

Kliklok TransFormer Topload Carton Former

PRODUCES LOCK- AND/OR GLUE-FORMED CARTONS AT 120 CPM.

The Kliklok TransFormer combines the ability to form lock-style and/or glue-style cartons on the same machine at speeds up to 120 cartons per minute with a single head. The Kliklok TransFormer, from the company that invented topload carton forming, has set the new standard for speed and flexibility.

The TransFormer's unique features include an ergonomic waist-level hopper that allows easy carton loading, and a servo driven high-precision linear rail plunger mounting system for absolute head-to-cavity positioning.

EASY OPERATION WITH TOUCHSCREEN HMI

The Insight® color graphic touchscreen 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.

LOCK- OR GLUE-FORMING FLEXIBILITY

The TransFormer offers the greatest production line flexibility by being able to run lock-formed and/or glue-formed carton on one machine, and the glue system does not need to be removed to run lock-formed cartons.

FASTEST FORMER AVAILABLE

The TransFormer's short-stroke, servo-driven forming head can reach speeds of 120 cartons per minute – nearly double the speed of many other formers – and a single head means faster changeovers.

HIGH CARTON CAPACITY

The TransFormer's high capacity carton hopper is set at waist level for easy loading. A belt drive with pneumatic pressure assist ensures consistent carton feeding.

FAST CHANGEOVERS

The TransFormer features a simplified toolless changeover procedure that is guided by the Insight HMI. Minimal change parts and easy-to-read adjustment gauges ensure repeatability with significantly less downtime.

Your benefits

- ▣ Speeds up to 120 cpm (single head)
- ▣ Lock and/or glue forming on one machine
- ▣ Low-level extended capacity carton hopper
- ▣ Easy-to-use Insight® touchscreen HMI
- ▣ Integrated outfeed conveyor
- ▣ Fast changeovers



Packaging Line Structure.

Primary Packaging

Vertical Bagmaker

Horizontal Wrapper

Cup Filler

Product Handling

Pick and Place Robotics

Product Timing / Loading

Secondary Packaging

Topload

Endload

Wraparound

Case Packers

Kliklok TransFormer Lock- and Glue-Style Carton Former

Standard Features

- ❑ Speeds up to 120 cpm with a single composite head
- ❑ Capable of running glue-style and/or stripper lock-style cartons
- ❑ Waist level hopper
- ❑ 1270 mm (50") hopper capacity
- ❑ Controlled carton supply with photoeye
- ❑ Vacuum generator for carton feeder
- ❑ Servo profiled plunger
- ❑ Tool-less quick-release plunger mounting
- ❑ Integrated outfeed conveyor with VFD drive
- ❑ Color touchscreen HMI, front-mounted
- ❑ Allen-Bradley electronics
- ❑ Jog control pendant
- ❑ Carton air eject
- ❑ Barrier guarding with interlocking doors
- ❑ Nema 4X stainless steel slope top electrical enclosure with flange-mounted main disconnect
- ❑ IP54 dust and water splash protection
- ❑ Casters for portability and stainless steel leveling screws
- ❑ Delayed start alarm
- ❑ Multi-color light stack
- ❑ External ethernet convenience port
- ❑ Low carton inventory sensing with alarm

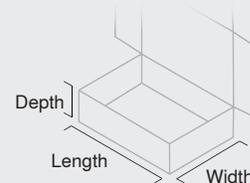
Optional Features

- ❑ Pressurized hot melt glue system
- ❑ IP55 construction

Technical Specifications

Performance	min.	max.
Speed (strokes per minute)	30	120
<small>Actual speed depends upon machine configuration and carton size and style.</small>		
Carton Size Range	min.	max.
Length	127 mm (5.00")	406 mm (16.00")
Width	102 mm (4.00")	205 mm (8.00")
Depth	22 mm (0.87")	102 mm (4.00")

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



Operating Requirements

Power Rating	25 kVA
Air	280 L/min (10 cfm) 5.5 bar (80 psi)

Construction

Fully-welded stainless steel frame. Stainless steel shafts. Nickel-plated chains, pulleys and sprockets. Clear polycarbonate guards.

Shipping Weight, Estimated	1370 kg (3014 lb)
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