

Pharmaceuticals • Nutraceuticals
Cosmetics • Consumer Goods
Diagnostics • Medical Devices



Features

- Robotic Case Erector with Custom End-of-Arm Tool
- Stand-alone Case Closer / Sealer with Tape or Glue Closure
- Allen-Bradley Color Touchscreen HMI
- Small Footprint Integrates Easily with Existing Case Packaging Lines
- Integrates with Serialization Systems for Track & Trace



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CE Series Robotic Case Erector & CS Series Case Closer and Sealer



CE15 Case Erector with FANUC M-10iA Robot



CS15 Case Closer with Glue Sealing (Tape also available.)

Integrates with Serialization Systems

ESS Technologies designed the CE Series Robotic Case Erector and CS Series Case Closer and Sealer as modular machines that can be integrated with existing packaging lines to automate case erecting and case closing. Both units integrate easily with off-the-shelf labeling and serialization systems for track-and-trace applications.

The CE Series Robotic Case Erector integrates a FANUC M-10iA robot with ESS-designed, custom end-of-arm tool (EOAT) to pick a case blank from a magazine, square the sides, and seal the bottom of the case with either tape (standard) or hot melt glue (optional) at a rate of 15 cases per minute. The CE15 module consists of:

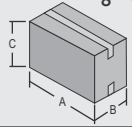
- FANUC M-10iA robot
- ESS-designed end-of-arm tool (EOAT) that changes in minutes
- Case magazine
- Case sealing station (tape or hot melt glue)
- Case transport conveyor
- Controls and programming
- PLD-rated (or better) polycarbonate safety guarding

The CS15 module receives erected and loaded cases. The system folds the top flaps and seals the case with either 2" tape (standard) or hot melt glue (optional) at a rate of up to 15 cases per minute. The CS Series can be integrated with labelers and inspection systems from OEMs to create a complete case closing and labeling system in a compact foot print. Together, the CE/CS Series allow manufactures to automate manual case erecting and closing processes.

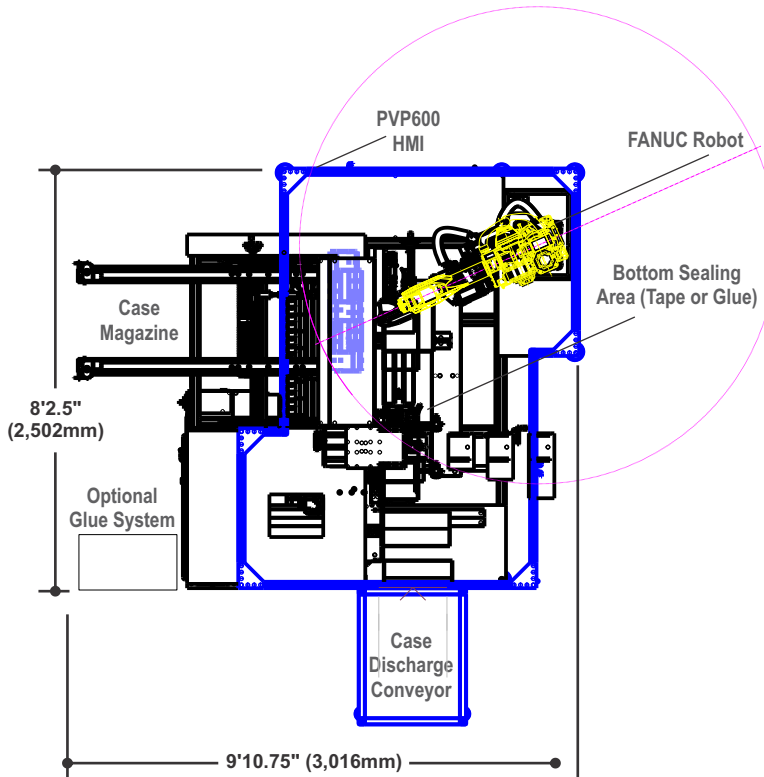
Options

- Serialization Data Collection
- Case Labeling
- Case Checkweigher
- Hot melt glue closure
- Integrated robotic pallet cell

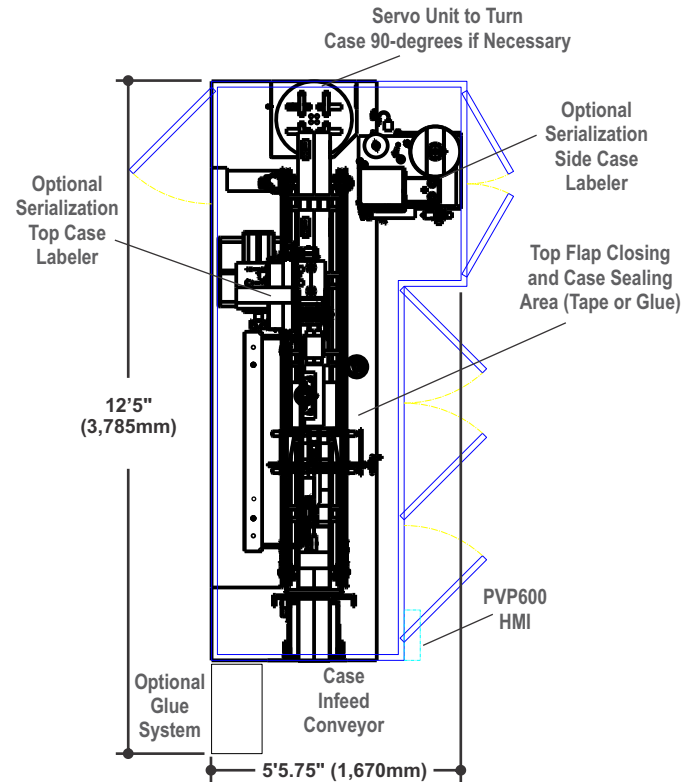
Technical Specifications

| Item | Specification | |
|---|---------------------------------|-------------|
| Case Size Range (mm)  | <u>Min.</u> | <u>Max.</u> |
| | A | 150 500 |
| | B | 100 350 |
| C | 100 250 | |
| Speed | Up to 15 cases per minute | |
| Standard Voltages | 208V, 240V, 480V, 3-Phase, 60Hz | |
| Size Changeover | 10-15 Minutes Typical | |

CE Series Case Erector



CS Series Case Erector



AB PanelViewPlus 600 HMI



Case Bottom Taping System



Case Top Taping System



Case Bottom Gluing System



Case Top Gluing System

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