products, and specialty electrical components and systems, serving customers around the world. Through longstanding technology leadership and an intentional focus on producing more energy-efficient products and systems, Regal Rexnord helps create a better tomorrow – for its customers and for the planet.

Following the acquisition of Altra, and commencing with its 1Q 2023 earnings release, Regal Rexnord will report under four operating segments: Industrial Powertrain Solutions, Power Efficiency Solutions, Automation & Motion Control and Industrial Systems. Regal Rexnord is headquartered in Beloit, Wisconsin and has manufacturing, sales, and service facilities worldwide.

For more information, visit [RegalRexnord.com](https://www.RegalRexnord.com)

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