



BOSCH

Invented for life



Kliklok C1F

Single Flap Carton Closer Automated Single Flap Closure at 150 cpm

The Kliklok C1F is a medium speed continuous motion automatic closer for single flap, hinge cover cartons.

The C1F single flap closer incorporates a controlled carton transport system. The result is a highly efficient and reliable carton closing system, with a compact, in-line design.

Features include infinitely variable speed, up to 150 cartons per minute, depending on infeed system. The machine also has the flexibility to handle a wide range of different cartons and allows quick repeatable settings via screw drives and easily readable digital indicators.

The fully automatic infeed device accepts cartons from any feeding conveyor. Each machine is comprehensively guarded and a variety of coding systems can be provided.

An alternative version, the C1H closer, is specially designed to close “hood cover” style cartons, for example tea “caddy” packs. This machine has the same features and benefits as the C1F closer. The C1H has a moving overhead which manipulates the carton to create the hood cover. Both versions have 2 infeed options: Pneumatic gate for speeds up to 80 cpm and “Smartbelt” up to 150 cpm.

Stainless steel construction

The C1F has a rigid and robust stainless steel construction, to comply with the food industry’s demanding wash-down and sanitary requirements.

Fast size change

The C1F has a digital readout for machine calibration, combined with simple manual size adjustments, providing quick and easy carton size changeover, minimising downtime.

Interactive color touch screen

A standard feature on the C1F, the Insight® color touch screen is simple to learn and operate, using icon-based intuitive controls. It offers superior troubleshooting capability, advanced diagnostics with shift performance data and optional digital manuals. The 6” (165mm) screen also enables accuracy in glue control and application.

Hot-melt glue system

As with all Kliklok’s glue closers, the C1F is fitted with a hot-melt glue system, with nozzle type application for controlled and consistently accurate closure

Compact design

The C1F offers an efficient footprint, making it the ideal choice for customers with limited floor space.

Key Features

- ▶ Controlled carton transport system
- ▶ Choice of tuck or glue flap closure
- ▶ Compact in-line design

Packaging System Structure

Primary Packaging

Product Handling

Secondary Packaging

Kliklok C1F Single Flap Carton Closer

Technical Specifications

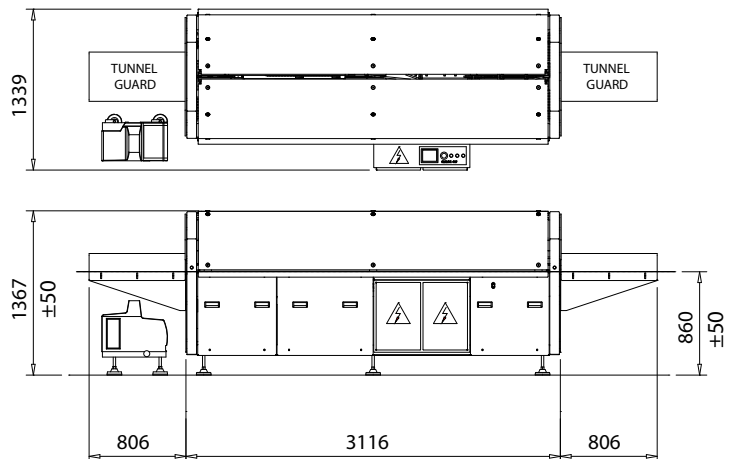
Performance		Carton Size Range	Minimum	Maximum
Production Speed	Variable to 150 cpm	Length	100 mm (3.94")	250 mm (9.84")
Actual speed depends on machine configuration, product and carton size and carton style. Ask Kliklok about meeting higher speed requirements.		Width	50 mm (2.00")	200 mm (7.87")
		Depth	25 mm (1.00")	100 mm (3.94")
Operating Requirements		Flap	15 mm (.60")	50 mm (2.00")
Power Consumption	3.5 kVA	Tuck	15 mm (.60")	30 mm (1.20")
Air	40 liters/min (1.4 cfm)	An individual carton combining multiple minimum or maximum dimensions may not be compatible with the standard system.		
	6 bar (87 psi)			
Construction				
Stainless steel frame and shafts. Clear polycarbonate guards. Nickel-plated chains, pulleys and sprockets. Anodized aluminum.				
Shipping Weight, Skidded	800 kg (1765 lb)			

Standard Features

- ▶ Stainless steel construction
- ▶ Easy access machine frame
- ▶ Overhead cover control
- ▶ Interactive color touch screen
- ▶ Digital indicators for easy size change
- ▶ Nordson hot melt-glue system where applicable
- ▶ Powered outfeed belts
- ▶ Allen-Bradley electrical package
- ▶ CE compliant

Optional Features

- ▶ Cover left or right carton orientation
- ▶ Hood cover closure
- ▶ Siemens electrical package
- ▶ Automatic lubrication



Bosch Packaging Technology

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