



Professional Packaging Systems

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Fanuc CRX-25iA Cobot Collaborative Robot



At a Glance

- Max Payload: 25/30 kg
- Reach: 1889 mm
- Axis: 6
- Mechanical Weight: 135 kg

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 25/30 kg Max Payload

As the most powerful Cobot in the Fanuc CRX robot arm lineup, the CRX-25iA is the heaviest lifter of the Fanuc CRX series of Collaborative robots to date. With a payload of 25-30kg and a reach of 1756-1889mm, the Fanuc CRX-25iA is perfect for jobs that require extra lifting in a collaborative environment while retaining the safety and easy programming that the CRX line is known for.

The Fanuc CRX 25iA robot is a perfect choice for applications including palletizing, material handling, machine tending, welding, and much more.

The Fanuc CRX Series of Cobots are 8 Years Zero Maintenance with the proven industrial reliability Fanuc customers expect.

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

Specifications

Max Payload: 25/30 kg

Reach: 1889 mm

Axis: 6

Mechanical Weight: 135

Repeatability: ± 0.05 mm

Mounting: Floor, inverted, wall

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 Collorative 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

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