

M-SERIES CASE, TOTE AND POLYBAG CONVEYOR SYSTEMS



Honeywell

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AUTOMATION THAT DELIVERS

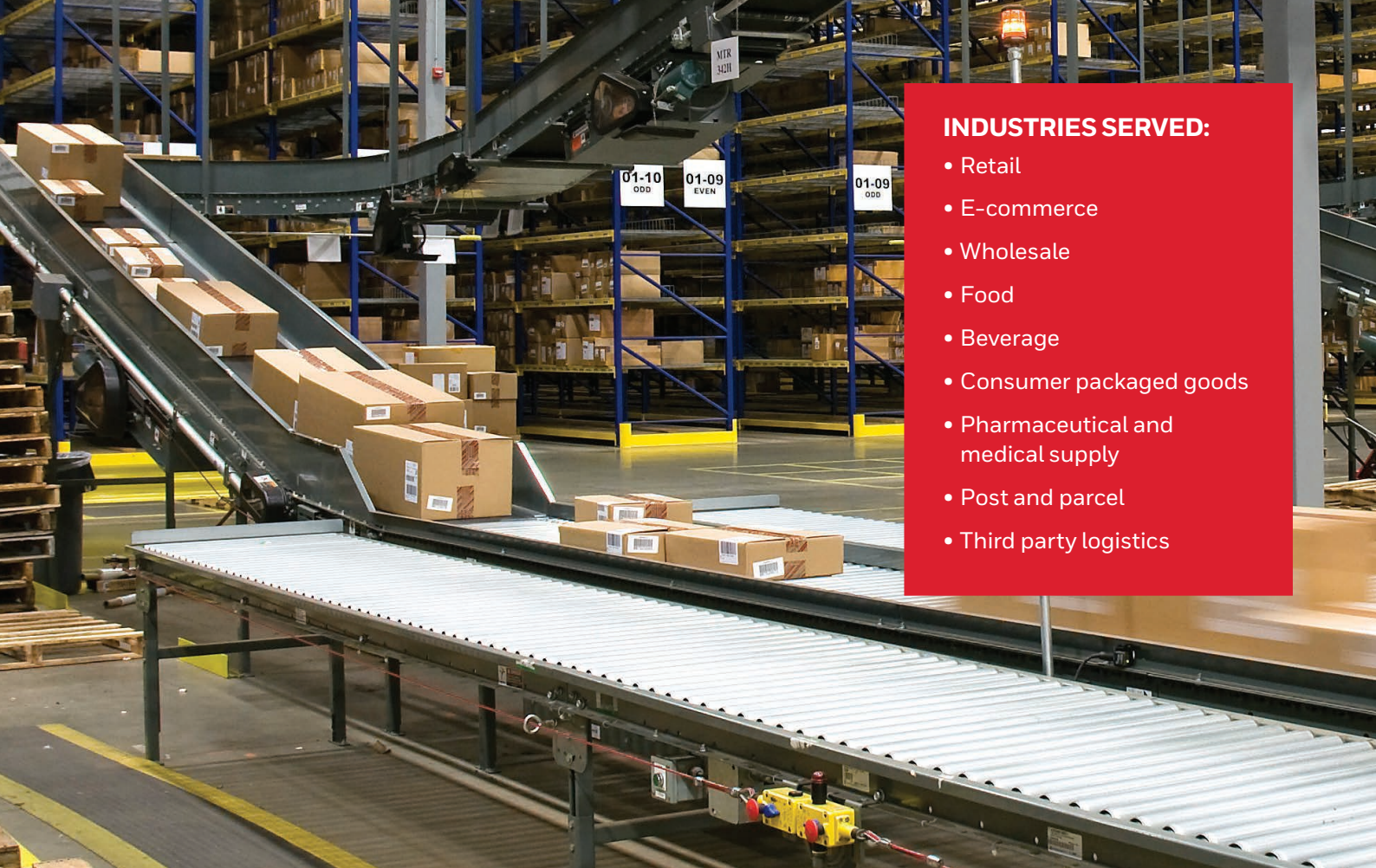
M-Series conveyor solutions from Honeywell help retailers, manufacturers and logistics providers build efficient, high-performance automated distribution and fulfilment operations. Flexible conveyor systems satisfy today's material handling demands, handling a wide variety of product types, from malleable 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 conveyor systems deliver maximum uptime, durability and return on investment.



FAST, GENTLE PRODUCT HANDLING IN SCALABLE, COMPACT DESIGNS

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

Coupled with advanced controls and software, Honeywell M-Series 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 M-Series conveyor solutions provides flexible, scalable options for every operational requirement, with a variety of conveying surfaces to gently accumulate and transport a variety of 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 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 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

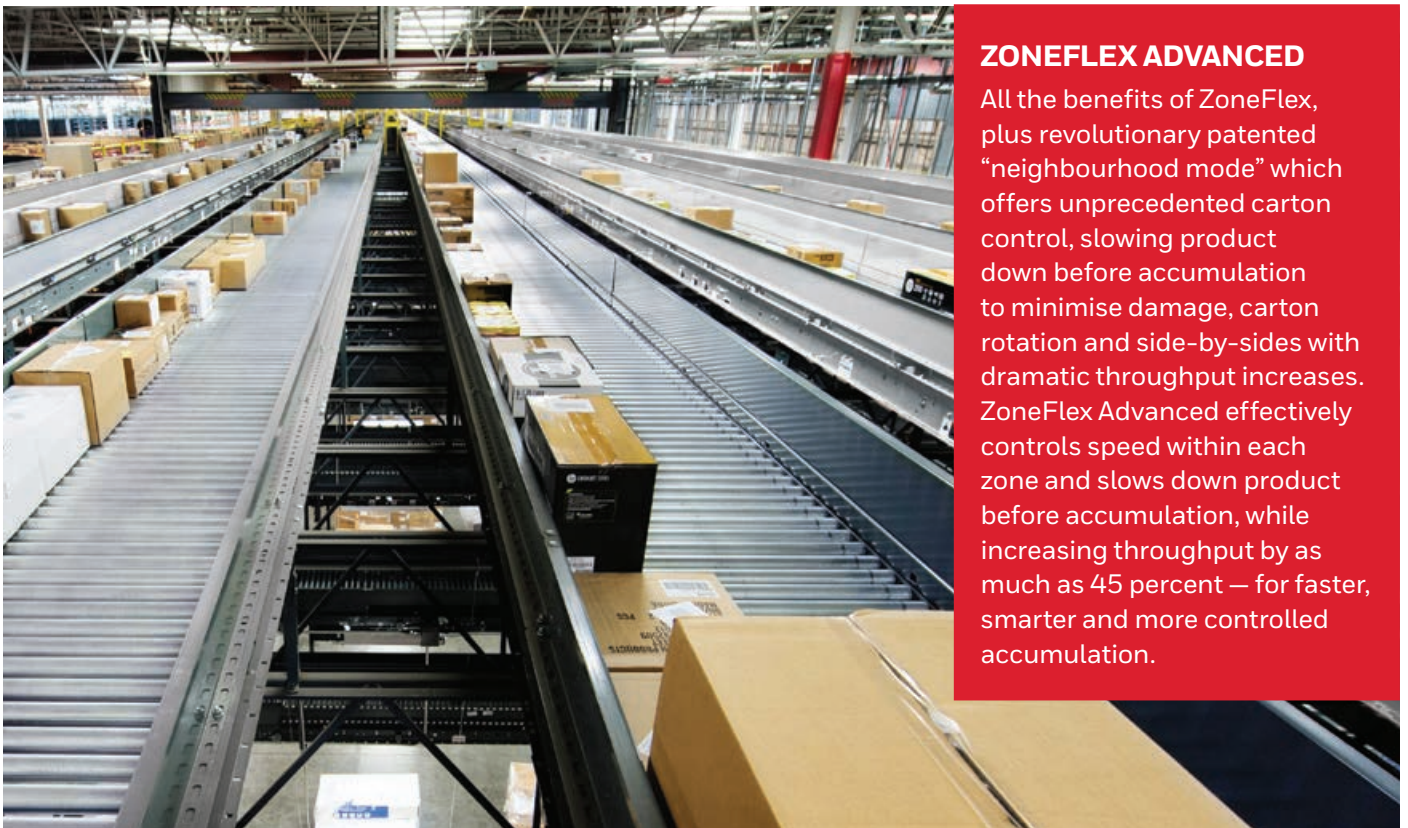
ZONEFLEX

ZoneFlex®, a zero-pressure zone control solution for IntelliQ® accumulation conveyors, optimises 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 “neighbourhood mode” which offers unprecedented carton control, slowing product down before accumulation to minimise 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 minimise operating noise and maintenance requirements



MOTOR DRIVEN ROLLER (MDR) CONVEYOR

Rollers with integral 24VDC motors enable individually powered zones for true zero-contact accumulation. Honeywell 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





BELT AND BRAKE METER BELT CONVEYOR

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

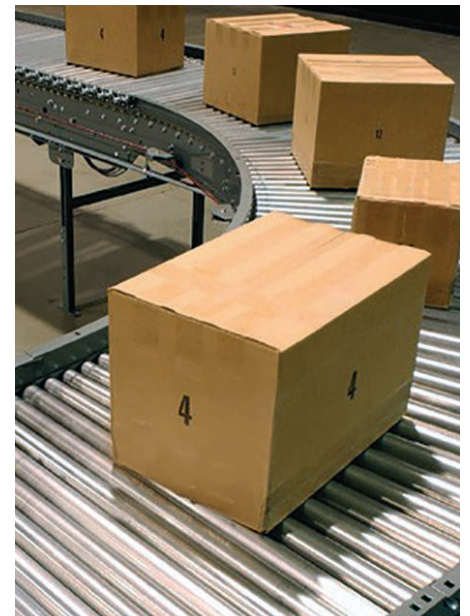


BULK FLOW

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.



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



SOLUTIONS OVERVIEW

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

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

LIFECYCLE SERVICES

Lifecycle 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 optimise your operations with:

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

THE CONNECTED DISTRIBUTION CENTRE

The pace of change in modern commerce is putting tremendous pressure on fulfilment 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 Centre helps companies make the digital transformation necessary to increase reliability, improve utilization and maximise productivity through:

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

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