CASE, TOTE AND POLYBAG CONVEYOR SYSTEMS



Honeywell Intelligrated®

CASE, TOTE AND POLYBAG CONVEYOR SYSTEMS

Conveyor solutions from Honeywell Intelligrated help retailers, manufacturers and logistics providers build efficient, high-performance automated distribution and fulfillment operations. Flexible conveyor systems satisfy today's material handling demands, handling a wide variety of product types, from malleable polybags to rigid totes and cases. Scalable designs provide the right level of automation for operational needs and offer industry-leading reliability to keep high-throughput systems running during critical peaks. Backed by total lifecycle support, Honeywell Intelligrated conveyor systems deliver maximum uptime, durability and return on investment.

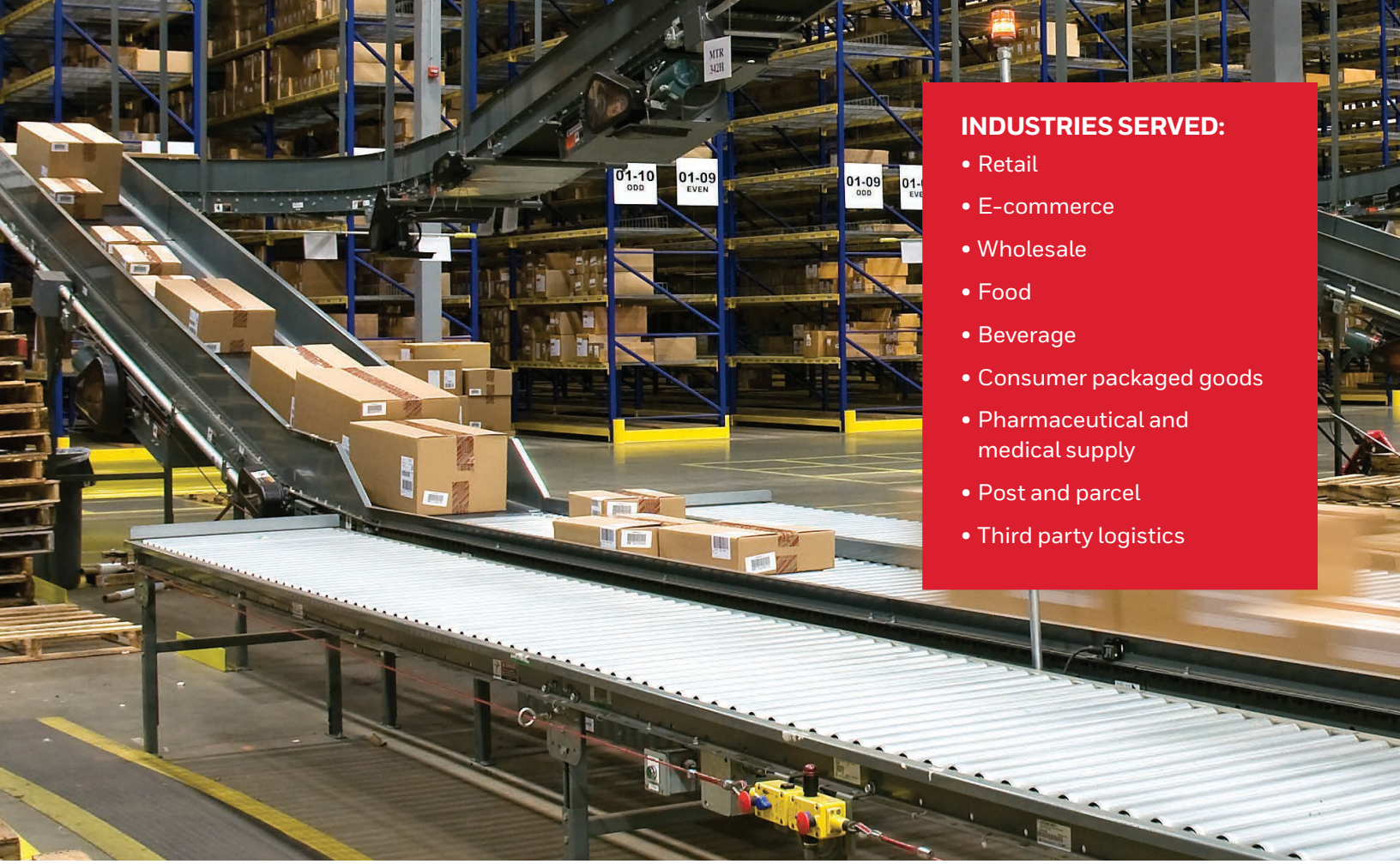




FAST, GENTLE PRODUCT HANDLING IN SCALABLE, COMPACT DESIGNS

Configured as modular components, Honeywell Intelligrated conveyor solutions occupy a minimal system footprint and seamlessly integrate with other automated equipment.

Coupled with advanced controls and software, Honeywell Intelligrated conveyor solutions provide fast, gentle product handling to preserve package integrity while maintaining high throughput levels. Complete integration and support services combined with industry-leading engineering and ease of maintenance ensure a lifetime of reliable service.



INDUSTRIES SERVED:

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





A SOLUTION FOR EVERY CONVEYING NEED

The extensive range of Honeywell Intelligrated conveyor solutions provides flexible, scalable options for every operational requirement, with a variety of conveying surfaces to gently accumulate and transport products and packaging types.

Receiving lanes – Unload and move incoming products to the right place at the right time

Accumulation buffering lanes – Enable high-density, zero-pressure accumulation for efficient and gentle throughput

Full case picking – Ensure durable, energy-efficient transportation through the system

Split case picking – Combine conveyor with zone routing and light- or voice-guided solutions to improve picking efficiency

Empty corrugate and bulk conveyance – Enable smooth, jam-free transport of corrugate and wide variety of bulk material

Merge – Combine multiple lines at high throughputs with optimal speed and product density

Shipping lanes – Direct product to the proper lanes for staging and shipping

ACCUMULATION AND TRANSPORTATION CONVEYOR

> "Honeywell Intelligrated provided fresh ideas, state-of-the-art equipment, and started the system up three weeks ahead of schedule, allowing us adequate time to train our operations team for our peak season."

— Rick Sestrich,
Sr. Director of Operations,
McGraw-Hill

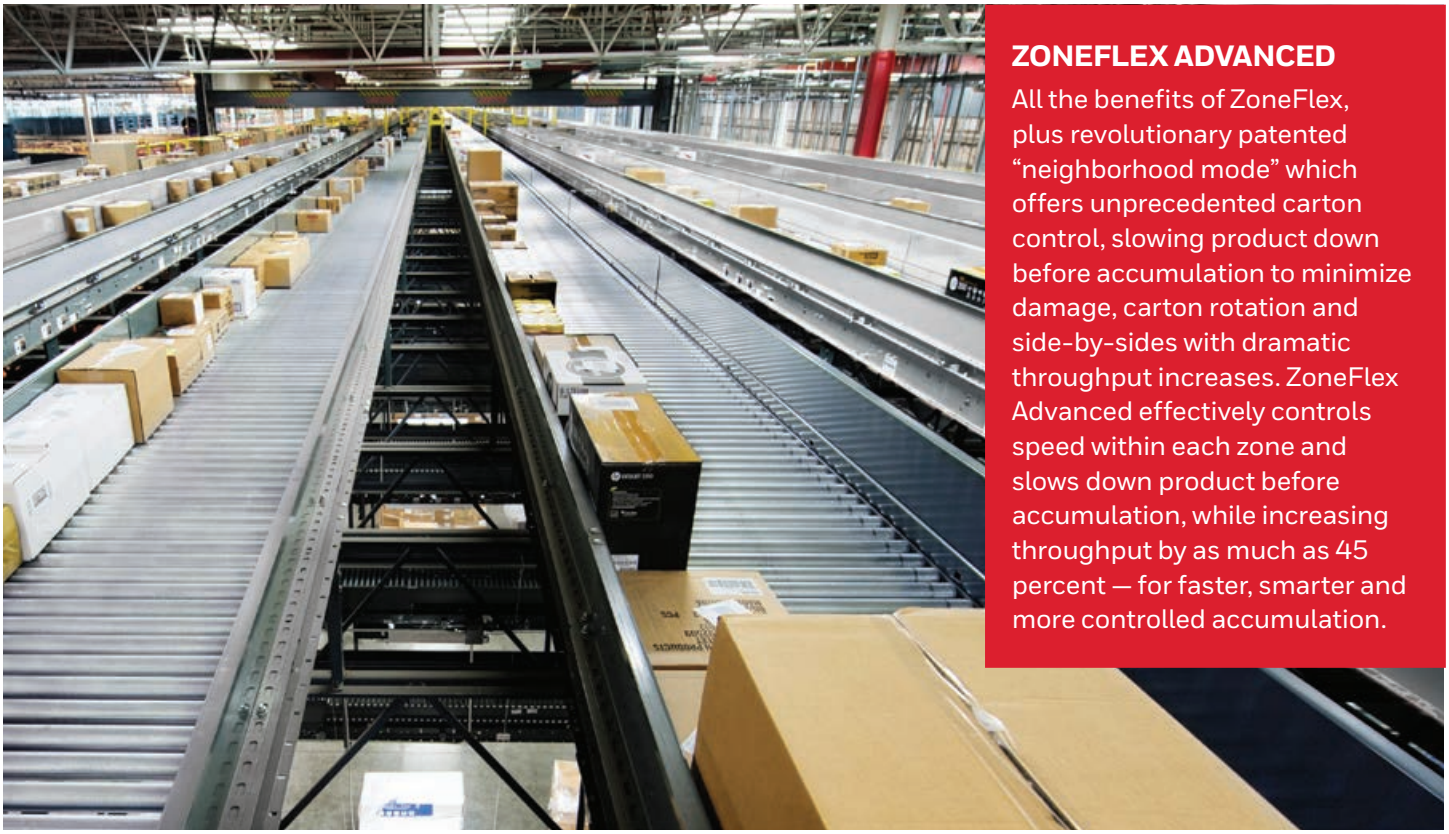
ZONEFLEX

ZoneFlex®, a zero-pressure zone control solution for Accuglide™ and IntelliQ® accumulation conveyors, optimizes product flow of varied package sizes and weights, while delivering superior carton control, gentle product handling, high-density accumulation and maximum throughput.

With built-in logic and selectable release modes, ZoneFlex quickly moves accumulated product downstream by monitoring and automatically responding to accumulation conditions. This capability simplifies control logic and increases available product for smooth downstream operations.

Standard modules include:

- Easy selection of accumulation and release modes
- Clip-in mounting, quick connectors and LED diagnostics
- Easy dip switch configuration



ZONEFLEX ADVANCED

All the benefits of ZoneFlex, plus revolutionary patented "neighborhood mode" which offers unprecedented carton control, slowing product down before accumulation to minimize damage, carton rotation and side-by-sides with dramatic throughput increases. ZoneFlex Advanced effectively controls speed within each zone and slows down product before accumulation, while increasing throughput by as much as 45 percent — for faster, smarter and more controlled accumulation.

INTELLIQ ZONEFLEX

Belt-driven, zero-pressure accumulation conveyor engineered to operate efficiently and quietly with minimal maintenance.

- Powered by ZoneFlex
- Narrow belt with v-guide driving mechanism to minimize operating noise and maintenance requirements





ACCUGLIDE ZONEFLEX

Chain- and pad-driven, zero-pressure accumulation conveyor controls product flow and optimizes throughput while minimizing product damage.

- Powered by ZoneFlex
- Chain- and pad-driving mechanism for durability
- Accumulates through curves using a single drive

MOTOR DRIVEN ROLLER (MDR) CONVEYOR

Rollers with integral 24VDC motors enable individually powered zones for true zero-contact accumulation. Honeywell Intelligrated offers multiple zone lengths, advanced logic options and a wide range of standard building blocks.

- 50 percent more energy-efficient than traditional conveyor systems
- Quiet operation
- Easy, low-cost start-up and maintenance
- Inherently safe for close operator interaction
- Local and system level control

For MDR decline applications, IntelliFlow™ combines powered and non-powered gravity rollers to minimize large carton backpressure and ensure smooth flow of light cartons down declines.





BELT AND BRAKE METER BELT CONVEYOR

Full range of belt products from simple transportation and elevation changes, to high-speed motion control gapping applications.



GRAVITY CONVEYOR

Non-powered conveyor provides straight and curved transport, designed for reduced system complexity and minimal noise.



CASEMAT™ AND ACCUMAT®

Modular plastic belts provide rollerless accumulation and transportation through curves, straights, inclines and declines.



BULK FLOW

Robust bed frame, high side guides and pre-engineered dump points enable reliable, jam-free conveyance of a wide variety of bulk material.

V-BELT LIVE ROLLER CONVEYOR

Flexible live roller conveyor quietly and gently transports product through curves, skews, merges and sortation equipment.





UNSCRAMBLER

Mechanical solutions minimize side-by-sides and jams while promoting singulated product flow.

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

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