

Benefits

The E24™ system offers benefits simply not found in other conveyor technologies. A few of those advantages are:

- Safe, 24 VDC Operation
- Quiet
- Energy Efficiency
- Easy Configuration due to Modular Design
- Minimal Maintenance
- Robust, Long-Life Motor
- Transport, Minimum Pressure and Zero Pressure Versions Available
- Minimum Conveyor Width Not Limited by Drive Components
- Greater Speed Options: Conveyor Speed Not Based on Fixed Gear Ratios - Speed Range Determined by Drive Spool Diameter
- Multiple Motors per Zone for Long Zones
- Minimum Back Pressure Ability with Limited Slip Drive Spool
- Availability – One Motor for All Widths and Speeds means One Motor to Stock
- Higher torque than motorized rollers
- Fewer Motors Required for Transport Conveyor

THE REVOLUTION IN 24 VOLT TECHNOLOGY



LEADS THE WAY

Visit www.hytrol.com
to find your Domestic
or International Distributor

2020 Hytrol Drive • Jonesboro, Arkansas 72401
(870) 974-5642 • FAX: (800) 852-3233

Av. Ernesto Monroy # 108 • Locales 2 y 3 • Parque Industrial Exportec II • Toluca, México 50200
(52)(722) 273-3055/77 • FAX: (722) 273-3660



WELCOME TO THE 24 VOLT REVOLUTION



In the world of 24 volt material handling equipment there is a need for higher reliability and flexibility. Hytrol's E24™ concept is designed from the ground up to be the best 24 VDC conveyor drive technology in existence. With its robust motor and spool-driven rollers, the E24™ provides Efficiency, Ergonomic design, and Energy savings. These three features - along with many more - are the reason that Hytrol is leading the revolution of 24 volt technology.

E24™ Meets EZLogic®

What happens when the revolution in 24 volt technology meets the world's most advanced zero-pressure accumulation system? Hytrol proudly introduces E24EZ, the 24 VDC Live Roller Conveyor. It features the same EZLogic® familiarity customers have come to trust, while boasting ease of installation, operation, and dependability. This unstoppable combination lends itself to greater throughput and numerous configuration possibilities. E24's control card interfaces directly with EZLogic® for accumulation. EZLogic®'s easy configurability and dynamic zone allocation, coupled with E24's flexibility and reliability, make the E24EZ a valuable part of any conveying system.



Features Flexibility and configurability make E24™ a must-have in any conveyor system.

RELIABILITY



E24™ is a brushless, gearless, low RPM, high torque motor, designed specifically for driving conveyor rollers reliably and efficiently. The external motor approach to 24 VDC technology provides exceptional flexibility, superb heat dissipation, and a robustness that cannot be achieved with motors embedded in conveyor rollers.

VERSATILITY

The E24™ motor drives the tread rollers thru a spool/O-ring combination. Different speed ranges can be achieved by simply replacing the spool with one of a different size. There is no need for different motors with different gear ratios because there are no gears in the E24™ system.



FLEXIBILITY



By replacing the drive spool with the optional limited slip spool assembly, E24™ conveyors can be used in minimum pressure applications. No other 24 VDC conveyor drive technology offers this unique capability.

Applications E24™ offers such versatility in configuration that it is ideal for numerous applications, including:

Packaging Lines
Assembly Lines
Food Processing
Postal And Document Handling

Pharmaceutical Order Picking
Linking Automation Cells
Machine Feeding
Manifesting Stations

In-Motion Weighing
Turntables
Lift Tables
Gates