



*Built to customer specifications  
C-configuration shown*

Compact design enables vertical transport of totes or boxes using quiet, reliable, and efficient timing belts.

### Key Functions

- Optimized cycle times to meet throughput requirements by indexing vertical locations
- Product can be transferred up or down
- Multiple discharge or entry locations
- Customized footprint
- Multiple user configurable heights
- 24 volt DC control voltage
- Optional user configured safety features i.e. proximity sensors, photoelectric sensor or limit switches
- Perforated steel or plastic window designs available
- Servo or VFD options available

*See reverse for specifications*

## General Requirements

Overall Electrical Requirements	208 VAC 3-phase + neutral, 20A
Internally Supplied Control Requirement	24 VDC, max 5A
Operational Temperature range	10° C to 35° C (14° F to 95° F)
Maximum Relative Humidity	90% @ 50° C (122° F)
Motor Specifications	IP 54, CE listed

## Mechanical Specifications

Configuration Types	“C” and/or “Z” configuration
Overall Dimensions	Scaled to customer requirement
Overall weight of product	Scaled to customer requirement
Typical speed of vertical travel	1016mm/s (40 inches/s)
Typical operational speed of horizontal transfer	400mm/s (15.75 inches/s)
Typical Cycle Time	25 cycles per minute
Product dimensions capability	Scaled to customer requirement
Noise level	62 dB
Actuator belt dimensions	25mm (0.98 inches) wide
Actuator belt composition	Polyurethane with internal steel reinforcement cords
Actuator belt tensile strength	794 Kg (1750 Lbsf)
Actuator belt life	3 to 5 million cycles

*\*based on flexural fatigue of the individual steel cords*

## Other Specifications

Duty Cycle	Up to 24 hours per day, seven (7) days per week, and 52 weeks per year
Manual Operation	Manual operation available from the control panel or remote (customer specified)
Overall Dimensions	the overall height, width and depth dimensions of the VIC unit shall be designed to customer specifications
Protection	VIC is equipped with full overload circuit protection and optional user configured safety features (i.e. photo eyes, photo electric sensor or bumper switches)



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