

Pharmaceuticals • Nutraceuticals  
Cosmetics • Consumer Goods  
Diagnostics • Medical Devices



## Features

- Very Compact Footprint
- Adjustable Pitch for Wide Cartons
- Tuck Flap Closure (Std)
- Hot-melt Glue Closure (Option)
- Fully Interlocked Lexan Category 3 Safety Guarding
- Servo Driven Adjustable Main Drive & Balcony Design
- Servo Driven Carton Pick Up
- Carton Opening & Squaring w/ Pre-Break
- Standard or 5th Panel Cartons
- Fast Changeover
- Up to 60 Cartons Per Min. Std, Higher Speeds Available



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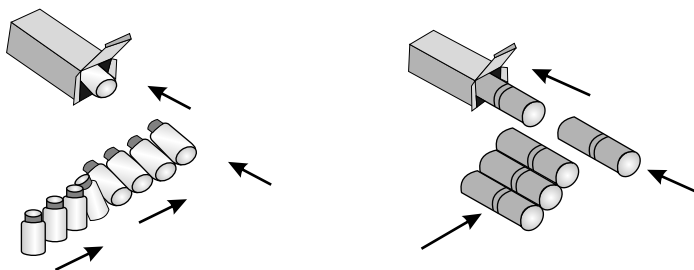
# SC Series Automatic Horizontal Cartoners



The SC Series servo driven intermittent/continuous motion horizontal cartoning machines handle pre-glued cartons with straight or reverse tuck-in closure. The machines also accommodate a glue application group and automatic product feeding systems. The SC Series is servo driven and incorporates stainless steel skirting on the base with a balcony design. ESS also offers a mechanically driven model, the MC 60, which may be more cost-effective in certain applications.

All mechanical movements are mounted with self-lubricating bushings and bearings. The machines offer simple and quick size changeover using digital indicators located with the adjusting points. The "balcony construction" guarantees complete accessibility to all areas and easy cleaning. The SC cartoners use Allen Bradley CompactLogix® control platform and come standard with the AB PanelView 600 Plus touch screen HMI. The SC Series is ideal for pharmaceutical, cosmetic, nutraceutical, consumer goods, and medical device packaging lines.

## Typical Product Flow

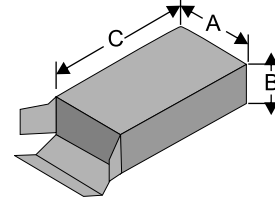


# Technical Specifications

Item	SC60*	SC150
Speed	Up to 60 cartons per minute	Up to 150 cartons per minute
Motion	Intermittent	Continuous
Changeover Time	10-15 minutes typical (all dimensions change)	10-15 minutes typical (all dimensions change)
Standard Voltage	480V, 3-Phase, 60Hz	480V, 3-Phase, 60Hz
Power Consumption	1.96kW (tuck-in) 3.9kW (glue)	1.96kW (tuck-in) 3.9kW (glue)
Compressed Air Consumption	5-7 SCFM	5-7 SCFM
Machine Weight	1,150kg	1,150kg
Carton Storage Capacity	600 flat	600 flat

\*ESS also offers a model MC 60 mechanically driven cartoner. Contact ESS for more information.

	Min.	Max.
<b>Small Center (up to 150cpm)</b>	A	15
	B	15
	C	50
<b>Large Center (up to 60cpm)</b>	A	80
	B	60
	C	130



## Options

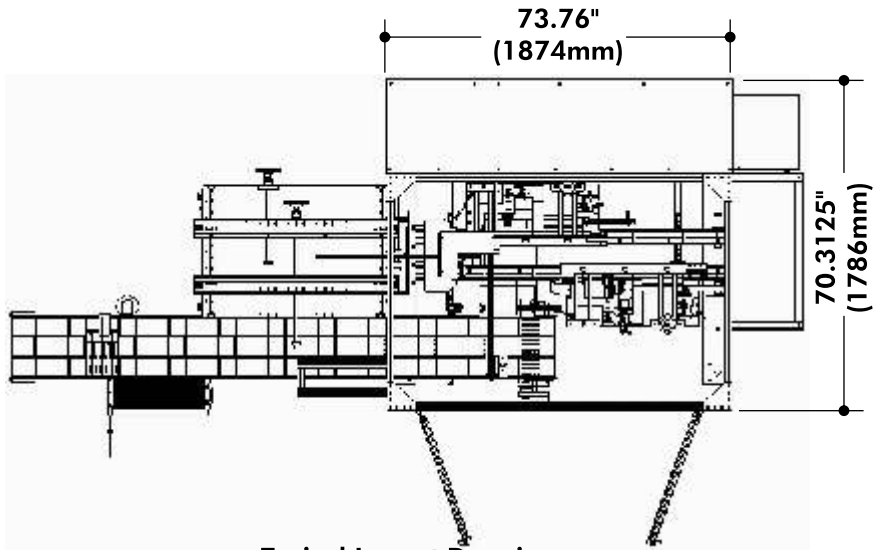
- Inserter for pre-folded leaflet, booklet, etc.
- Embossing, inkjet or laser coding
- Code reader and verification for leaflets, carton blanks or filled cartons
- Automatic infeed systems for bottles, jars, blisters, tubes, vials, etc.
- Integrated robotic loading systems
- Hot-melt glue closure unit
- Carton ejection of incomplete cartons
- Extension for infeed conveyors



Robotic Infeed



Large Capacity Carton Magazine



Typical Layout Drawing

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