Rockwell Automation Machine Builder

FANUC Robotics AUTHORIZED INTEGRATOR

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AFA Systems

Packaging Automation

CE-ABI - Auto-Bottom Carton Erector and Indexer

The CE-ABI is a compact carton erector that can handle auto-bottom cartons with ease. All major drives of the CE-ABI are servo driven allowing for smooth and quiet operation and accurate fault diagnostic capabilities. Innovative auto-bottom carton erector can pick and erect auto-bottom cartons at high speeds and minimize jams. Furthermore, the CE-ABI features a pneumatic pick device to transfer filled auto-bottom cartons from the indexing conveyor onto a downstream conveyor. Stainless steel construction increases corrosion resistance and the CE-ABI has a modular design for future retrofits or projects. USDA approved machinery painted parts and safety guarding with electrical interlocks are standard on the CE-ABI.

Features

- Indexing conveyor can feature either a manual or automatic loading station
- Numerous options can be added including code daters, product reject systems and more
- Reliable, rugged, small footprint
- Furnished to comply with Nema 12 ratings
- Servo motors on all major drives ensure quiet and smooth operation
- Ergonomic auto-bottom case magazine
- Fall through design allows the CE-ABI to be easily maintained
- Ability to handle a wide variety of carton sizes

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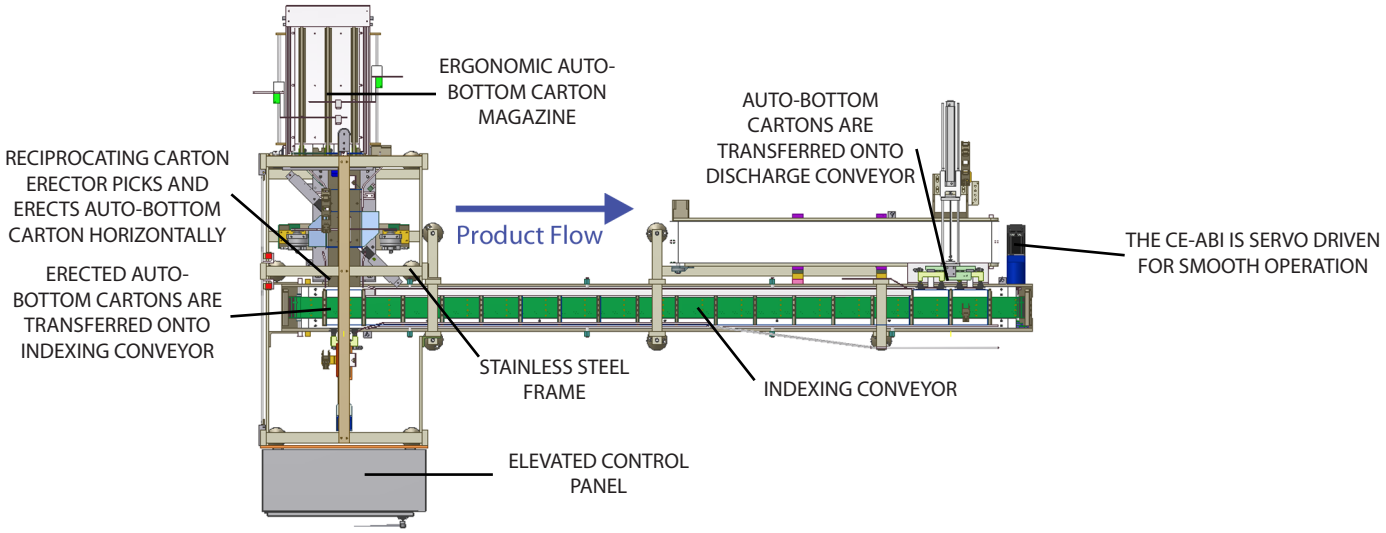
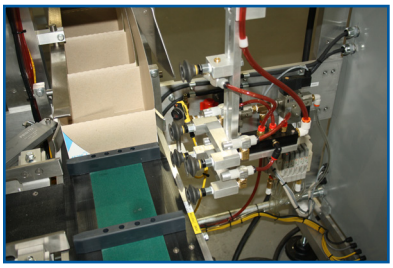
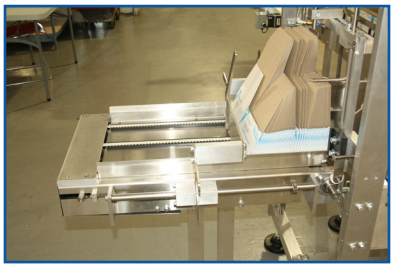
Typical Floor Plan



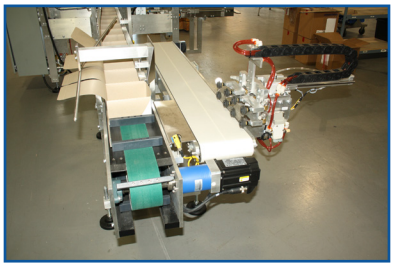
Key Components



Horizontal auto-bottom carton erector can easily pick and erect auto-bottom cartons. Minimal jams are incurred when using this carton erector allowing for increased up-time.



Auto-bottom carton magazine is at an ergonomic level allowing your operators to easily load the magazine. No step ladder is needed with this auto-bottom carton magazine.

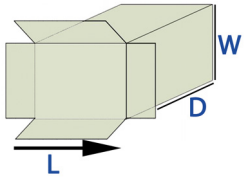


The CE-ABI index conveyor is servo driven allowing for smooth operation. Also, the auto-bottom cartons are easily picked and placed onto the discharge conveyor.

Carton Size Range

Standard		L	W	D
Size Ranges (Inches)	**min.**	3	3	3
	max.	20	20	20

* If size outside carton size range please check with AFA Representative



Process