



Professional Packaging Systems

2010 S. Great Southwest Parkway
Grand Prairie, Texas 75051
www.ProPac.com

Contact

Our Packaging Experts
solutions@propac.com
888-318-0083

Pearson RPC Robotic Palletizer



At a Glance

- Multi-line palletizing with single robot or multiple robots
- Flexible and programmable palletizing patterns
- Customizable end-of-arm tooling

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Multi-Axis Articulated Arm Robot for Specific Palletizing

The Pearson RPC Robotic Palletizing Cell is a custom solution for specific project requirements and plant layouts.

Featuring a multi-axis articulated arm robot, all RPC models are highly-flexible and offer reliable operation.

Fast, pre-programmed changeovers and customizable end-of-arm tooling allow the RPC to easily palletize a variety of products and pallet patterns.

Benefits

Increase speed: Operate at speeds of up to 12 cases per minute.

Prevent injuries: Reduce risk for possible injuries from repeated heavy lifting.

Stay safe: Robotic palletizing cells are guarded with fencing and in some instances light curtains to prevent human contact with a moving robot.

Lower expenses: Reduces labor costs, with aggressive price-point, ROI is quickly realized.

Save space: Highly compact footprint, enabling increased productivity without sacrificing valuable workspace.

Capabilities

Multiple pallet handling

Pallet conveying

Applying slip sheets

Multi-line palletizing with single robot or multiple robots
Flexible and programmable palletizing patterns

Options

Automatic end of arm tool changeover
LED Beacons
Oversized and undersized cases
Controls integration
Remote access router
Auxiliary operator stations
Heavy case metering
Grace port
Plant level ethernet connection

Controls

Allen-Bradley PLC
PackML compliant
PanelView Color HMI

Specifications

Air: 80 PSI
Power: 460 VAC
Disconnect: 30 Amps

Pearson RPC Models

RPC-C Compact Palletizer	Smallest unit at just over 10 x 7 feet, the robotic cell offers a single pallet build station with manual load/unload function
RPC-DF Dual Floor Palletizer	Doubles your build stations to provide continuous operation and maintains a manual load/unload function
RPC-OU Over/Under Palletizer	Dual pallet conveyor: Empty pallets are supplied on the bottom level while full pallets are discharged on the upper level providing continuous operations without manual interference
RPC-PH Pallet Handling Palletizer	Automates pallet load and discharge function and also provides automatic slip sheet handling

Pearson RPC Model Specifications

Model	Application	Max Speed (CPM)	Min Case Size	Max Case Size	Machine Size	Pallet Handling	Sheet Handling
RPC-C	Single pallet with manual load and unload function	12	9"L 5"W 6"H	17.5"L 15"W 20"H	10.3'L 7.5'W 8.3'H	Manual	Manual
RPC-DF	Dual pallet station allows manual replacement of pallet while other pallet is built	12	9"L 5"W 6"H	17.5"L 15"W 20"H	12'L 8.9'W 7.6'H	Manual	Manual
RPC-OU	Empty pallets supplied on bottom level and full pallets discharged on upper level	12	9"L 5"W 6"H	17.5"L 15"W 20"H	15'L 9'W 11'H	3 conveyor Case infeed Pallet infeed Pallet discharge	Manual
RPC-PH	Fully automatic pallet load and unload function	12	9"L 5"W 6"H	17.5"L 15"W 20"H	20'L 11'W 8.5'H	2 conveyor Case infeed Pallet discharge	Robotic

Please [contact Pro Pac](#) or call 888-318-0083 for your palletizing equipment.