

END-OF-LINE
ROBOTIC SOLUTIONS



The Schneider Robox Palletizer with its compact footprint is economical and flexible. The optional over/under conveyor shown with this single line solution allows pallet exchange while operating for continuous production.

- **Fast, reliable, and highly flexible FANUC robot**
- **Compact footprint of approximately 8'X 9'**
- **Mobile "Plug & Play" design to adapt to changing layouts**
- **Runs cases, trays or bags**
- **Optional Slip Sheet Magazine**

- **Economical**
- **Fast Changeover**
- **Efficient**
- **Reliable**
- **Portable**

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Floor Plan Options

The illustration below right represents a typical floor plan. Schneider configures each palletizer to meet your specific floor plan and product requirements.

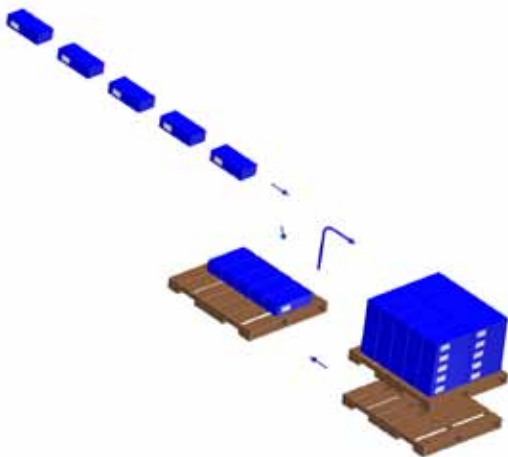
Basic Operation

An empty pallet is placed onto the lower section of the over/under pallet conveyor. The pallet is then automatically transferred into the palletizing cell and onto the hydraulic load station.

Product is transported to the Robox by the case infeed conveyor. Once sufficient product and an empty pallet are available, the robot will pick product from the infeed and place it onto the pallet in the appropriate pallet pattern.

Once the unit load is completed, it discharges through a muted safety light curtain and out of the cell onto the upper section of the over/under conveyor. Here the unit load is ready for a forklift operator to take it away. In the meantime, another empty pallet has been transferred onto the load station and the robot can continue to palletize. The process repeats.

Product Flow



Specifications

Product:
Cases, bags or trays

Construction:
Painted Carbon Steel

Pallet Type:
GMA, CHEP, Metric

Safety:
Meets ANSI/PMMA B155.1 safety standards

End of Arm Tooling (EOAT):
Vacuum or gripper
(determined by product)

Power:
480 VAC
3 phase 50/60 hertz

Maximum rate:
40 PPM - depending on
product size and weight

Visual Display:
One (1) Allen Bradley 600 Color
Touchscreen

Typical Floor Plan

