

RigidPro™ Live-Roller Power Conveyor System

Smooth, quiet power roller conveyor system for fixed installation

Modular conveyor system with lots of options and configuration features

Outstanding engineering support and on-site commissioning, training and troubleshooting

RigidPro's modular design allows you to create a custom, easy to operate, smart conveyance system tailored to your operation. RigidPro Systems are built to Ashland's high-quality standards, providing users with an **outstanding ROI** and **ultra-low maintenance costs**.

Three Modes of Operation

- **Zero Pressure Accumulation** – Each zone has a diffused photo-eye sensor and UL-listed 24V DC UniDrive brushless motor. Zones operate only when the downstream section is unoccupied, using advanced control features for smooth accumulation and efficient package flow, while reducing energy consumption and lowering maintenance costs.
- **Slug – optional** – (transportation/ZPA hybrid) increases package throughput while maintaining accumulation characteristics. In reverse, the conveyor operates in Transportation Mode only.
- **Transportation** – The conveyor continuously moves packages without entering sleep mode, ensuring constant flow for high-throughput applications. Unlike Zero Pressure Accumulation, zones remain active even if downstream sections are unoccupied, prioritizing uninterrupted movement. Reverse is optional.

FEATURES

- Modular sections for flexible layouts and extensions. Available with straight, curved, merge and transfer configurations
- 24V brushless low-profile UL-listed DC motors
- Three modes of operation to match your operating requirements
- Easy belt & roller replacement: Quick-change design minimize downtime
- Minimal maintenance and energy efficient - built for outstanding ROI

Quick change belt system simplifies maintenance and minimizes service disruptions



Three operation modes to match your conveyance requirements

Modular, scalable design for flexible layouts and extensions. Available with straight, curved, merge and transfer configurations

Zone Logix Pro 2.0 control technology

Rugged design & build for excellent ROI

24V Brushless DC flat motors ensure optimal power, control & energy efficiency

Robust leg weldment with built-in height adjustment

Easy connection & control integration with Ashland's ProFlex flexible, extendable powered system

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Scalable Solutions

Whether you need a small, localized system or a large-scale integrated solution, RigidPro has adaptable configurations that meet the specific needs of your operation. Easily expand or modify as your requirements evolve.

Built for a Variety of Conveyance Operations

High-performance for 3rd-party logistics, manufacturing, e-commerce, distribution and retail operations. RigidPro is perfect for any operation that requires a dependable, low-maintenance powered roller conveyor system.

Short Lead Times

Ashland is highly experienced in manufacturing conveyor systems. We focus on supporting our customers with short lead times and outstanding product support.

ASHLAND CONVEYOR PRODUCTS

OPTIONS

Roller Widths (In): 18, 24, 30 & 36

Module Lengths (Ft): 6 & 12 (other options available)

Curved Modules: 45° & 90°

Roller Diameter (In): 1.9

Accumulation Zone Lengths (In): 24, 36 & 48

Input Voltage: 115/230 single phase & 230/460 three phase available

Belts: Blue 85 high-tension O-ring or optional Eagle XLD

Guards: Rails set low (guarding incorporated into frame) or bolt-on guarding to top of frame

Advanced Controls: RigidPro control cards support advanced programming features that allow multiple modes of operation, real-time monitoring, remote management and seamless integration with other equipment for fully customizable and optimized conveyor performance

Roller Options: Woodsage QuietPro (reduced noise), Polysleeved or Vinyl



Connect & Integrate with ProFlex

For flexible, extendable powered trailer load or unload, connect RigidPro to an Ashland ProFlex system. ProFlex's optional impact cart includes an adjustable, bright LED light to help illuminate the trailer interior.

Superior Durability

Built tough for the most demanding environments, RigidPro offers a longer service life and ultra-low maintenance costs for outstanding ROI.

Simple Maintenance

Keep downtime to a minimum with:

- Quick-change belts and rollers
- Easy-access motors and controls
- Modular design for easy extensions or upgrades

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