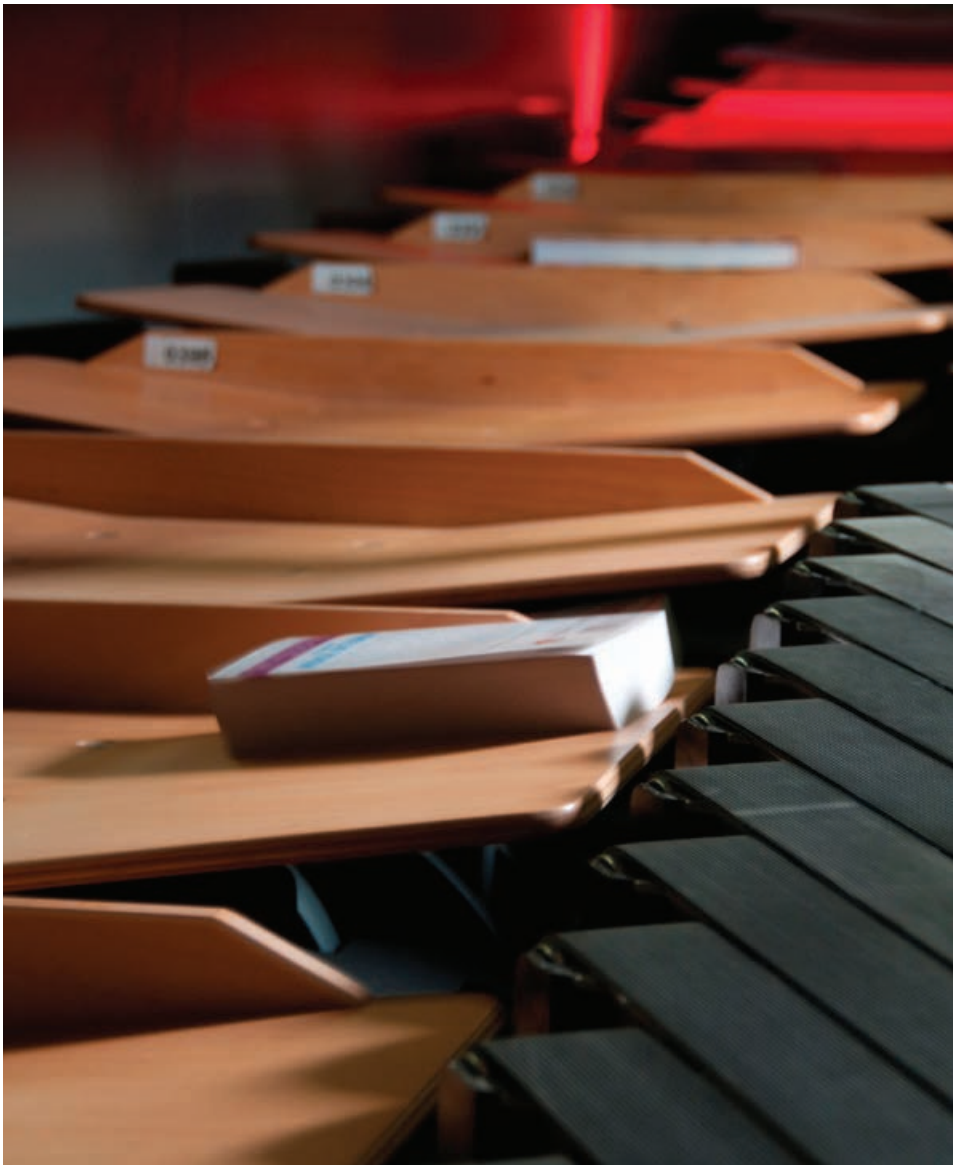
AUTOMATED SORTATION SYSTEMS

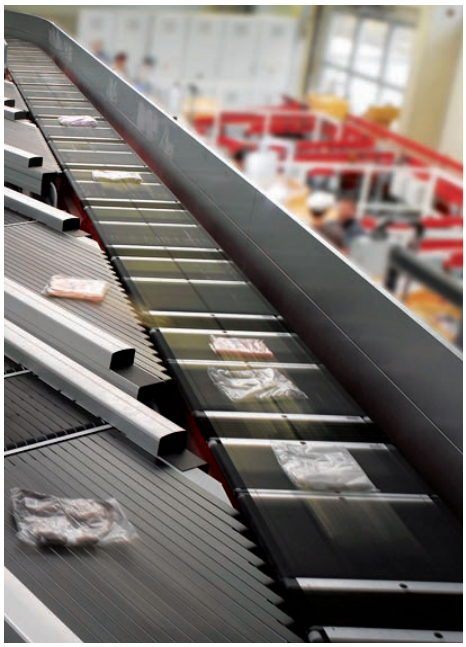


Honeywell Intelligrated®

HONEYWELL INTELLIGRATED SORTATION SYSTEMS

Honeywell Intelligrated draws on more than 100 years of sortation experience and thousands of installations to provide sortation systems that deliver efficient, high-performance automated distribution and fulfillment operations for retailers, manufacturers and logistics providers around the world. Best-fit solution development provides sortation systems tailored to any market or application, capable of handling a wide variety of product types and sizes, from malleable polybags to rigid totes and cases. Honeywell Intelligrated backs mission-critical sortation systems with total lifecycle support for maximum uptime, durability and return on investment.





ADVANCED SORTATION TECHNOLOGY, EXCEPTIONAL RELIABILITY

Honeywell Intelligrated sortation technology accommodates the widest range of product size, shape and capacity requirements in the industry. Optimized for the most demanding applications, Honeywell Intelligrated sortation systems offer the highest throughput rates at minimal speeds, preserving product integrity and key system components for years of reliable, low-maintenance operation. Each sortation system is designed based on an extensive history of experience to ensure gentle handling and smooth product flow while maintaining low noise levels and consuming less energy. Systems are equipped with comprehensive software and controls to optimize operation, calibrate machine logic, and quickly diagnose issues to minimize downtime.







A SOLUTION FOR EVERY SORTATION NEED

Honeywell Intelligrated sortation systems enable fast and efficient direction of product throughout a facility from order consolidation and routing to returns and shipping. Featuring a variety of sorter designs to quickly and accurately handle cases, totes, polybags and singulated items, Honeywell Intelligrated sortation technology provides solutions for a variety of workflow operations, including:

Order consolidation – Combine items from multiple locations and improve order processing time and accuracy

Routing – Direct orders to value-added services, retail replenishment or direct-to-consumer shipping lanes

Reject – Prevent the wrong item from going to the wrong destination, reducing incorrectly filled orders and returns

Flow balancing – Efficiently handle peaks by evenly distributing orders throughout the fulfillment operation

Returns – Seamlessly move returned inventory back into storage or repackaging/inspection operations

Shipping – Quickly and accurately direct product to proper staging and shipping lanes

Zone skipping – Consolidate e-commerce orders by destination to save cost and time

INDUSTRIES SERVED:

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

THE WIDEST ARRAY OF SORTATION SOLUTIONS

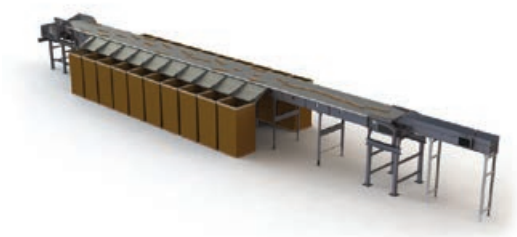
> "The sorter is so quiet that I can stand next to it and still have a cell phone conversation."
>
> — Doug Pace,
> General Manager, McKesson



INTELLISORT® HS 2.0

Innovative sliding shoe sorter engineered for gentle handling of a variety of product types in high-throughput applications.

- Patented "soft touch" divert system provides high-speed, gentle carton control and divert accuracy by reducing item impact speed by 500 percent with patented gapping technology
- Stealth shoe and hard coat aluminum flight design minimize non-conveyables and eliminate pinch points
- Integrated, in-stock components feature modular, standardized construction for faster installation and commissioning
- Unrestricted, flexible divert components allow down lanes to be located anywhere along the length of the sorter
- Industry-leading throughput rates with the fastest standard speeds
- 10-year chain warranty through The Connected Distribution Center
- Metric hardware for international installations
- Drive and idler guards prevent access to transitions between belt and flights
- Customer-specified guards span the length of each intermediate section
- Optional, integrated side and bottom panels



INTELLISORT HDS

High-density sliding shoe sorter offers fast, precise diverts of a variety of product and packaging types to enable zone-skipping strategies.

- Innovative dual-sided design accommodates high density of divert chutes in minimal floor space
- Patented soft touch divert technology provides gentle control and reduced item impact speed, without compromising throughput or divert accuracy
- Capable of handling a variety of item sizes and packaging types, even polybags



INTELLISORT WHEEL DIVERT

Pop-up wheel divert sorter for consistent, jam-free, mid-rate orientation of smaller products.

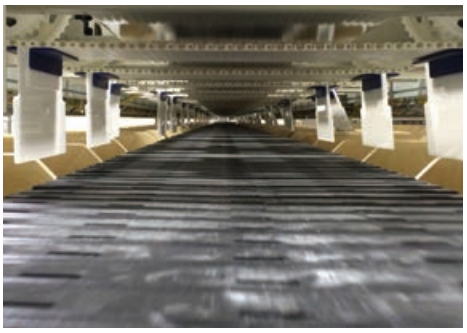
- Pneumatically actuated, clutch-powered divert system for clean, quiet operation with minimal downtime
- Easily adjustable divert wheel height improves divert performance and reliability
- Urethane lagged and crowned pulleys enhance product tracking
- Fast, easy maintenance with removable drawer access to replace components, make adjustments, or replace divert mechanism tray



INTELLISORT SB45 AND SB90

Strip-belt, pop-up wheel and roller designed to maintain carton alignment and adjust item orientation for mid-rate applications.

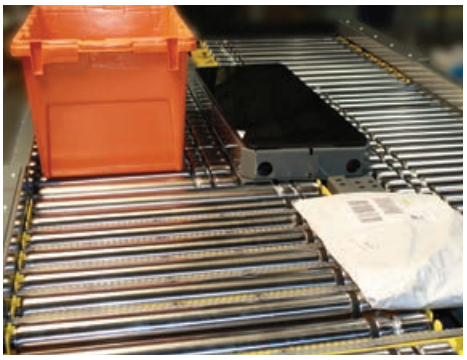
- Continuous carrying surface improves divert accuracy
- Captured strip-belt design increases component stability and ensures uptime
- 90-degree diverts change item orientation, maximize downstream accumulation density
- 45-degree diverts optimize throughput, increase layout flexibility



INTELLISORT SWEEPER SORTER

Fast, quiet, reliable sorter designed for small- to medium-sized items that are otherwise difficult to handle on automated systems.

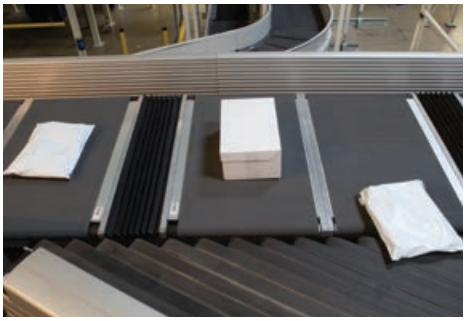
- Bi-directional divert motion requires no return stroke for greater speed and efficiency
- Operates as a stand-alone module or in configurable array for large sorting applications
- On-demand power conserves energy and runs quietly with low internal friction



MDR DIVERTS AND TRANSFERS

Motor-driven roller sortation solution utilizes individually powered zones and multiple transfer belts to facilitate changes in direction.

- Innovative design enables bi-directional operation, maintains consistent product height for increased item control and throughput rates
- Run-on-demand features use up to 50 percent less energy
- Intuitive controls and efficient design enable simple belt replacement and easy maintenance



INTELLISORT CB

High-capacity, flexible cross-belt sorter designed to handle fragile, high-friction items in high-volume applications.

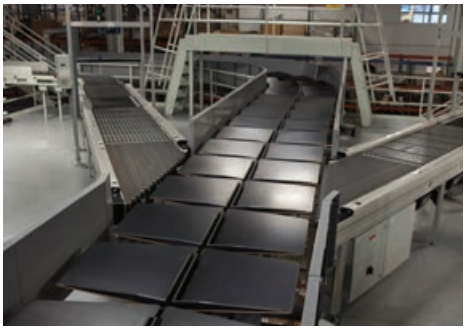
- Patent-pending “Dynamic Discharge Compensation Technology” enables precision discharge for improved sortation accuracy
- Several cart configurations available to increase small to large item capacity
- Modular design scales to fit future growth and enables layout flexibility for seamless integration into existing facilities



INTELLISORT TT

Quiet, low-maintenance, tilt-tray sorter engineered for high-capacity, high-speed sorting applications.

- Tray design accurately handles a wide variety of product sizes and shapes
- Virtual sorter capability enables dual-purpose operation for peak capacity and high-volume runs
- Modular design scales for future growth and enables layout flexibility for seamless integration into existing facilities
- Low-profile sorter frame allows for maneuverability in dense locations



INTELLISORT DT

Double-tray sorter provides increased sortation capacity in a reduced footprint for critical high-speed sorting applications.

- Double-tray design is equipped with two independently controlled trays per cart
- Tray make-up customized based upon product mix and operational requirements
- Linear induction motors (LIM) eliminate gears, belts and chains, lubricant requirements and friction



INTELLISORT BOMB BAY

Quiet, high-capacity sortation solution drops items into destination chutes, ideal for high-throughput, e-commerce operations.

- Flat carrying surface reliably handles wide range of product sizes and shapes such as polybags, multimedia and mail
- Variety of sortation destinations, including carton, tote or engineered packaging chute
- Available in single, dual or heavy-duty, split-tray styles



INTELLISORT PUSH TRAY

Flexible, mid-capacity sorter capable of handling multiple packaging types and sizes.

- Capable of handling multiple items in same application, from 7-ounce polybags to 40-pound cartons
- Available in single-tray or twin-tray styles
- Configurable for induction on both sides to increase capacity

For more information on Honeywell Intelligrated sortation 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 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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THE FUTURE IS WHAT WE MAKE IT

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