

**END-OF-LINE
ROBOTIC SOLUTIONS**



**2 In - 2 Out
Example**

The Schneider Multi-Line Palletizing Cell is ideal for combining two or more lines into one centralized palletizing location. The optional over under conveyor shown with this two line solution allows pallet exchange while operating for continuous production.

- **Fast, reliable, and highly flexible FANUC robot(s)**
- **Wide range of work cell configurations to handle single and multiple lines**
- **Customized End Of Arm Tooling (EOAT) specifically designed to handle your products reliably**
- **Runs cases, trays or bags**
- **Highly configurable: Options for slip/tier sheet handling, pallet handling, stretch wrapping, labeling and automatic guided carts**

- **Economical**
- **Fast Changeover**
- **Efficient**
- **Reliable**
- **Highly Configurable**

END OF LINE ROBOTIC SOLUTIONS

Floor Plan Options

The illustration below right represents a typical floor plan for a 2 In – 2 Out system. Multiple lines of input and output can be designed. Schneider configures each palletizer to meet your specific floor plan and product requirements.

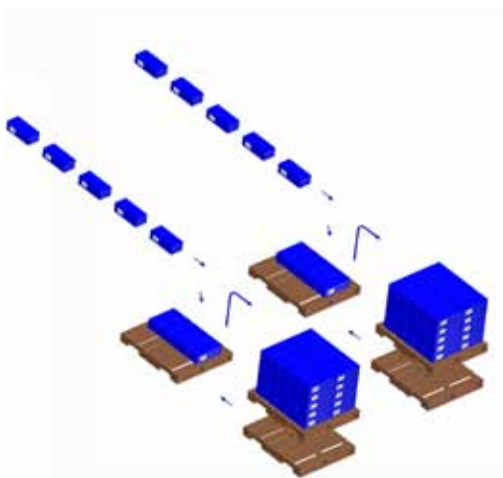
Basic Operation

An empty pallet enters the cell. Shown is the over/under pallet conveyor. A pallet dispenser or magazine can be utilized. The pallet is then transferred onto the load station.

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

Once a unit load is completed, it is discharged. 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

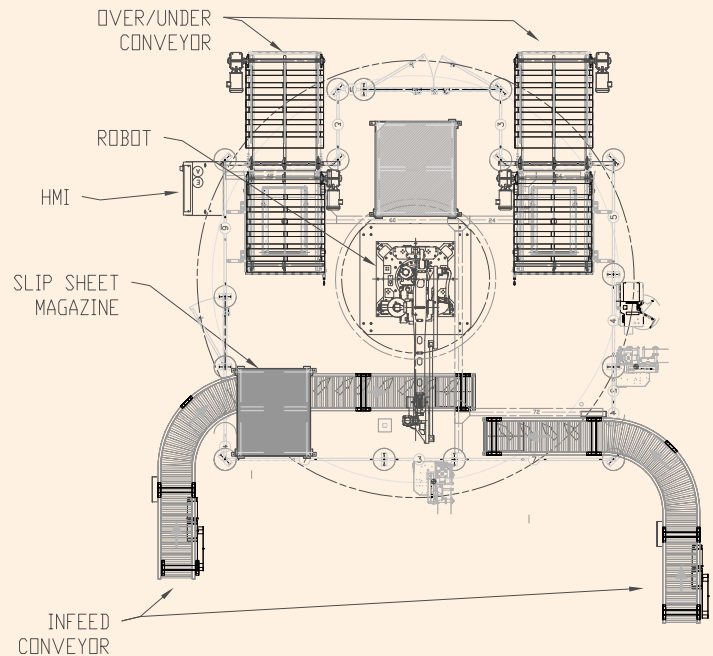
End of Arm Tooling (EOAT):
Vacuum or gripper
(determined by product)

Power:
480 VAC
3 phase 50/60 hertz

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

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

Typical Floor Plan 2 In - 2 Out with over/under conveyors for pallet handling



End Of Arm Tooling (EOAT) Options Include vacuum, mechanical, fork, or a combination of these with or without pallet hooks and slip sheet handling