Single Line Palletizer

The Single Line Palletizer is an ideal economical and flexible end-of-line palletizing solution.

- **Single or Multiple products per pick** combined with up to 30 picks per minute enable high throughput.
- **Pallet handling options** include manual to fully automatic pallet exchange with pallet dispensers tailored to your throughput requirements.
- **End-Of-Arm Tooling (EOAT) Options** include vacuum, mechanical, fork, or a combination of these with or without pallet hooks and slip sheet handling to palletize most any product.
- **A wide range of work cell configurations** are available to accommodate your floor space, facility and ergonomic requirements.

**Up to 30 Picks Per Minute**

**Fast Pallet Exchange**

**Customized End-Of-Arm Tooling (EOAT) specifically designed to handle products reliably**

**Flexible Work Cells**

**Rapid Changeover**

**Floor Discharge Example**

INNOVATIVE END-OF-LINE SOLUTIONS
Description:
Schneider palletizing solutions utilize a FANUC robot with Schneider designed end-of-arm tooling (EOAT) to pick product and stack it in most any pattern. These solutions can accommodate stacking on any size and type pallet, on slip sheets or without substrate depending on the requirements. Pallet handling options include manual exchange, over/under conveyor, floor level automatic exchange, conveyor, and pallet magazines and dispensers. Slip and tier sheet options include sheet magazines, sheet dispensers, and automatic sheet cutting to size ‘on-the-fly’ from roll stock. Finishing options include product and pallet labeling, stretch wrapping and banding.

Typical Equipment Layout

Typical Over/Under Pallet and Case Flow

Integration Options
Stretch Wrapper
Bander
Product and Pallet Labeling
Conveyors, Shuttle Cars and Automated Guided Carts
Pallet & Slip Sheet Dispenser, Magazine or automatic cut sheets on-the-fly

SPECIFICATIONS

Product Types:
Cases, bags, trays or bundles

Pallet Type:
GMA, CHEP, Metric

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

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

Construction:
Standard: Painted, carbon steel

Control Voltage:
24 VDC

Controller:
PLC microprocessor

Ambient Temperature:
40° to 85°F (4.4° to 29.4°C)
Optional AC packages available
Severe duty option for extreme environments

Power Requirements:
480 volt, 3 phase
Other power options available

Safety:
Meets ANSI/PMMI B155.1 safety standards

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