



POWER  PACK

AUTOMATION SOLUTIONS SINCE 1929

***PACKAGING
&
PALLETIZING
CONVEYORS***

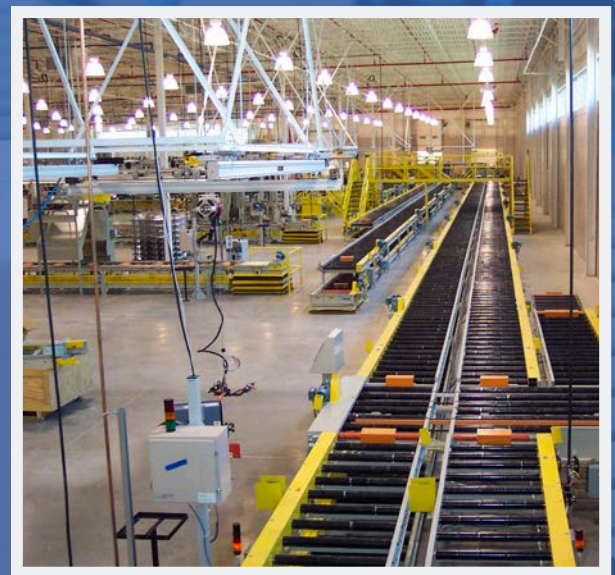
**CHAIN-DRIVEN LIVE ROLLER
BELT-DRIVEN LIVE ROLLER
CHAIN**

CHAIN DRIVEN LIVE ROLLER

Chain-driven live roller conveyors (CDLRs) are designed to efficiently transport heavy and bulky products like machinery, drums, and pallets over long distances. These conveyors are built from durable materials, featuring adjustable frames and heavy-gauge steel construction to withstand harsh environments and demanding conditions.

The CDLR system uses sprockets and loop-to-loop chains to drive the rollers, allowing it to handle a range of product weights, from light to heavy-duty. Common applications include moving boxed goods, palletized items, and other contained products in industries such as automotive, appliances, food and beverage, and warehousing.

The key benefits of CDLRs include their robustness, reliability, and efficiency in transporting heavy-duty items. By streamlining material flow and reducing manual labor, CDLRs help maintain consistent output and improve overall operational efficiency.



CHAIN TRANSFER

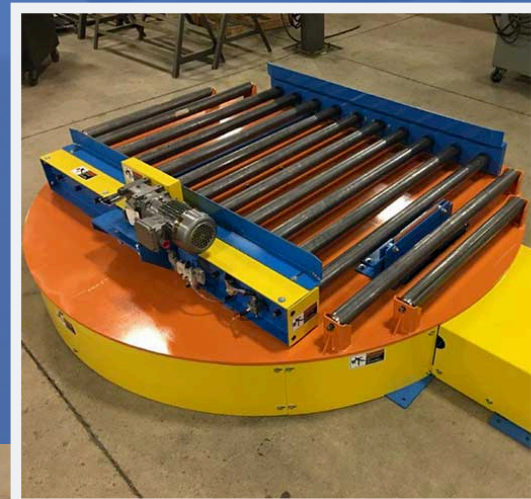
Power Pack's chain transfer is designed to smoothly redirect heavy and bulky goods at a 90-degree angle between two horizontal conveyor lines. It integrates with chain-driven live roller conveyors (CDLRs) or other conveyor types within a compact space, optimizing product flow and minimizing the need for curves or long travel distances.

The chain transfer changes the direction of goods from one conveyor line to another, making it ideal for warehousing, packaging, and material handling industries. It efficiently moves heavy items like pallets, drums, and tire rims, saving space and enhancing operational efficiency by allowing direct transfers between conveyor lines, tailored to specific operational needs.



ROTATOR/TURNTABLE

Power Pack's rotator or turntable conveyor changes the direction of products while maintaining their orientation. It comes in both powered and manual versions and can be paired with various conveyor types, including belt and roller systems. This versatility makes it ideal for high-efficiency production environments. The manual version allows multiple operators to work around the conveyor, while the powered version can reverse the product's orientation. Commonly used in industries like warehousing, manufacturing, and aerospace, it efficiently handles items such as cartons and totes within assembly lines.



PALLETIZING

The palletizing system is ideal for handling individually packaged products like crates, boxes, totes, and bags, and is used across various industries such as assembly, consumer goods, and construction materials. Automated conveyors and robotic arms often accompany these systems to enhance accuracy, reliability, and efficiency in handling goods for shipment or storage.

Integrating an automated palletizing system reduces manual labor, minimizing work-related injuries, and optimizing efficiency. Power Pack's engineers, with three generations of expertise, design and test these systems to meet specific customer needs, with the option to observe or review the testing process before delivery.

The system addresses challenges such as rising labor costs and the need for modern technology. It handles diverse pallet shapes, sizes, and weights, and can be further enhanced with robotic arms to streamline processes and boost production. Power Pack offers customized design solutions to meet operational requirements, increase worker safety, and improve overall production efficiency.

PALLET STACKER / DISPENSER

Power Pack's pallet stacker and dispenser conveyor automates the stacking and dispensing of empty pallets within a conveyor system. Designed for durability and continuous operation, it can also handle racks, containers, and tires. Constructed from heavy plate, the conveyor uses forks or clamps with electric, pneumatic, or hydraulic mechanisms to manage stacks. It enhances efficiency and reduces manual handling, thereby minimizing the risk of back injuries and optimizing storage space. Suitable for both wooden and plastic pallets, this conveyor is ideal for industries requiring reliable pallet management and space-saving solutions.

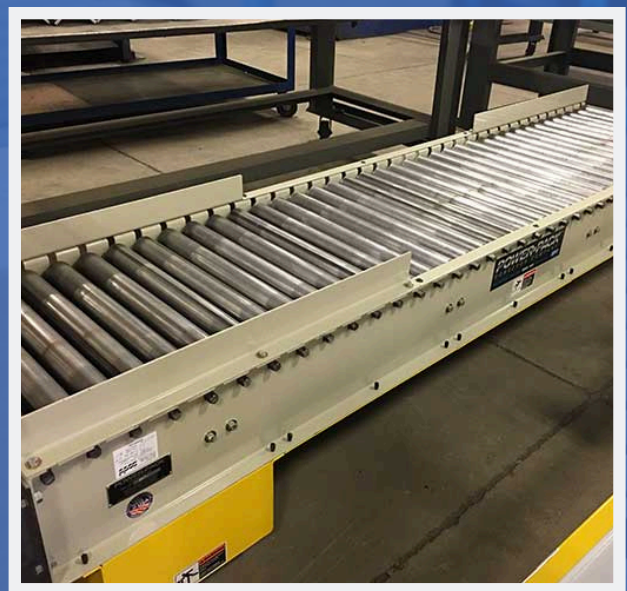


BELT DRIVEN LIVE ROLLER

Belt-driven live roller conveyors (BDLRs) are highly versatile and capable of accumulating, diverting, merging, and transporting items of various shapes, sizes, and weights. Commonly used in warehousing, distribution, and order fulfillment, BDLRs are powered by a belt running in the opposite direction of the rollers, allowing for efficient handling and minimal pressure accumulation.

Power Pack's BDLRs are designed for low maintenance and ease of use, making them suitable for moving boxes, cases, drums, and totes. They create accumulation zones and offer features for non-contact, zone-based accumulation.

These conveyors are widely used in various industries, including warehousing, manufacturing, and automotive assembly. Power Pack customizes BDLRs to meet specific industry requirements, ensuring efficient material handling across different sectors, from industrial to aerospace and military applications.



CHAIN CONVEYOR

Power Pack's chain conveyor uses roller chains to move heavy and varied items, including pallets and industrial containers. It's ideal for high-temperature and heavy-duty applications where other conveyors might not suffice. Suitable for industrial settings like warehouses and automotive plants, it efficiently transfers products between conveyors and integrates well with other systems. The durable design ensures reliable performance, streamlining operations and reducing manual labor.

