

ProFlex Power Conveyor

The New Standard in Flexible Conveyance

Experience industry leading performance and effortless maintenance with Ashland Conveyor Products' ProFlex Power. This game-changing conveyor boasts unparalleled durability and reliability. Engineered with heavier gauge steel, robust welded joints, and high-carbon steel connections, paired with advanced features like maintenance-free brushless motors and a snag-free rail system for smooth, efficient operation. Quick and simple belt and roller changes, along with easy access to components and plug-and-play technology, significantly reduce downtime and labor costs. Additionally, ProFlex's zero-pressure accumulation mode minimizes product damage and optimizes your workflow, seamlessly integrating with existing systems.

EXPERIENCE THE DIFFERENCE

Superior Durability

Specifically engineered to withstand the rigors of demanding industrial environments. Expect a longer lifespan and reduced replacement costs.

Effortless Maintenance

Quick change belt and rollers paired with easy access motors and controls mean simple, fast maintenance.

Streamlined Operations

Intuitive controls and user-friendly interface make operation and management effortless. Spend less time troubleshooting and more time focusing on your core business.

Advanced Technology

Cutting-edge motor technology, improved power transmission, and intelligent control systems provide optimized performance and energy efficiency. Experience the benefits of smart conveying with reduced energy consumption.

Scalable Solutions

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

Modular & Scalable Design
Easily integrates with existing
conveyor systems

Zero Pressure Accumulation (ZPA)
Ensures smooth package flow
with no product damage

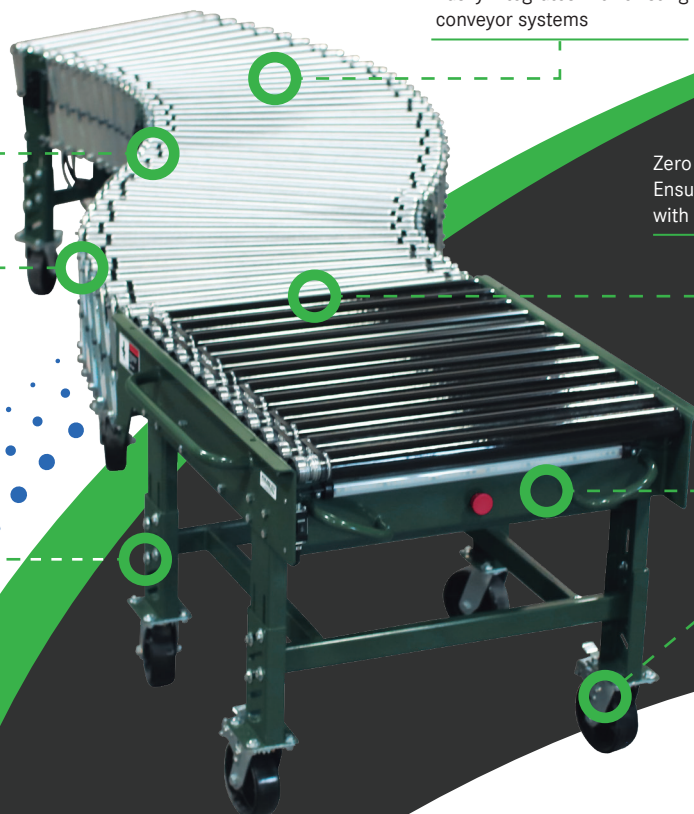
Heavy Duty Impact Cart for enhanced
durability in high impact loading
zones (Available with lighting and
polyurethane sleeved rollers for added
safety and durability)

Plate-Mounted Industrial
Grade Locking Casters

Quick change belt system
simplifies maintenance and
minimizes disruptions

24V Brushless DC Flat
Motors ensure optimal
power and longevity

Robust leg weldment with built
in height adjustments to adapt
to diverse environments



WHY BUY FROM ASHLAND?

Fast Turnaround: Our footprint in North America enables our customers to source high quality products domestically, eliminating the uncertainty of today's global supply chain while reducing lead times.

Uncompromising Quality: Delivering superior-grade products for reliable performance.

Experience and Knowledge: Over 80 Years of knowledge in the Conveyor and Conveyor systems business.

Versatile Selection: Diverse array of conveyor rollers to suit every application.

Dedicated Support: Exceptional customer service ensuring your satisfaction.



**Warehouse
Distribution**



**Material
Handling**



E-Commerce



Post & Parcel

Elevate your material handling prowess with Ashland's ProSeries ProFlex Power. Encounter heightened efficiency, durability, and adaptability tailored to various industries. Connect with us to embark on a journey into the forefront of conveyor technology.

ISO 9001:2015 Certified



Ashland Conveyor Products

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TECHNICAL INFORMATION

Performance Advantages

- **Energy Efficiency** – Intelligent sleep mode reduces energy consumption.
- **Seamless System Integration** – Ethernet I/O for streamlined operations.
- **Reliability & Durability** – High-strength galvanized steel rollers for long-term performance.
- **Reduced Downtime** – Quick change belt system simplifies maintenance and minimizes disruptions.
- **High-Performance Motors** – 24V Brushless DC Flat Motors ensure optimal power and longevity.

Technical Specifications

Available Widths	24", 30", 36"
Available Lengths	20', 40', 60' Fully extended. Collapsed length based on roller diameter and centers (SEE REFERENCE CHART)
Conveyor Height	Adjustable Legs, 28"-34" TOR
Roller Diameter	1.5" or 1.9"
Roller Spacing	3" or 5" Centers
Roller Casters	6" x 2" Swivel Casters with Brakes
Power Requirements	120V Single-Phase with NEMA L5-30 Connection
Motor Control	Zone Logix Pro 2.0 for Intelligent Zone Control
Belts	Blue 85 high tension O-ring belts. (Optional: Eagle XLD Belts for superior performance and durability)
Belt Replacement	Quick Change Design for fast minimal skill belt replacement

Reference Chart

Roller Diameter	Roller C/C	Zone Length	Rollers per Zone	Compression Ratio
1.5"	3"	38.5"	13	1.7:1
1.5"	5"	42.5"	9	2.3:1
1.9"	3"	38.5"	13	1.6:1
1.9"	5"	42.5"	9	2.1:1

Optional Features

Eagle XLD Belts	Paired with a unique roller groove profile, these belts offer durability and optimal performance.
IOT Integration	Enables real-time monitoring and data-driven optimization.
Heavy Duty Impact Cart	Enhances durability in high-impact loading zones. Available with lighting and polyurethane sleeved rollers for added safety and durability.
Optional Guards	Adds an extra layer of product protection.

Modes of Operations

Accumulation	Zero Pressure Accumulation; each zone activates via sensor when the downstream zone becomes unoccupied. Packages are allowed to accumulate either at the end of the conveyor or within the zones leading up to a fully occupied zone.
Transportation	Conveyance mode is set to always on, continuously conveying at constant speed.
Energy Saver	Motors enter sleep mode when no product is present in the zone.

Explore our complete portfolio, delve into detailed product information, and uncover specifications by visiting our website. www.ashlandconveyors.com