

Pharmaceuticals • Nutraceuticals
Cosmetics • Consumer Goods
Diagnostics • Medical Devices



Features

- Integrated FANUC Robot
- ESS-Designed Vacuum or Gripper EOAT
- PLe-rated Safety Guarding (Wirecrafters or Lexan)
- Infeed Conveyor
- UL certified panel and controls
- One (1) set of tooling (additional size parts optional)
- Diamond-plate Construction
- Handles Cases, Bags, Trays, Bundles, Bottles



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Small Footprint Robotic Palletizer w/ Flow-Through Pallet Conveyor



Now with Track & Trace Serialization

The ESS Technologies, Inc. Robotic Mini Palletizing Cell with Integrated Pallet Dispenser is a very small footprint palletizing cell ideal for palletizing applications where higher speeds are required and accumulation is not an option. The system integrates a Mini Palletizer Cell with a pallet dispensing system that automatically moves full pallets out of the cell and empty pallets into place. The complete solution integrates a FANUC robot and custom vacuum-style or gripper-style end-of-arm tooling (EOAT) to pick the case from the conveyor and place it on the pallet in the required pattern. A pallet dispenser and driven roller conveyor load empty pallets into position in the cell while a gravity or optional driven roller conveyor discharges the finished load from the cell. A number of FANUC robots may be specified, depending on the payload and reach requirements of the application.

The system is complete with controls, programming, and interlocked guarding. Ideal for facilities with limited floor space, the Robotic Mini Palletizing Cell with Integrated Pallet Dispenser offers an innovative solution to a wide variety of palletizing applications.



Technical Specifications

Item	Specification
Speed*	25-30 Cases per Minute
Payload Capacity*	20-165 kg (varies by robot model)
Pallet Size	Accommodates all std. pallet sizes.
Standard Voltages	208V, 240V, 480V, 3-Phase, 60Hz

* Other speeds and payloads can be achieved using different FANUC robots. Contact ESS Technologies, Inc. to discuss specific application details.

Options

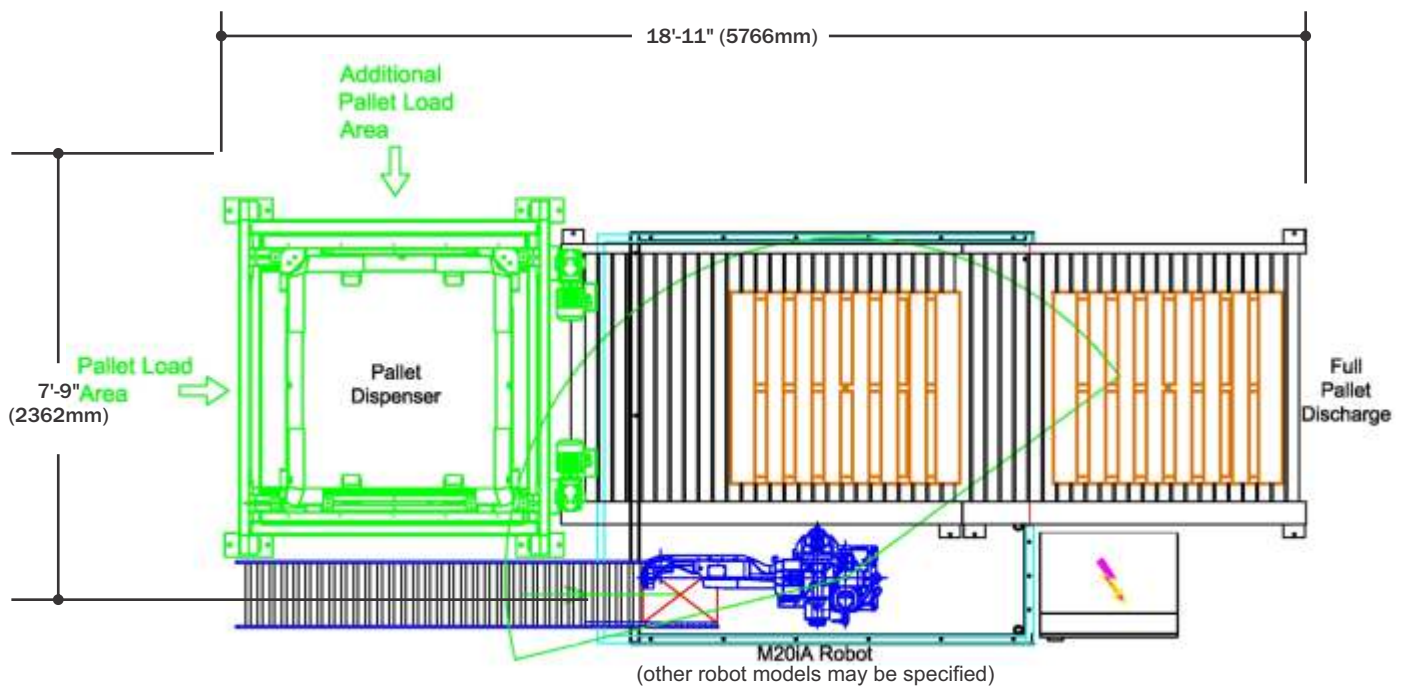
- Pallet Discharge Conveyor
- Pallet Infeed Conveyor
- Automatic Pallet Dispenser
- Automatic Removal of Full Pallets
- Tier Sheet Dispensing
- Vision Guidance
- Integrated Pallet Stretch Wrapper



Flow Through Pallet Conveyor with Optional Deck Sheet Placement System



Automatic Pallet Dispenser



Typical System Layout

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 Packaging Machine Design & Integration

