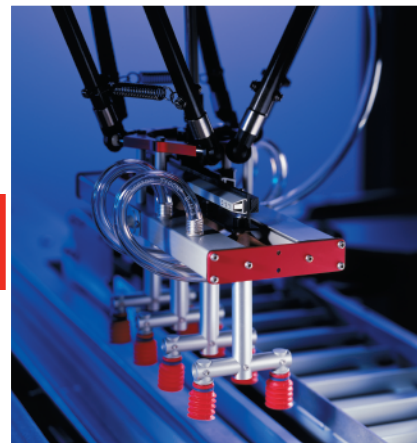


## Presto Top Loader

Collating and placing your products into cartons or trays with the advanced tracking of a Delta Robot



### **FAST:**

- Up to 400 products/minute

### **DELICATE PRODUCT HANDLING:**

- Vacuum cup end-effectors

### **MAXIMUM FLEXIBILITY:**

- Production change-over by 1 person in 10 minutes with inexpensive change-over parts
- Grippers designed to pick up almost any kind of product
- Grouping products in layers, rotation them or squeezing them together for tight-fitting cartons
- Advanced product tracking for precision placement even when products are in motion

### **COLOR TOUCH SCREEN HMI:**

- Intuitively menu driven windows to set-up, change-over, and run different productions

### **COMPACT:**

- 1.3 x 1.7 m (4.2 ft x 5.5 ft) foot-print

### **LOW MAINTENANCE ROBOTICS:**

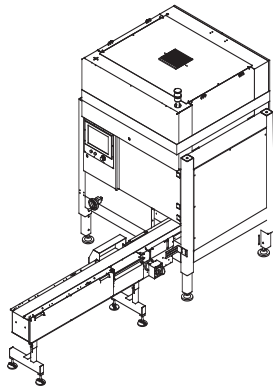
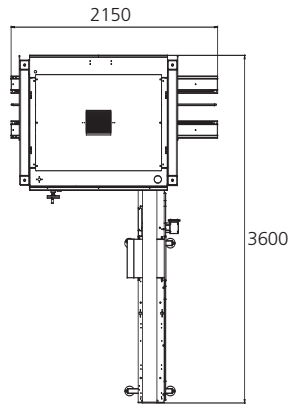
- Designed for 3-shifts a day operation
- Fixed position motors and no bending wires for longer life and higher speeds
- Composite materials for strength and long life
- No lubricants and no gear boxes
- Robot arms are collapsible and remountable in 2 minutes
- Advance tracking eliminates the 2nd collation chain common to most top loading solutions

### **EXPERIENCE:**

- Over 600 patented parallel axis Delta Robots in production today

# Presto Top Loader Technical Information

## PRESTO LAYOUT:



## PRODUCT RANGE:

- Capable of handling a wide variety of products that fit into the following product range:

	Minimum	Maximum
Length:	50 mm (2 in)	200 mm (7.9 in)
Width:	15 mm (0.6 in)	120 mm (4.7 in)
Height:	6 mm (0.24 in)	60 mm (2.3 in)
Weight:	0 g (0.022 lb)	1 kg (2.2 lb)

Exception: no bare food products

## PRODUCTS IN A LAYER:

- Maximum quantity in a layer: 12
- Maximum number of rows in a layer: 2
- Maximum weight of a layer: 1 kg (2.2 lbs)

## PRODUCT INPUT REQUIREMENT:

- Single-stream flow via conveyor belt; minimum spacing between product is 10% of product length

## CARTON OR TRAY RANGE:

	Minimum	Maximum
Length:	60 mm (2.4 in)	420 mm (16.5 in)
Width:	45 mm (1.75 in)	320 mm (12.6 in)
Height:	25 mm (1 in)	150 mm (5.9 in)

## CARTON INPUT/OUTPUT REQUIREMENTS:

- Conveyor transport to and from the Presto

## OPTIONS:

- Grouping products in layers and squeezing them together for tight-fitting cartons
- Rotating products during the pick and place
- Turning products on-edge before top loading (maximum product width 60 mm)
- Packing configuration for 1 or 2 rows in a layer (more rows are possible if products are less than 100 mm long)
- Additional 1 m infeed belt for increased control of spacing between products in the production flow

*Robot speed is dependent on product size and weight. Not all products that fit in the product range can be packed at the maximum cycle speed. Check with sales support to determine the maximum cycle speed for your application. Technical information is subject to change without notice.*

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