Pallet conveyor systems
Intelligrated pallet conveyor systems

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

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.

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.
Industries served:

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

A solution for every pallet conveying need

The extensive range of Intelligrated pallet conveyor solutions provide 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 stretchwrapping operations
Auxiliary products

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
- Pick-up and delivery stations
- Gates
- Pallet stops
- Side guides
- Photo-eye or reflector brackets
- Automated guided vehicle interface stations

Pallet Accuglide™ conveyor

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

- Economical, zoned accumulation conveyor
- Easy installation and start-up
- 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
Standard and custom-designed to meet the needs of manufacturing, warehousing and distribution operations.

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 conveyor
- 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
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 conveyor

For more information on Intelligrated pallet conveyor systems, visit www.intelligrated.com.
Intelligent automated material handling solutions from Intelligrated optimize processes, increase efficiency and give businesses a competitive edge. Intelligrated designs, manufactures, integrates and installs complete material handling automation solutions including:

- Knighted® fulfillment execution systems
- RTS™ order picking technologies
- Datria™ Voice solutions
- InControlWare® machine controls
- IntelliSort® sortation systems
- Conveyor systems
- Alvey® palletizers and robotics
- AS/RS solutions
- 24X7 Customer Service & Support

Intelligrated Customer Service & Support provides all the services, parts and support necessary to keep systems running at peak efficiency. Staffed with a network of Intelligrated professional customer service and support specialists, multilingual customer service is accessible 24X7.
About Intelligrated

Intelligrated is a leading North American-based, single-source provider of intelligent automated material handling solutions that drive distribution and fulfillment productivity for retailers, manufacturers and logistics providers around the world. Through a broad portfolio of automation equipment, software, service and support, Intelligrated solutions optimize processes, increase efficiency and give businesses a competitive edge.

Intelligrated designs, manufactures, integrates and installs complete material handling automation solutions including conveyor systems, sortation systems, palletizers, robotics, automated storage and retrieval systems, and order picking technologies – all managed by advanced machine controls and software. Solutions include industry-leading Intelligrated-manufactured Alvey®, RTS™ and IntelliSort® brand equipment and Knighted® warehouse management (WMS), warehouse control (WCS) and labor management software.

Every project is backed by Intelligrated’s 24X7 multilingual technical support and access to lifecycle service through a network of national, regional and local service centers. From concept to integration to lifecycle support, Intelligrated automation delivers distribution and fulfillment success.