

Pharmaceuticals • Nutraceuticals

Cosmetics • Consumer Goods

Diagnostics • Medical Devices



Features

- Integrated FANUC Robot
- Integrated Pallet Cell
- ESS-designed End-of-Arm Tool (EOAT) for Packing and Palletizing
- Handles A Wide Variety of Products
- Large Capacity Case Magazine
- Servo Case Transport Drive
- Interlocked PLe-rated Safety Guarding
- Allen Bradley PLC and HMI Standard



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Model V30P Vertical Robotic Case Packer with Integrated Palletizer



Now with Track & Trace Serialization

The ESS Technologies, Inc. Model V30P Vertical Robotic Case Packer with Integrated Palletizer combines a multi-axis FANUC robot with custom-designed end-of-arm tooling to create a robotic system for case packing bottles, tubes, cartons, jars, bags, etc. The innovative addition of the integrated palletizer creates a complete space saving that requires 50% less floor space compared to conventional solutions. The V30P offers high reliability and packs then palletizes up to five (5) cases per minute. Large payloads can be accommodated using a number FANUC robot models including:

Model M-710iC (Payload 50kg)

Model M-420iA (Payload 40kg)

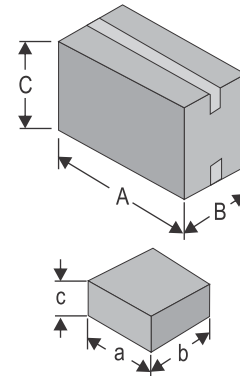
Model M-20iC (Payload 20kg)

The V30P receives the product, forms a case taken from the case magazine, inserts the product, seals the case, and positions the case on the pallet in any required pattern. Case closure options include self-adhesive tape or hot-melt glue. PLC touch screen controls enable the operator to monitor speeds, reset faults, and maintain operational logs. The V30P integrates easily with off-the-shelf serialization systems from OEM manufacturers.

Technical Specifications

Item	Specification
Speed	5-6 Cases per Minute
Power Consumption	12 kW (hot-melt); 8.5 kW (tape)
Compressed Air Consumption	5-7 SCFM
Supply Pressure ATM	6 Bar (87) psi
Standard Foot Print	15'-5" L x 8'-8" W
Size Changeover	15 Minutes Typical
Standard Voltages	204V, 240V, 480V, 3-Phase, 60Hz

	Min.	Max.
A	180	550
B	105	350
C	100	350
A+B		840
a	/	440
b	/	340
c	/	340

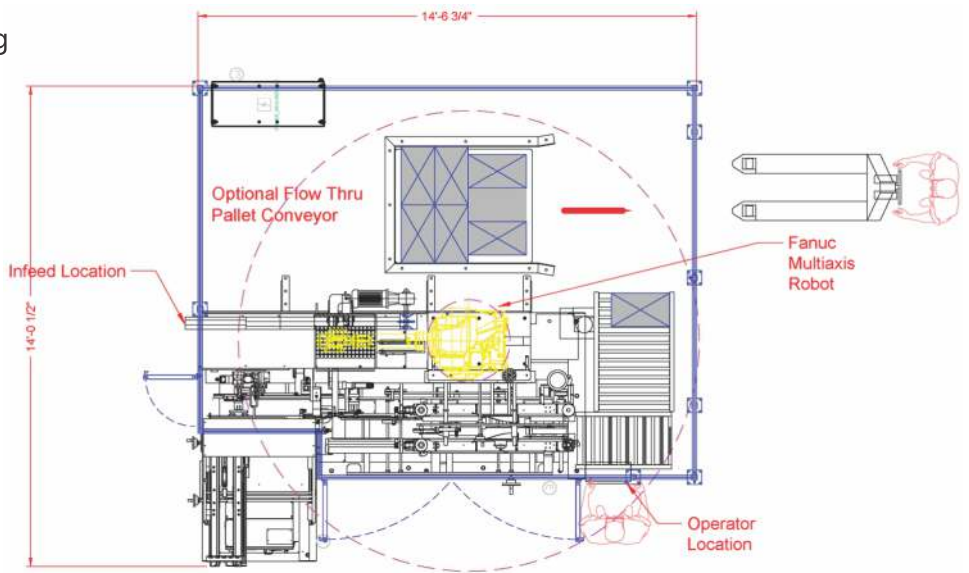


Options

- Case Coding / Case Labeling
- Pallet Discharge Conveyor
- Pallet Infeed Conveyor
- Pallet Tier Sheet Dispensing



Infeed Conveyor with Track & Trace Serialization Cameras for Aggregation



Case Tape Closing System (Standard)



Integrated Overhead Vision System Verifies Case Load



Integrated Serialization Case Labeler

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