



Material Handling Solutions That Work!
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Conveyor Solutions

- » Integrated Conveyor Systems
- » High Speed Sortation
- » Vertical Conveyor
- » Carousels
- » Tabletop

Storage Solutions

- » Pallet Rack
- » Wire Decking
- » Flow Rack
- » Push-Back Rack
- » Drive-In Rack
- » Carton Flow
- » Shelving
- » Mezzanines

Allied Solutions

- » Modular Offices
- » Wire Partitions
- » Dock Equipment
- » Ergonomic Lift Equipment
- » Pallet Jacks
- » Workstations
- » Rolling Ladders
- » Casters
- » Ramps

Pallet Handling

- » Palletizers
- » Robotic
- » Stretch Wrapper
- » Turntable

Picking Solutions

- » Pick To Light
- » Put To Light
- » Voice Activated Systems
- » Warehouse Management Systems

Engineering

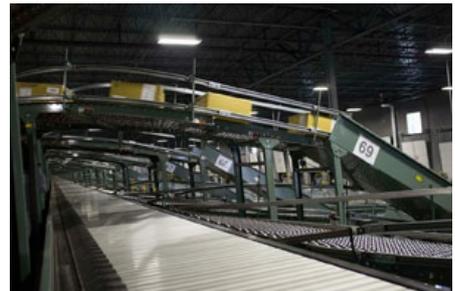
- » Facility Planning
- » Computer Aided Design
- » Layout Assistance

Installation & Service



5 FACTORS TO CONSIDER WHEN EVALUATING SORTATION OPTIONS

Implementing an automated sortation system is an important step in creating an efficient and competitive solution. There are several key factors to consider before deciding what equipment best suits your needs. Whether your goal is to streamline facility processes, prepare for future growth or simply increase throughput, these guidelines will equip you with the tools to select the best sortation solution for your facility.



Factors to Consider

- 1. Throughput Requirements**
How much product do I need to move through the sorter per hour? per shift? per day?
- 2. Type of Item**
What type of product will I be running through the sorter (i.e. fragile or delicate items)?
- 3. Spacing Considerations**
What is the correct gap and how will it be provided?
- 4. Pneumatic vs. Electric Sortation**
Is compressed air readily available or should an electric solution be evaluated?
- 5. Additional Throughput Requirements**
What level of recirculation will the operation require?

Additional Considerations

What are the costs vs. benefits of integrating E24™ into my system?

Now, you may be asking yourself, "what is E24™." Simply put, it is a roller conveyor driven by a series of 24-volt motors distributed throughout the conveyor. 24-volt Motor Driven Roller (MDR) conveyors are being widely used due to their simplicity and flexibility. Since the drive train is distributed along the conveyor length, a single conveyor can perform multiple functions, including starting and stopping of individual sections, different speeds, and the ability to convey product in both directions.

Until now, service was a major determining factor in selecting MDR equipment. With two standard mounting options and a decentralized drive, Hytrol's E24™ has been designed to be maintenance friendly. E24™ also has a life expectancy of 125,000 hours (or 10 years of continuous operation), and it's high torque, low RPM motor provides the necessary power to handle those larger products. Because it is designed to work with EZLogic® zero pressure accumulation systems, E24™ allows for multiple accumulation options and greater flexibility within your system. Hytrol's E24™ has been designed from the ground up to provide the best 24-volt conveyor drive technology in existence.