

# **Access complete powertrains for conveyors with Bauer Gear Motor**

**1 April 2025**

**For decades, drives from Bauer™ Gear Motor have set new durability and efficiency standards in the most demanding conveyor applications. Now, the company is bringing its expertise to the intralogistics and material handling sectors, providing seamless access to fully integrated conveyor powertrain solutions in conjunction with other leading brands of Regal Rexnord Powertrain Solutions.**

## **Developing superior conveyor motors**

As the backbone of processes in the intralogistics and material handling sectors, operators require highly reliable and efficient conveyors to secure throughput and profitability. Bauer Gear Motor specializes in providing a full suite of drives for various applications, including standardized units for general logistics applications, as well as its aseptic-coated or stainless-steel HiflexDRIVE motors for use in hygienic environments in the food, beverage, and pharmaceutical industries.

Application experience in mining, quarrying, water, and metals ensures that all Bauer motors are incredibly robust and offer a long service life. A range featuring high efficiency ratings and permanent magnet synchronous motor (PMSM) technology delivers market-leading efficiency across different modes of operation. Combined, these two factors ensure Bauer motors offer end users a lower total cost of ownership (TOC), protecting profitability.

The product range is not static either. Bauer continuously develops new geared motor solutions to meet the needs of the market, reaching higher levels of durability and energy saving. Building on its own expertise, the company also collaborates with other brands of Regal Rexnord Powertrain Solutions to provide conveyor operators with single source support for the complete driveline.

### **A holistic approach to conveyor design**

As part of this service, customers can access motors, gearboxes, couplings, chains, monitoring solutions and more from one supplier. This allows a holistic approach to conveyor powertrain design with fully interoperable products, which serves to improve the efficiency and reliability of the entire system. A dedicated conveyor design team works with customers on a case-by-case basis, specifying an optimal combination of products to perfectly meet application goals.

In addition to the benefits of a fully engineered system, single source support also eases procurement, reduces time to deployment, and simplifies maintenance. Instead of having to spend the time and expense of managing multiple vendors, teams can access products and expertise quickly from one knowledgeable expert. This means that operators can spend more effort on day-to-day operations.

### **Adding Intelligence and ensuring compatibility**

To further improve uptime and productivity, Bauer customers can also access Regal Rexnord's next generation Perceptiv™ condition monitoring and predictive maintenance solution. A unified platform combining hardware and software, Perceptiv™ uses its broad sensing capabilities and in-built intelligence to provide accurate insights into equipment performance. This helps operators graduate from reactive maintenance to a proactive or predictive approach, enabling repairs to be conducted strategically to increase conveyor uptime.

While providing access to end-to-end solutions, Bauer facilitates a changeover to new powertrain systems with products that can be easily integrated with existing infrastructure. This includes compatibility with different electronics and controls, ensuring faster set up and minimal impact on overarching automation logic. Moreover, Bauer geared motors can be customized to fit with existing mechanical interfaces, while many models are designed to be interchangeable with previously installed equipment, fitting within the same footprint. Therefore, time-consuming and costly plant modifications can be avoided.

### **Empowering operators of conveyors**

Conveyor efficiency and reliability are dependent on the perfect operation of multiple powertrain components. Via Bauer Gear Motor, customers can not only access world-class geared motors for almost any intralogistics and material handling application, but also a full powertrain system backed by the single source expertise and support of Regal Rexnord. This way, operators can capitalize on superior motor performance by combining it with a holistic, system-orientated solution that offers maximum uptime and value.

**Image captions:**



**Image 1:** Regal Rexnord is bringing its expertise to the intralogistics and material handling sectors.

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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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