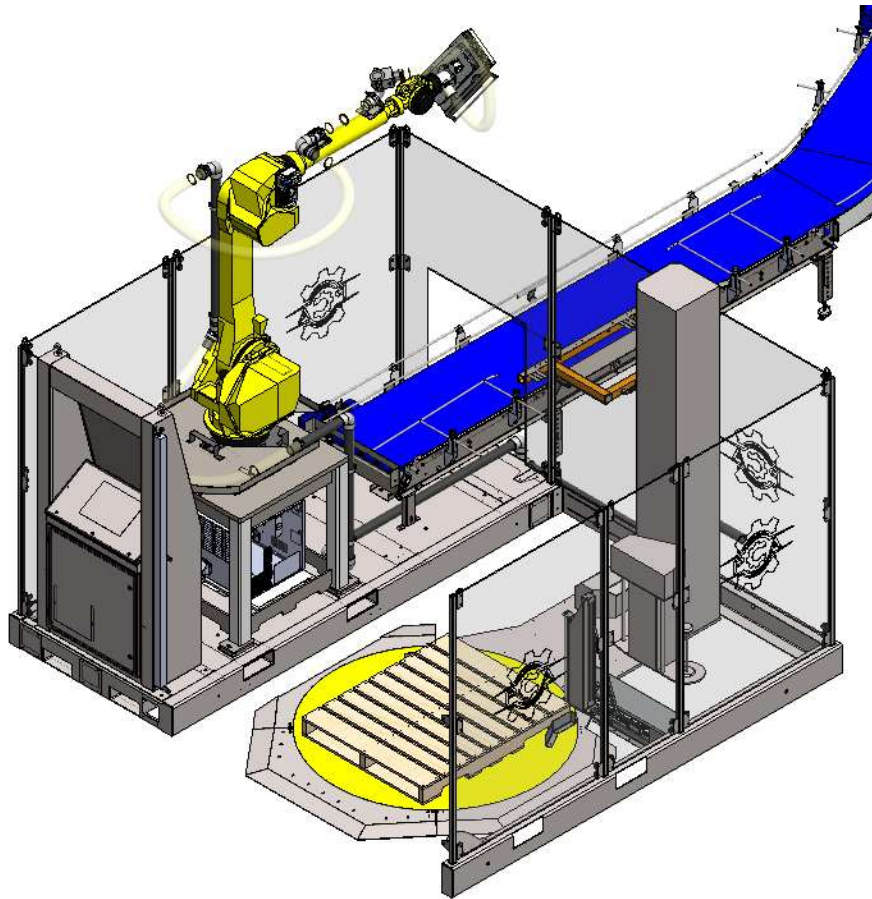




PROCESS CONTROL AUTOMATION

Compact Robot Palletizer

Prices Starting at \$239,900.00 with wrapper included



Overview

Improve throughput, reduce manual handling, and achieve flexible palletizing in a compact footprint. The PCA compact palletizing cell automates case, tray, and bundle palletizing with fast deployment, intuitive recipe changeovers, and safe operation in mixed-use production environments.



PROCESS CONTROL AUTOMATION

Key Features

- Industrial robot palletizing system for high reliability and consistent performance
- Configurable single or dual infeed conveyor integration
- Configurable single or dual pallet locations
- Recipe driven pallet pattern management for flexible operation
- Compact, space-efficient cell design for tight production layouts
- Allen-Bradley PLC and HMI control package
- Fast changeover for multiple SKU sizes and pallet configurations
- Fully guarded system with safety interlocks for operator protection
- Remote access capability for diagnostics and support

Optional Features

- Optional integrated stretch wrapper for stack-and-wrap applications
- Optional mobile skid base for rapid deployment and system relocation

Standard Specifications

Production Speed	Up to 10 picks/minute*
Product Types	Cases, trays, totes, bundles, bags
Product Weight Range	Up to 60 lbs. nominal*
Pallet Size Range	40 x 48 in standard; configurable
Stack Height	Up to 108 in typical*
End Effector	Vacuum, clamp, or combo tooling
Control Platform	Allen-Bradley PLC with HMI
Robot	Fanuc M-710iC/45M
Power Requirements	480VAC / 3PH / 60Hz / 50A
Air Requirement	Typically 5 CFM @ 80 PSI; tooling dependent
Safety Design	Guarding, Scanners and Light Curtains
Warranty	1-Year Limited Warranty

** Preliminary values shown for budgetary / conceiving purposes. Final specifications depend on product size, rate, pallet pattern, end effector selection, and plant requirements.*



PROCESS CONTROL AUTOMATION

Safety & Compliance

- Designed in accordance with applicable ANSI/RIA and OSHA safety standards
- Integrated emergency stop circuits with system status indication
- Safety-rated control system with monitored circuits
- Perimeter guarding with area scanners and pallet zone protection
- Lockout/Tagout (LOTO) provisions for safe maintenance access

Dimensions

Final system dimensions vary by infeed height, pallet handling method, product presentation, and safety layout. General arrangement drawings available upon request. Dimensions (in.)

