



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

Fanuc CRX-30iA Cobot Collaborative Robot



At a Glance

- Max Payload: 30 kg
- 6 to 8 picks per minute with 1 to 2 boxes per pick
- No need for safety fencing around the robot cell

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.

Robot Arm with 30 kg Max Payload

The Fanuc CRX-30iA Cobot is part of Fanuc's line of collaborative robots, or Cobots, made with the specific intention of working safely and efficiently alongside human staff.

Pro Pac provides custom end-of-arm tools and configurations that seamlessly integrate with Fanuc robots and the needs of any packaging line.

Features

Max Payload: 30kg (not including 5kg to 10kg gripper weight depending on box sizes)

6 to 8 picks per minute with 1 to 2 boxes per pick (Up to 16 cases per minute)

Operator Friendly: No need for safety fencing around the robot cell

Foam pad style vacuum gripper for flexibility and secure grip on most types of packages

Folding Legs and conveyor for transportation

Built-in pallet locating fixtures

Stand-alone unit that can be easily moved by a forklift

Adjustable gripper to accommodate a variety of box sizes

Available in food safe robot option

Integrated box alignment fixtures and conveyor

Optional safety scanners for High speed mode

Specifications

Max Payload: 30 kg

Reach: 1756 mm

Axis: 6

Repeatability: ± 0.05 mm

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

Specifications of Fanuc CRX Robots

Specification	CRX-5iA	CRX-10iA	CRX-10iA/L	CRX-20iA/L	CRX-30iA
Type	5	10	10	20	30
Controlled Axis	6	6	6	6	6
Max Load at Wrist (kg)	5	10	10	20	30/25
Reach (mm) ¹	994	1,249	1,418	1,418	1,756/1,889 ⁴
Repeatability (mm) ³	± 0.03	± 0.04	± 0.04	± 0.04	± 0.05
Mass (kg)	25	40	40	41	135
Installation Floor Upside Down Wall	Standard	Standard	Standard	Standard	Standard
Motion Range					
J1 Axis Rotation (°)	400	380	360	360	360
J2 Axis Rotation (°)	360	360	360	360	360
J3 Axis Rotation (°)	635	570	540	540	540
J4 Axis Wrist Rotation (°)	380	380	380	380	380
J5 Axis Wrist Swing (°)	360	360	360	360	360
J6 Axis Wrist Rotation (°)	450	450	450	450	450
Max Speed Collaborative Mode (mm/s) ²	1,000	1,000	1,000	1,000	1,000
Max Speed High-Speed Mode (mm/s) ²	2,000	2,000	2,000	2,000	2,000
Allowable Load Moment at Wrist					
J4 Axis (Nm)	19.0	34.8	34.8	70.0	100.0
J5 Axis (Nm)	15.4	26.0	26.0	64.0	74.0

J6 Axis (Nm)	6.7	11.0	11.0	30.0	32.0
--------------	-----	------	------	------	------

Allowable Load Inertia at Wrist

J4 Axis (kgm ²)	0.77	1.28	1.28	4.00	4.70
-----------------------------	------	------	------	------	------

J5 Axis (kgm ²)	15.4	26.0	26.0	64.0	74.0
-----------------------------	------	------	------	------	------

J6 Axis (kgm ²)	0.10	0.30	0.30	2.00	2.00
-----------------------------	------	------	------	------	------

Installation Environment

Input Power Source (VAC)	100-120200- 240	100-120200- 240	100-120200- 240	100-120200- 240	100-120200- 240
--------------------------	--------------------	--------------------	--------------------	--------------------	--------------------

Ambient Operating Temp (°C)	0-45	0-45	0-45	0-45	0-45
-----------------------------	------	------	------	------	------

Protection

Body Standard / Optional	IP67	IP67	IP67	IP67	IP67
--------------------------	------	------	------	------	------

Wrist & J3 Arm Standard / Optional	IP67	IP67	IP67	IP67	IP67
---------------------------------------	------	------	------	------	------

- 1) Reach specification from faceplate 2) Necessary to set a motion speed according to risk assesment of system 3) Compliant with ISO9283 4) Operating space expanded when 25kg payload mode selected

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