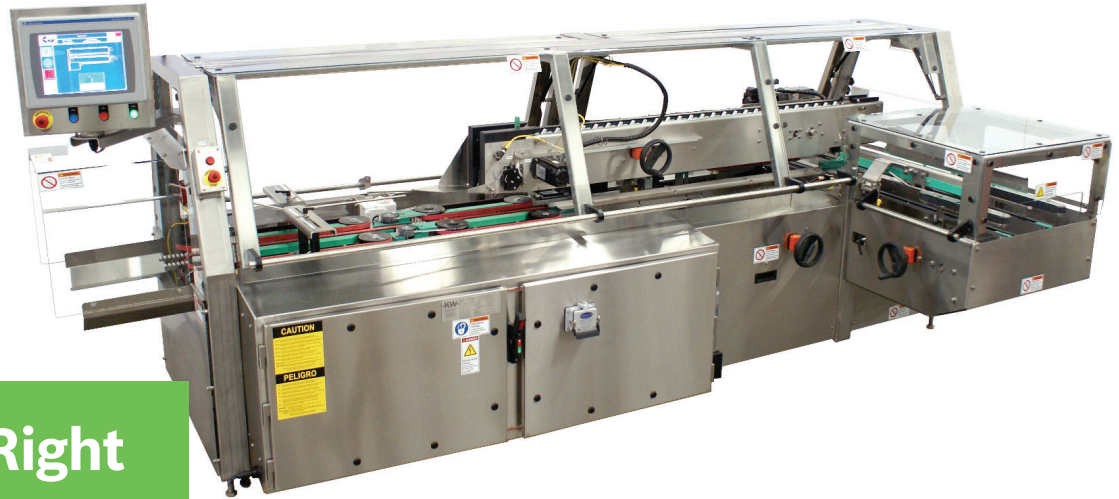




**BOSCH**

Invented for life



## Kliklok Vari-Right

### Topload Carton Closer Closing with Right-Angle Discharge

The Vari-Right is a right-angle closer for tri-seal topload cartons. It features Kliklok's patented variable pitch technology, which uses pop-up lugs to create infinitely variable flight centers. This combines the benefits of lugged carton control and random infeed timing in a full servo motor platform. The constant carton control eliminates the inherent slip and timing issues of lugless carton closers.

#### Patented pop-up lug technology for constant carton control

Kliklok's patented variable pitch technology activates lugs only when a carton is present, providing the flexibility of random infeed timing and the carton control of a lugged transport system.

#### Easy operation with Insight® color touchscreen HMI

The industry-leading Insight® color graphic touch screen HMI is intuitive and features recipe-based programming that reduces operator error and ensures consistent performance regardless of shift or operator skill. Enhanced diagnostics are standard.

#### Absolute cover registration with prefold wheel

Flawless registration is achieved by first folding the trailing charlotte flap. This ensures consistent alignment of the front tuck and charlotte flaps, reduces carton waste, and offers ideal presentation of the final package.

#### Sanitary IP65 stainless steel construction

The Vari-Right is built on a welded tubular stainless steel frame with rotated beams and angled surfaces that shed water and prevent debris accumulation. The Vari-Right is rated IP65 for water washdown environments.

#### Repeatable changeovers with CheckPoint system

Our optional CheckPoint size verification system features digital indicators that automatically change for each recipe. Positive indication is given when dimensional changes have been properly made. This ensures consistent performance across all carton sizes.

#### Key Features

- ▶ Speeds up to 120 cpm
- ▶ Infinitely variable flight centers
- ▶ Lugged carton control with random infeed
- ▶ Easy-to-use Insight® touchscreen HMI
- ▶ Sanitary stainless steel design (IP65)
- ▶ Quick and repeatable changeovers

## Packaging System Structure

Primary Packaging

Product Handling

Secondary Packaging

# Kliklok Vari-Right Topload Carton Closer

## Technical Specifications

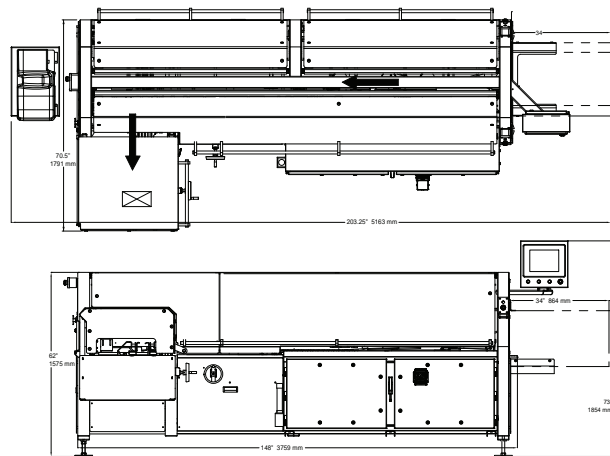
Performance		Carton Size Range	Minimum	Maximum
Production Speed	Variable up to 120 cpm	Length	127 mm ( 5.00")	381 mm ( 15.00")
Actual speed depends upon machine configuration and carton size and style. Ask Kliklok about meeting higher speed requirements.		Width	89 mm ( 3.50")	305 mm ( 12.00")
		Depth	38 mm ( 1.50")	127 mm ( 5.00")
Operating Requirements		An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system.		
Power Consumption	32 kVA			
Air	708 liters/min ( 25 cfm ) 5.5 bar ( 80 psi )			
Construction				
Fully-welded stainless steel frame. Stainless steel shafts. Chains, pulleys and sprockets are nickel-plated. Clear polycarbonate guards.				
Shipping Weight, Skidded	1499 kg ( 3304 lb )			

## Standard Features

- ▶ Heavy-duty fully-welded tubular stainless steel frame
- ▶ Allen-Bradley servos, drives and machine controls
- ▶ Speed and glue adjustment through touchscreen
- ▶ User-friendly Insight® icon-based color touchscreen 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
- ▶ Angled-surface frame and electrical components comply with IP65 standards
- ▶ Nordson ProBlue hot-melt totally enclosed nozzle-type applicator
- ▶ Sealed-for-life bearings eliminate need for lubrication
- ▶ Start delay horn\*
- ▶ Multi-color light stack\*

## Optional Features

- ▶ CheckPoint Carton Size Verification System
- ▶ Hood-cover closure (cover left infeed only)
- ▶ Cover-left carton orientation
- ▶ Opposite-hand machine orientation (discharge)
- ▶ Alternative electrical controls
- ▶ Size range and over-square carton modifications
- ▶ Network connectivity and data acquisition
- ▶ Casters for portability
- ▶ Laser/inkjet date/coding systems
- ▶ Heavy carton requirements (3+ lbs)



\* Regional differences to specification may apply

Bosch Packaging Technology

boschpackaging.com

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