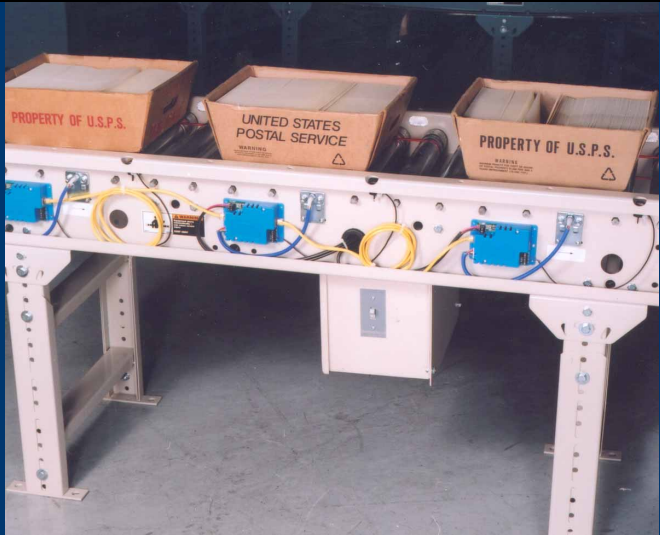


# Ermanco IntelliROL® Motorized-Roller Conveyor



## Key Benefits: Flexibility, Reliability, Functionality

Easily the most revolutionary advance in conveyor technology in recent years, the motorized-roller conveyor sets a new standard in material handling flexibility. Its key is the use of a motorized roller, which powers each zone or segment of the conveyor. Ermanco's IntelliROL is the best available. It's a truly modular system that can be completely customized to meet your current requirements, and it's so easily reconfigured that it will be ready for the future when it gets here. The unique frame design, with rollers mounted low, provides total protection for the electronic components that are pre-mounted and pre-wired at the factory. An optional conveyor shroud encloses and provides additional protection for the electrical components.

Plug-in installation with pre-tested controls minimizes system start-up time. Run-On-Demand, the inherent ability to turn on an IntelliROL motorized zone only when needed, conserves energy, reduces noise levels and greatly increases component life. Because each IntelliROL module has its own drive and control, any level of functional sophistication is possible, including product-tracking, diagnostics, and data collection. Smart driver cards and photo-electric sensors can be configured for transportation, accumulation and work-in-process operations without the need to add additional controls processors. For applications with complex controls requirements, driver cards and photo-electric sensors come pre-wired with connections to a choice of various bus network systems, suitable for PC or PLC control.

For the highest level of versatility and features that positively contribute to a quieter, more easily maintained system, put the power of Ermanco IntelliROL to work for you.

### Technical Specifications

|                      |                                   |
|----------------------|-----------------------------------|
| Product Weight Range | 1 oz. to 40 lbs. per foot         |
| Min. Product Length  | 9"                                |
| Standard Widths      | 16", 22", 28", 34" between frames |
| Zone Lengths         | 12", 18", 24", 30", 36"           |
| Speed Range          | 30 FPM to 300 FPM                 |

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*Highly versatile, easily configured, pre-wired conveyor sections driven by motorized rollers. IntelliROL is pre-engineered to meet specific performance requirements, with many standard accessories available, such as this bi-directional urethane belt transfer.*

| Feature   | Benefit                                 |
|---|---|
| Run-on-demand                                   | Quiet operation, low energy consumption |
| Few moving parts                                | Reduced maintenance cost, less noise    |
| Standard software routines                      | Rapid start-up, reliability             |
| Many proven accessories                         | Application-specific                    |
| Low profile                                     | Minimal space requirements              |
| Standard modular construction                   | System easily reconfigurable            |
| Unique frame design                             | Total electronic component protection   |
| Electronic sensing                              | No minimum weight restriction           |
| Pre-mounted and pre-wired electrical components | Economical, easy installation           |

## Core Technologies

Ermanco accumulation technologies encompass XenoROL® line-shaft-driven live roller conveyor, NBA-23™ narrow-belt-driven live roller conveyor, AccuROL® belt-driven live roller conveyor, and IntelliROL® motorized-roller conveyor. Our proven sortation systems include technologies such as urethane belt transfers (UBTs); ERS® right angle sorters; multi-stage, air-operated pushers; ESA<sup>60</sup>® swing arm diverters; NBS 30®, NBS 90®, and NBS 90-SP® narrow belt sorters; and XcelSORT® sliding shoe sorters. Command Systems Software®, Ermanco's powerful suite of control routines, ensures successful integration of all automation technologies.

## Regional sales offices and authorized business partners located throughout the United States and Canada

Licenses and business partners in Brazil, Ireland, Japan, Republic of South Africa, United Kingdom

*The Sortation and Accumulation Experts*

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