

The Vari-Right, a three-flap, right angle closer for top load cartons has a revolutionary variable pitch design. It incorporates the dual benefits of lugged carton control and random in-feed timing, as a result of “infinitely variable” flight centres. Patented “pop up” lug technology has been optimized in a full servo motor platform. Vari-Right’s unique design couples the carton control benefits of a lugged carton closer without sacrificing the advantages of a random style carton infeed.

**Patented Variable Flight Pitch**

Infinitely-variable flight centers are created by Vari-Right’s “pop-up lug” technology, which fires lugs only when a carton is present. This patented technology provides positive carton control and allows for a broad carton size range.

**Insight<sup>®</sup> Colour Touch Screen**

Insight software package is a graphics-based operator interface. The wide use of pictures and icons makes the system simple to operate, reducing operator training, as memory recall of pictures is almost three times greater than that of text.

**Absolute Cover Registration**

Flawless registration is achieved by first folding the trailing charlotte flap, ensuring consistent alignment of the front tuck. With the front truck aligned and glued, the charlotte flaps are promised seamless registration, dramatically reducing carton waste and offering ideal presentation of the final package.

**Rockwell/Allen Bradley Controls**

Vari-Right is supported by Allen Bradley ControlLogix and A-B<sup>®</sup> Kinetix servo motors, offering industry leading control technology and highly reliable servo motion control.

**Automatic Program Setup**

Parameter settings are automatically adjusted for optimal performance based on carton size and speed, allowing increased operating efficiency and reduced waste.

**Easy, Three-Dimensional Size Change**

Automatic program set up, and a simple mechanical hand-wheel for dimensional changes, make size change achievable in less than ten minutes.



**Compact Footprint**

The Vari-Right offers the fastest speeds of any right angle carton closer, with speeds up to 120 cartons per minute, in an efficient footprint. Additionally, opposite-hand discharge offers greater layout flexibility.

**Product Variability**

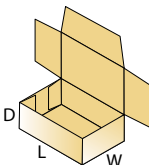
Flexible overhead carton guides compensate for overstuffed cartons, allowing for variations in product and reducing downtime.

## PERFORMANCE

**SPEED:** Variable from 30 cpm up to 120 cpm

*Actual speed depends upon machine configuration and carton size and style.*

## CARTON SIZE RANGE

	MIN.	MAX.
 <b>Length</b>	102 mm (4.0")	381 mm (15.0")
<b>Width</b>	83 mm (3.5")	305 mm (12.0")
<b>Depth</b>	38 mm (1.5")	127 mm (5.0")

*An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system.*

## OPERATING REQUIREMENTS

### ELECTRICAL:

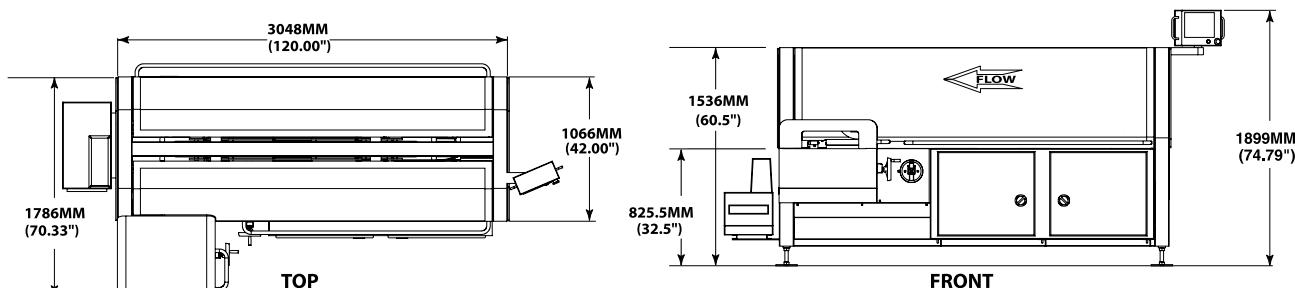
380–460 VAC, 3-Phase with ground (PE), 50/60 Hz, 40A

*Electrical system conforms to Safety and Code of Compliance Editions of HSWA, IEC (ENC60204) and NFPA 79.*

**AIR:** 708 Litres/min (25 cfm) @ 5.5 bar (80 psi)

## CONSTRUCTION

Fully-welded stainless steel frame. Stainless steel shafts. Chains, pulleys and sprockets are nickel-plated or UHMWP. Polycarbonate overhead guards.



## STANDARD FEATURES

- Heavy-duty fully-welded tubular stainless steel frame with a compact footprint
- A-B<sup>®</sup> ControlLogix machine controls
- Dynamic adjustment of drives via touch screen
- User-friendly Insight<sup>®</sup> colour touch screen icon-based operator interface for easy setup and operation
- Driven infeed to accept random carton flow
- Cantilevered overhead carton transport assemblies with automatic lift-away on machine stop
- Digital indicators for easily-repeatable size changes
- Independent servo and VFD metering for each machine section
- CE Mark
- Nordson<sup>®</sup> ProBlue 10 hot-melt totally enclosed nozzle-type applicator.

## OPTIONAL FEATURES

- Hood-cover closure (cover left infeed only)
- Cover-left carton orientation
- Opposite-hand machine orientation (discharge)
- Special electricals
- Size range modifications
- Automatic and/or cluster lubrication
- Casters for portability
- Multi-colour light stack
- Start delay horn
- Angled-surface frame and components for IP-65 standard washdown environments