



## Professional Packaging Systems

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## Contact

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# Fanuc CRX-10iA/L Cobot Collaborative Robot



## At a Glance

- Max Payload: 10 kg
- Reach: 1418 mm
- Axis: 6
- Mechanical Weight: 40 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 10 kg Max Payload and Longer Reach

The Fanuc CRX-10iA/L collaborative robot is the perfect industrial robotics solution for manufacturers with little to no robotic experience, covering a variety of applications across industries.

With a slightly longer reach than the Fanuc CRX-10iA robot arm, the CRX-10iA/L comes equipped with a 10kg payload, 1,418mm reach and unique underflip motion, rendering this robot arm a perfect solution for a wide variety of industrial applications that require dynamic movement in a relatively combined space, including machine tending, picking and packing, dispensing and welding.

The Fanuc CRX Series of Cobots are 8 Years, Zero Maintenance with the proven industrial reliability Fanuc customers expect. For painting and dispensing applications, this model is also offered as the CRX-10iA/L painting Cobot.

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: 10 kg

Reach: 1418 mm

Axis: 6

Mechanical Weight: 40

Repeatability:  $\pm 0.04$  mm

Mounting: Floor, inverted, angle

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) <sup>1</sup>	994	1,249	1,418	1,418	1,756/1,889 <sup>4</sup>
Repeatability (mm) <sup>3</sup>	±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
<b>Motion Range</b>					
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) <sup>2</sup>	1,000	1,000	1,000	1,000	1,000
Max Speed High-Speed Mode (mm/s) <sup>2</sup>	2,000	2,000	2,000	2,000	2,000
<b>Allowable Load Moment at Wrist</b>					
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
<b>Allowable Load Inertia at Wrist</b>					

J4 Axis (kgm <sup>2</sup> )	0.77	1.28	1.28	4.00	4.70
J5 Axis (kgm <sup>2</sup> )	15.4	26.0	26.0	64.0	74.0
J6 Axis (kgm <sup>2</sup> )	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
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Ambient Operating Temp (°C)	0-45	0-45	0-45	0-45	0-45
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**Protection**

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