

COLLABORATIVE ROBOTS

KIKOBOT CI SERIES

Designed for powerful performance.

The Kikobot CI Series combines intuitive operation with industrial-grade performance. With built-in safety features, one-handed teaching, and powerful connectivity, the CI Series models make automation accessible, reliable, and ready for diverse applications.

3 to 30 kg models are available.



Safe & Reliable

Built-in safety functions and compliance.



Easy to Learn

One-handed teaching and drag-to-teach programming.



Easy Programming

Drag-and-drop-based programming with Kikobot Studio software.



Precise Performance

High repeatability of ± 0.05 mm for precision-driven applications.



Quick Deployment

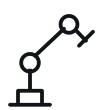
Compact design with floor-mounting and plug-and-play setup.



Flexible Integration

Easily integrates with grippers, vision systems, suction cups, and custom end-effectors.

APPLICATIONS



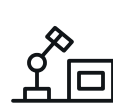
Assembly & Handling



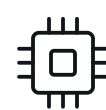
Packaging & Logistics



Inspection & Testing



Machine Tending



Electronics & Consumer Goods

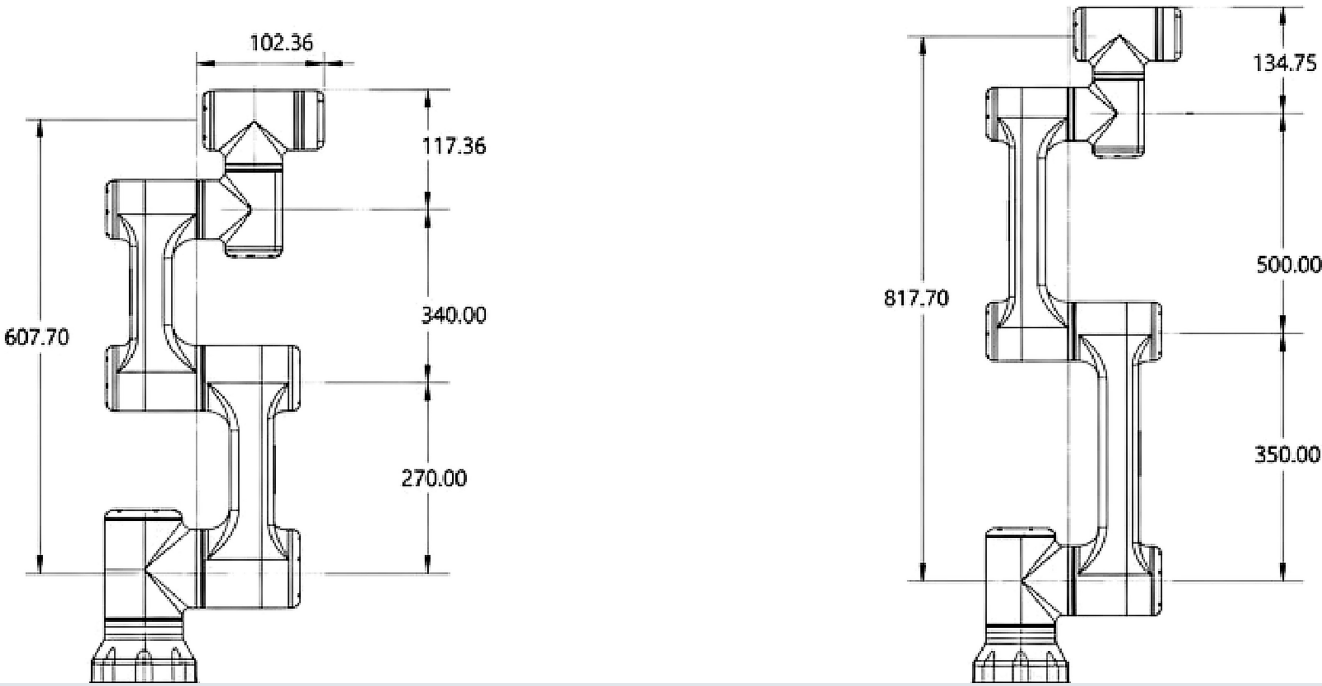


Research & Education

TECHNICAL SPECIFICATIONS

Parameter		Kikobot CI3	Kikobot CI5
Degrees of Freedom (DoF)		6	6
Payload		3 kg	5 kg
Reach		600 mm	860 mm
Repeatability		±0.05 mm	±0.05 mm
Linear Velocity (m/s)		2.5 m/s	2.5 m/s
Robot Weight		14 kg	24 kg
Range of Motion	J1	±360°	±360°
	J2	±360°	±360°
	J3	±360°	±360°
	J4	±360°	±360°
	J5	±360°	±360°
	J6	±360°	±360°
Maximum Joint Speed	J1	160°/s	160°/s
	J2	160°/s	160°/s
	J3	180°/s	180°/s
	J4	180°/s	180°/s
	J5	180°/s	180°/s
	J6	180°/s	180°/s
Communication Interface		Ethernet / Modbus	Ethernet / Modbus
End Effector I/O		DI, DO, AI, AO / RS485	DI, DO, AI, AO / RS485
Power Supply		100–240V AC, 50/60 Hz	100–240V AC, 50/60 Hz
Rated Voltage		48V DC	48V DC
Nominal Power Consumption		400 W	550 W
Operating Temperature		0–60°C	0–60°C
Installation Method		Floor mounting	Floor mounting
Materials		Aluminium, ABS	Aluminium, ABS

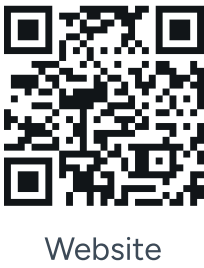
MECHANICAL SPECIFICATIONS



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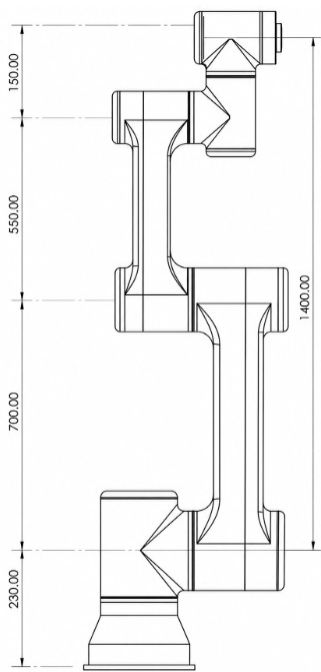
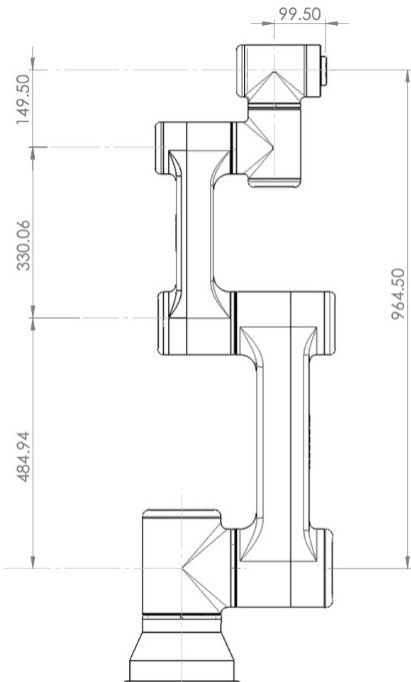
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TECHNICAL SPECIFICATIONS

Parameter		Kikobot CI7	Kikobot CI10
Degrees of Freedom (DoF)		6	6
Payload		7 kg	10 kg
Reach		960 mm	1400 mm
Repeatability		±0.05 mm	±0.05 mm
Linear Velocity (m/s)		3 m/s	2.5 m/s
Robot Weight		25 kg	39 kg
Range of Motion	J1	±360°	±360°
	J2	±360°	±360°
	J3	±150°	±150°
	J4	±360°	±360°
	J5	±360°	±360°
	J6	±360°	±360°
Maximum Joint Speed	J1	160°/s	160°/s
	J2	160°/s	160°/s
	J3	180°/s	160°/s
	J4	180°/s	180°/s
	J5	180°/s	180°/s
	J6	180°/s	180°/s
Communication Interface		Ethernet / Modbus	Ethernet / Modbus
End Effector I/O		DI, DO, AI, AO / RS485	DI, DO, AI, AO / RS485
Power Supply		100–240V AC, 50/60 Hz	100–240V AC, 50/60 Hz
Rated Voltage		48V DC	48V DC
Power Consumption		600 W	750 W
Operating Temperature		0–60°C	0–60°C
Installation Method		Floor mounting	Floor mounting
Materials		Aluminium, ABS	Aluminium, ABS

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