PALLET CONVEYOR SYSTEMS



Honeywell Intelligrated®

HONEYWELL INTELLIGRATED PALLET CONVEYOR SYSTEMS

Honeywell Intelligrated offers a full line of standard and custom-designed pallet conveyor systems that deliver performance and efficiency for peak operational performance. Scalable designs provide the right level of automation to meet the transportation and accumulation needs of manufacturing, warehousing and distribution operations. Durable pallet conveyor solutions deliver years of reliable, high-performance operation, backed by total lifecycle support.





SEAMLESS INTEGRATION, FLEXIBLE DESIGNS

Honeywell Intelligrated offers pallet conveyors as standalone equipment or in a fully integrated material handling system, with easy-to-use controls and software that interface with host systems to provide operational data, diagnostic reports and dynamic responses to changes in product flow.

Honeywell Intelligrated pallet conveyor systems support 24X7 operation with maximum uptime and minimal maintenance requirements. Patented bolted construction and modular designs ensure robust, easy installations that integrate seamlessly with other pallet-handling equipment.







A SOLUTION FOR EVERY PALLET-CONVEYING NEED

The extensive range of Honeywell Intelligrated pallet conveyor solutions provides flexible, scalable options for every pallet accumulation and transportation requirement.

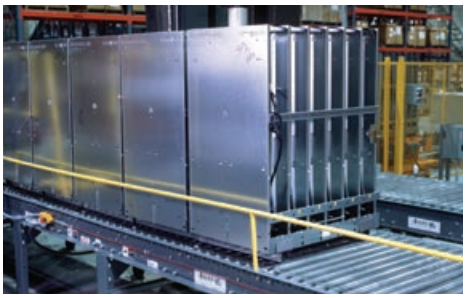
- **Receiving** – Move incoming pallets to the right place at the right time for unloading or storage of bulk goods
- **Palletizing and depalletizing** – Transport empty and full pallets into position for palletizing or depalletizing
- **Load storage** – Ensure efficient, stable pallet flow into and out of storage
- **Outbound load staging** – Accumulate pallets in proper sequence for outbound shipments
- **Automated storage and retrieval systems (AS/RS)** – Direct stable and efficient pallet flow to and from dense automated storage
- **Manufacturing** – Ensure consistent, smooth flow for end-of-line stacking, labeling or stretch-wrapping operations

INDUSTRIES SERVED:

- Food
- Beverage
- Consumer packaged goods
- Pharmaceutical and medical supply
- Retail
- E-commerce
- Wholesale
- Post and parcel
- Third party logistics

ACCUMULATION AND TRANSPORTATION PALLET CONVEYOR

Standard and Custom-Designed to Meet the Needs of Manufacturing, Warehousing and Distribution Operations



PALLET ACCUGLIDE™ CONVEYOR

Multiple-zone live roller conveyor for quiet, positive transportation and zero-pressure accumulation

- Economical, zoned accumulation conveyor
- Easy installation and startup
- Low-voltage electronic zone activation



AIR CHAIN CONVEYOR

Zone-based, zero-pressure or continuous low-pressure accumulation conveyor with parallel roller lanes and center roller chain for load movement

- Smooth and stable load handling
- Minimal maintenance requirements



AUXILIARY PRODUCTS

Honeywell Intelligrated pallet conveyors meet specific load, space and operational requirements and integrate with allied equipment and accessories, including:

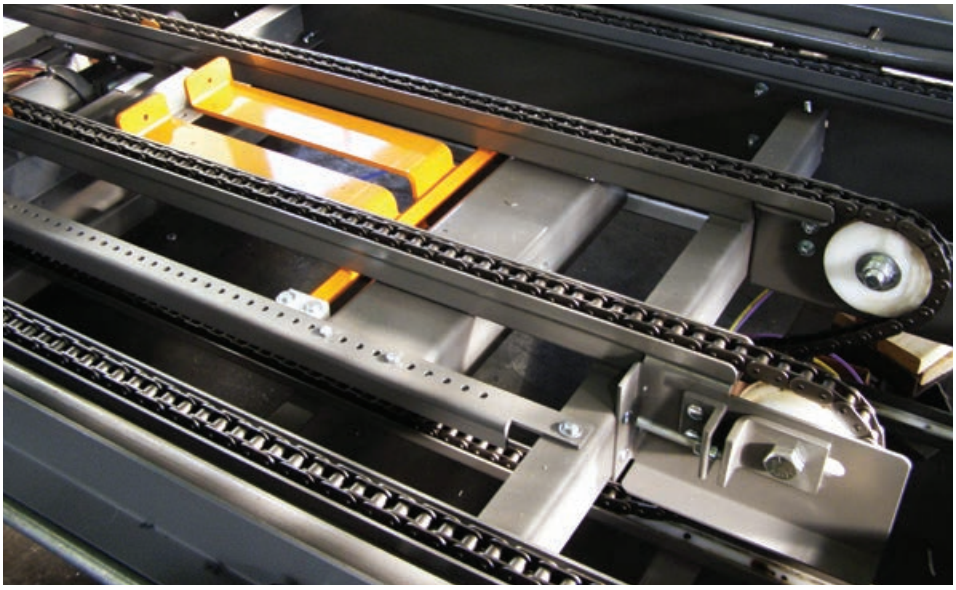
- Transfer cars
- Pallet shuttles
- Pallet load stackers
- Lift and turn devices
- Pallet dispensers
- Slip sheet dispensers
- Pallet inspection stations
- Pickup and delivery stations
- Gates
- Pallet stops
- Side guides
- Photo-eye or reflector brackets
- Automated guided vehicle interface stations



CHAIN-DRIVEN, LIVE-ROLLER (CDLR) CONVEYOR

Low-maintenance, heavy-duty live roller conveyor ideal for transporting pallet loads, containers and various other load types

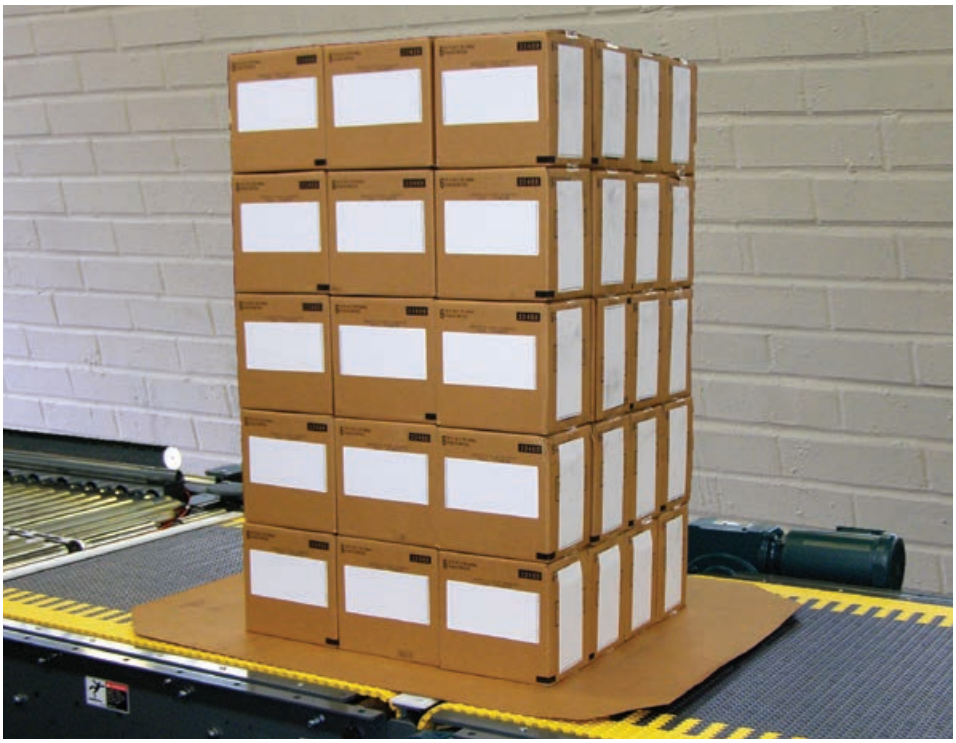
- Positive conveyance of a wide range of loads
- Minimal maintenance requirements
- Seamless integration with other types of pallet conveyors
- Various roller center and drive mount options



MULTI-STRAND CHAIN CONVEYOR

Pallet transportation conveyor available with multiple drive package mounting arrangements, chain strands and chain centers to accommodate a wide range of applications

- Positive conveyance of a wide variety of loads
- Extended lengths possible with a single drive
- Complements CDLR as transportation conveyor
- Minimal maintenance requirements

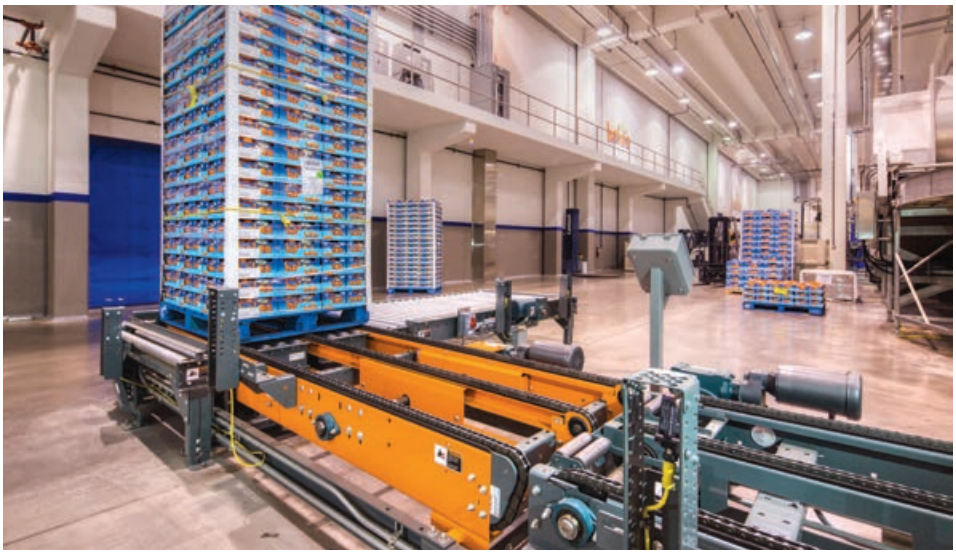


PALMAT™ CONVEYOR

Transportation conveyor featuring a full-width, modular plastic belt for positive load conveyance

- Utilizes heavy-duty modular plastic belting as the conveying surface
- Positive conveyance of fragile or unstable loads
- Fully supported and self-tracking, long-life belt safely conveys molded or specialty pallets and unitized loads on slip sheets

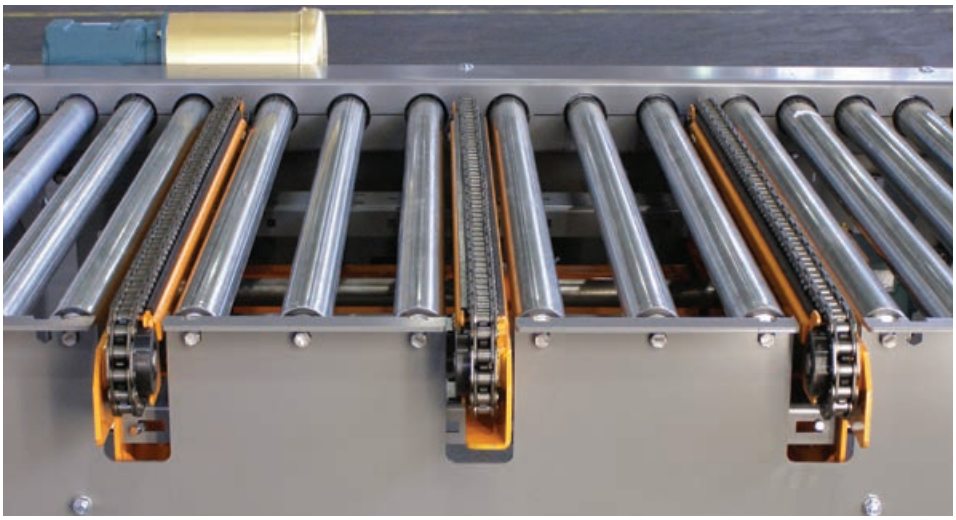
TURNS AND TRANSFERS



PIVOTING CHAIN TRANSFERS

Cost-effective method to merge loads from multiple lanes into a common conveyor line

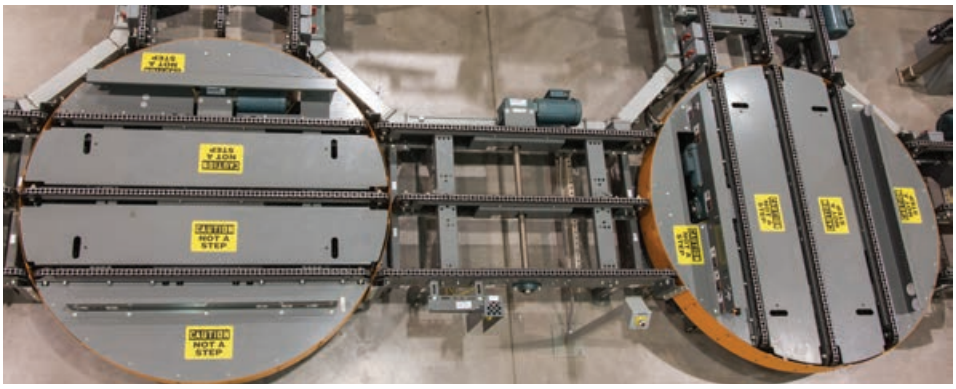
- Combines chain-driven live-roller and multi-strand chain conveyor into a common base
- Reduces the number of drives required in the pallet transfer system
- Executes transfers with minimal impact on load integrity
- Fully integrated assembly reduces installation time



RIGHT-ANGLE TRANSFERS

Facilitate a 90-degree change in direction of pallet flow

- Transfer activation using heavy-duty industrial air bags, air cylinders or motors
- Fully integrated assemblies reduce installation time
- Electrically operated transfers suitable for freezer applications
- Wide range of styles suited for specific applications



TURNTABLES

Smooth, stable and reliable load rotation ensures proper load orientation

- Minimal maintenance requirements
- Smooth and reliable rotation
- Easy integration with other types of pallet conveyors

For more information on Honeywell Intelligrated pallet conveyor systems, visit **sps.honeywell.com.**



SOLUTIONS OVERVIEW

Intelligent automated material handling solutions from Honeywell Intelligrated optimize processes, increase efficiency, and give businesses a competitive edge. Honeywell Intelligrated designs, manufactures, integrates and installs complete warehouse automation and software solutions, including:

- Automated storage and retrieval solutions (AS/RS)
- Conveyor and pallet conveyor systems
- Fulfillment technologies
- Honeywell Robotics
- Labor management software
- Lifecycle Support Services
- Machine controls
- Palletizing and depalletizing
- Sortation systems
- Voice solutions
- Warehouse execution systems

LIFECYCLE SUPPORT SERVICES

Lifecycle Support Services employs a consultative, data-driven approach to achieve your critical business outcomes. By delivering proactive, value-added services and solutions, we can help you to reduce the risk of downtime and increase system availability, longevity and dependability. Drawing from a full spectrum of strategic services, we offer multiple engagement models, tailored to your business, culture and strategy. Our comprehensive portfolio constitutes the key building blocks of a successful lifecycle asset management plan. By conducting assessments of both your equipment condition and operational efficiency, we can determine how to optimize your operations with:

- Engineered Solutions
- Technical Services
- Contract Services
- Training
- Honeywell Intelligrated Spare Parts

THE CONNECTED DISTRIBUTION CENTER

The pace of change in modern commerce is putting tremendous pressure on fulfillment operations. To stay competitive and protect profits, companies need solutions that help them achieve maximum throughput, day-to-day flexibility, future-proof scalability and intelligence to make informed decisions.

The Connected Distribution Center helps companies make the digital transformation necessary to increase reliability, improve utilization and maximize productivity through:

- Intelligent, data-driven, high-speed execution
- Automated, adaptable processes for machines and workers
- Optimized utilization with the ability to seamlessly adapt and expand
- Insights and predictive analytics, from sensors to the cloud

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