VERTICAL CONVEYOR AND SORTATION SOLUTIONS

CUSTOM DESIGNS AND SUPPORT TAILORED TO OPERATIONAL REQUIREMENTS

Honeywell designs and manufactures custom vertical conveyor technologies to minimize footprint and increase operational productivity and efficiency. The custom Honeywell engineering approach allows operations to modify or upgrade existing systems or implement a new, innovative approach tailored to unique requirements in retail distribution, manufacturing, pharmaceutical and postal industries.

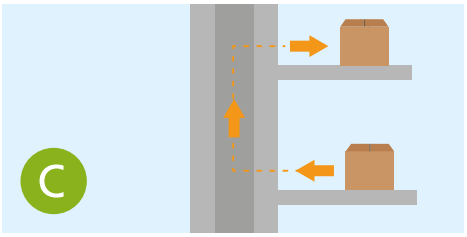
Backed by total lifecycle support, Honeywell solutions deliver maximum uptime, durability and return on investment. The combination of industry-leading engineering and complete integration and support services ensures a lifetime of reliable service.

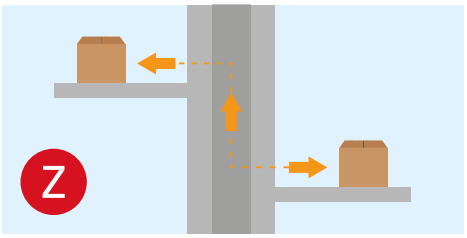
MULTIPLE CONFIGURATIONS TO FIT ANY APPLICATION

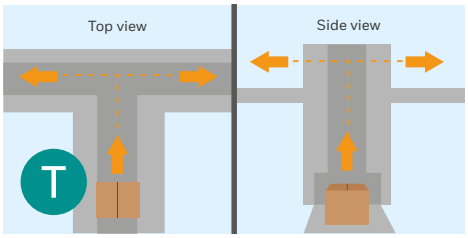
Vertical solutions automatically store, lift and transport totes overhead to improve space utilization and worker safety, and route totes to appropriate conveyors for automatic transport between processes.

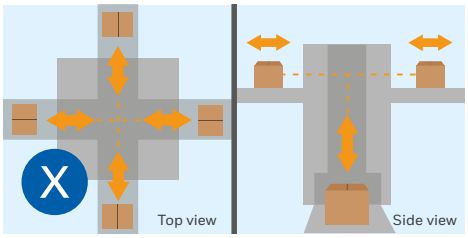
This flexibility comes through a range of configurations:

- **C configuration** – Product enters and exits on the same side but at different elevations
- **Z configuration** – Product enters and exits on opposite sides
- **T configuration** – Product turns at a 90-degree angle, exits perpendicular to the direction of entry
- **X configuration** – Product enters and exits on any side









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VERTICAL INDEXING CONVEYOR

A vertical indexing conveyor transfers product in a single direction, up or down, with multiple discharge chutes and entry locations for high system flexibility. Compact designs, efficient timing belt technology and optimized cycle times enable maximum throughput and years of reliable, low-maintenance operation.

VERTICAL RECIPROCATING CONVEYOR

The bi-directional vertical reciprocating conveyor can move product up and down in the same unit, with user-configurable input and discharge heights for maximum system flexibility. Industry-leading speeds of 40 inches per second and a variety of configurations handle a diverse array of products to exceed operational requirements.

Vertical reciprocating conveyors with entrances and exits on each side and multiple elevations can also be used for vertical sortation. The system offers the most total sort possibilities to maximize flexibility in a minimum footprint for enhanced operational efficiency.



HONEYWELL VERTICAL CONVEYOR IS WELL-SUITED FOR A VARIETY OF APPLICATIONS

- **Accumulation buffering** – Control product flow to keep downstream operations moving efficiently
- **Kitting** – Release totes packed with components to workstations and handle take-away of empties
- **Direct-to-zone and zone-to-zone routing** – Supply totes directly to each pick zone to facilitate faster fulfillment
- **Staging and sequencing** – Efficiently accumulate full and empty totes in sequence for downstream processes
- **Wave picking** – Separate hand-picked batches of the same item into multiple order waves to feed downstream processes

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THE FUTURE IS WHAT WE MAKE IT

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