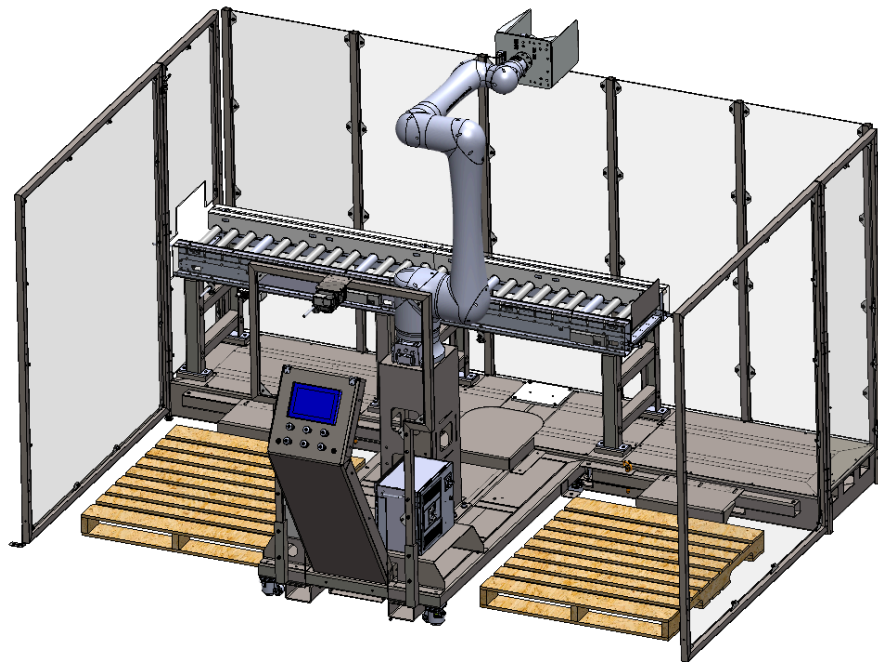




Collaborative Robot Palletizer

Prices Starting at \$149,900.00



Overview

Improve throughput, reduce manual handling, and gain flexible palletizing performance in a compact footprint. The PCA Collaborative Robot Palletizer is designed to automate case, tray, and bundle palletizing with fast deployment, intuitive recipe changeovers, and safe operation in mixed-use production environments. This preliminary specification sheet is intended as a configurable baseline and can be adjusted to match product, pattern, and throughput requirements.



PROCESS CONTROL AUTOMATION

Key Features

- Collaborative robot architecture for safe operator interaction
- Infeed configurable to be inline or side infeed
- Recipe based pallet pattern management
- Compact cell layout for space-constrained lines
- Allen-Bradley PLC and HMI control package
- Quick changeover for multiple SKU sizes and patterns
- Remote support ready with plant network connectivity

Standard Specifications

Production Speed	Up to 10 picks/minute*
Product Types	Cases, trays, totes, bundles
Product Weight Range	Up to 40 lbs. nominal*
Pallet Size Range	40 x 48 in standard; configurable
Stack Height	Up to 84 in typical*
End Effector	Vacuum, clamp, or combo tooling
Control Platform	Allen-Bradley PLC with HMI
Robot	Fanuc CRX-30iA
Power Requirements	120VAC / 1PH / 60Hz / 20A
Air Requirement	5 CFM @ 80 PSI
Safety Design	Collaborative
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

- Collaborative operation subject to application-specific risk assessment
- Integrated emergency stop circuits and status indication
- Optional perimeter guarding, area scanners, and pallet zone protection

Dimensions

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

