HEAVY DUTY PALLET HANDLING CONVEYING SYSTEMS
THE HYTROL ADVANTAGE

Hytrol Conveyor Company, Inc. is regarded as an industry expert in automated material handling systems. With operations in the United States and Mexico, Hytrol is the largest conveyor manufacturer in North America. Our success can be attributed to our firm commitment to systems, solutions, and service. A key component to the Hytrol Advantage is our Integration Partner Network, which is comprised of more than 100 locations worldwide. It’s through our Integration Partners that we are able to provide the local presence, on-site expertise and instant assistance needed by customers today. We deliver innovative products and applications that improve profitability and sustainability in your supply chain, every day.

Our cutting-edge manufacturing facility operates under Lean principles to produce conveyors with the shortest lead times in the industry. Organized focus factories enable us to continually improve processes and manufacture top-tier solutions.
EXPERIENCE THE ADVANTAGE OF HYTROL’S PALLET HANDLING SYSTEMS

Hytrol’s pallet handling systems are an essential piece of equipment to get your product out the door. Whether in distribution, warehousing, or manufacturing operations—Hytrol’s pallet handling systems will help you increase throughput with safe transfers of product, while saving you money.

Our Pallet Handling product line is designed with you in mind; that’s why we have several standard models with Hytrol’s E24™ and EZLogic® Zero-Pressure Accumulation System. Hytrol’s safe, quiet, and energy efficient E24™—24 Volt conveying system—boasts a 125,000 hour life span with minimal maintenance and because it’s a Hytrol innovation, it goes great with EZLogic®—Hytrol’s Zero Pressure Accumulation System.
WE DESIGNED A SOLUTION FOR YOU

Hytrol offers a complete line of standard and specially designed pallet handling solutions for transportation and accumulation operations within the manufacturing, warehousing, and distribution industries. Whatever the product, we have a solution for you.

Hytrol’s pallet handling product line accommodates a variety of applications including:

- warehousing systems
- pallet inspection/repair
- load accumulation
- pallet dispensing
- load transfers
- bulk goods receiving

With maximum throughput and minimal maintenance requirements, Hytrol’s pallet handling solutions allow for continual operation with an assortment of load configurations such as:

- wooden or plastic pallets
- footed pallets
- drums and fixtures
- slave pallets
- crates or containers
- unitized loads
WHAT TYPE OF CONVEYOR DO YOU NEED?

For footed pallets, slip sheets, unitized loads—items normally non-conveyable, we suggest Hytrol’s Model PLEZD. All other pallets will be conveyed on a combination of Roller and Drag Chain conveyors. As a general rule, if the bottom deckboards are running parallel to the flow, use one of Hytrol’s Roller Conveyor models. If the bottom deckboards are perpendicular to the flow, use one of Hytrol’s Drag Chain conveyor models.
HYTROL PALLET HANDLING
CHAIN DRIVEN ROLLER CONVEYOR MODELS
These models of chain driven roller conveyor are powered by an AC motor and designed for safe transport of heavy product. The model 199-CRR is designed to transport cartons or pallets weighing up to 250 pounds per linear foot. The model 25-CRR is capable of conveying 1,000 lbs/ft and the 36-CRRH is capable of conveying 2,000 lbs/ft.
These models of chain driven roller conveyor are powered by an AC motor and designed for the safe transport of heavy pallets around a curve. The model 199-CRRC is designed to transport cartons or pallets weighing up to 850 pounds per zone. The models 25-CRRC and 25-CRRCT are capable of conveying 4,000 lbs/zn. The models 199-CRRC and 25-CRRCT have tapered rollers to maintain product orientation around a curve.
These models of chain driven roller conveyor are powered by an AC motor—with EZLogic®, cartons or pallets are accumulated with zero-back pressure reducing the possibility of collision that may result in product damage. Hytrol's model 199-CREZD is designed to handle cartons or pallets weighing up to 250 pounds per linear foot, while the 25-CREZD and the 36-CREZD are designed for more heavy duty applications capable of conveying 1,000 and 2,000 lbs/ft, respectively.
These models use Hytrol’s E24™ to drive a series of chain driven rollers. With EZLogic®, product can be accumulated in zones and released upon request. Hytrol’s model 199-CRE24EZ is designed to handle cartons or pallets weighing up to 250 pounds per linear foot or a total load of 1,300 lbs. The 25-CRE24EZ is designed for more heavy duty applications capable of conveying 1,000 lbs/ft or a total load of 1,300 lbs.
HYTROL Pallet Handling
Poly-V Belt Driven Roller Conveyor Models
The Poly-V belt driven family of roller conveyor is designed for applications where quiet operation and less maintenance are needed. The 199-PVR is designed to handle up to 250 pounds per linear foot, with a capacity of 600 pounds per zone. The 25-PVR is designed to handle heavier pallets and drums—conveying 1,000 lbs/ft with a capacity of 3,000 lbs/zn.
The models 199-PVEZD and 25-PVEZD use Poly-V Belt driven tread rollers. With EZLogic® product can be accumulated in zones and released upon request. The 199-PVEZD is capable of conveying 250 pounds per foot with a 600 pounds per zone capacity, while the 25-PVEZD is designed for more heavy duty applications of up to 1,000 lbs/ft and 3000 lbs/zn capacity.
Hytrol’s E24™—24VDC motor and reducer are used to drive Poly-V belt driven tread rollers on the 199-PVE24EZ and the 25-PVE24EZ. With EZLogic®, product can be accumulated in zones and released upon request. The 199-PVE24EZ is capable of conveying 250 pounds per foot with a 600 pounds per zone capacity, while the 25-PVE24EZ is capable of 1,000 lbs/ft with a 1,300 lb/zn capacity.
HYTROL PALLET HANDLING
DRAG CHAIN CONVEYOR MODELS
These models are designed to transport heavy pallets when the bottom slats are perpendicular to the flow. The DC-60 and DC-63 are capable of conveying 3,000 pounds per zone on a #60 chain while DC-82 and DC-83 are capable of conveying 4,000 lbs/zn on a #80 chain. The DC-60 and DC-82 convey product with two strands of drag chain, while the DC-63 and DC-83 use three strands.
The DCEZ models of drag chain conveyor are designed to safely accumulate pallets—with EZLogic®, pallets are accumulated with zero-back pressure reducing the possibility of collision that may result in product damage. The DCEZ-60 and DCEZ-63 are capable of conveying 3,000 pounds per zone while DCEZ-82 and DCEZ-83 are capable of conveying 4,000 lbs/zn.
HYTROL PALLET HANDLING
BELTED CONVEYOR MODELS
The Model PLEZD is a plastic belt conveyor designed to handle footed pallets, slip sheets, and unitized loads—items normally considered non-conveyable on roller conveyor. The PLEZD utilizes EZLogic® to provide Zero Back Pressure accumulation, reducing the possibility of product damage, and can handle up to 2000 pounds per zone.
The model 25-LREZ is a heavy duty, belt driven live roller conveyor designed to accumulate cartons or pallets with Hytrol’s EZLogic®. With no need for a chain guard, product can be loaded/unloaded from either side and the conveyor is capable of conveying 4000 pounds per zone with 250 pounds being the maximum capacity per roller in contact with pallet.
The model SL is designed for rugged applications and is excellent for conveying hot and/or oily parts, or conveying items through heat drying or assembly line processes. The model SL is capable of conveying 1400 pounds per linear foot.
HYTROL PALLET HANDLING
TURNS AND TRANSFERS
Hytrol’s chain transfers are designed to move product safely at 90° from a line of roller conveyor. The CT-200 Transfer is capable of moving a 200-pound pallet, while the CT-1500 Transfer can move 1,500 pounds. The CT-3000 Transfer is capable of moving a 3,000-pound pallet, while the CT-4000 Transfer can move 4,000 pounds. The CT-5000 and CT-6000 are designed to convey 5,000 and 6,000 lbs, respectively.
Hytrol's Roller Transfers are designed to move product safely 90° from a line of drag chain conveyor. The 25-RT and 35-RT Transfers are designed to pop up in between lines of drag chain. The 25-RT is capable of moving a 3,000-pound pallet on 2.5-inch rollers, while the 35-RT can convey 4,000 pounds on 3.5-inch rollers.
Hytrol’s Pivot Cart is designed to move product safely up to 180° and transport from one line of conveyor to another. This model moves a conveyor section from the pivot point, leaving open access to aisles to get to other conveyor.
Hytrol’s center pivot Turn Tables are designed to rotate product safely in 90° increments and transport from one line of conveyor to another while maintaining product orientation. The 26-CRPT is capable of moving a 4,000 pound pallet. The MDPT and HDPT are flat plate turn tables, that can be equipped with several different models of conveyor. The MDPT has a capacity of 3,000 lbs and the HDPT has a capacity of 6,000 lbs.
Hytrol’s Transfer Cart is designed to move product in a straight line. This heavy duty cart can be used to merge and sort pallets or move product long distances without taking up floor space with a conveyor. The transfer cart can be equipped with a conveyor that sits parallel or perpendicular to direction of travel and can move at speeds up to 100 FPM with personnel barriers and carry up to 10,000 lbs.
Hytrol’s Lift & Rotate is a system accessory that is designed to lift a pallet and rotate it in 90° increments to change the leading edge of the product for various processes. It is capable of handling up to 2,500 pounds and is available with multiple standard lifting bar configurations.
**DOWNLOAD THE HYTROL TOOLBOX APP**

Hytrol’s recently released Maintenance and Spare Parts App is designed to give customers better, more efficient access to information about their automated material handling solutions. Designed for the end user, the app allows users to instantly access information to maintain their conveyor equipment. The Toolbox App saves time and streamlines processes, and is available for download on most Android, IOS, and Windows mobile devices.

Search for **Hytrol Toolbox** in your app store or visit [www.hytrol.com/mobile](http://www.hytrol.com/mobile)