



Dongguan Rainbow Co., Ltd

www.rainbow-robots.com



— Leader of a full range of handling and palletizing robots

Mount Tai, China



Only through technological innovation can we achieve success

—Rainbow Robot Family Serving Various Industries Around the World



INDUSTRIAL ROBOT

Why choose Rainbow Robot

Maintain a leading position in industrial robot design.
It enjoys a high reputation in terms of accuracy and reliability.

东莞市合弘七彩科技有限公司结合公司自身生产技术优势，强强联合建立前沿的具有创新性的产学研合作基地，打造具有真正自主知识产权的国产机器人品牌。

目前七彩机器人产品主打全系列搬运码垛机器人，产品将广泛应用于各类“机器换人”生产环节。

公司坚持“倡导科技先行”的发展理念，发挥山东大学控制科学与工程学院“理论研究为先导，工程应用为根本”的基本理念，秉承科技创新的发展观，力求打造真正与国际一线品牌媲美的国产机器人品牌！

为“新旧动能转换”贡献力量！

Dongguan Rainbow Co., Ltd combining the company's own production technology advantages, the company has jointly established a cutting-edge and innovative industry university research cooperation base, and has created a domestic robot brand with truly independent intellectual property rights.

At present, Rainbow Robot specialize in a full range of handling and palletizing robots, which will be widely used in various "machine replacement" production processes.

The company adheres to the development concept of "advocating technology first", leverages the basic concept of "theoretical research as the guide and engineering application as the foundation" of the School of Control Science and Engineering at Shandong University, adheres to the development concept of "technological innovation is the key to success", and strives to create a domestic robot brand that is truly comparable to international first tier brands!

Contribute scientific efforts to the transformation of old and new kinetic energy!

QC1004B-580

Industrial robot

Wrist can handle a load of 4kg, with a working radius of 580mm



QC107B-740

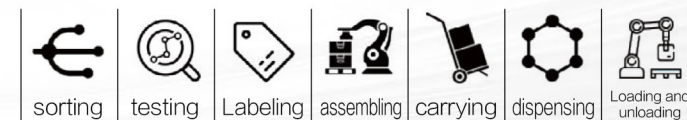
Industrial robot

Wrist can handle a load of 7kg, with a working radius of 740mm



Model	QC1004B-580
Type	Vertical joint with 6 degrees of freedom
Payload	4KG
Working radius	580mm
Position repetition accuracy	±0.02mm
Body weight	27KG
Power capacity	2.0KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP67
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Sorting, testing, labeling, assembly, handling, dispensing, loading and unloading

Action range	Basic axis	J1	±170°
		J2	-150° +90°
		J3	-70° +200°
	Arm axis	J4	±190°
		J5	±125°
		J6	±360°
Maximum speed	Basic axis	J1	480° /S
		J2	460° /S
		J3	520° /S
	Arm axis	J4	560° /S
		J5	560° /S
		J6	880° /S



Model	QC1007B-740
Type	Vertical joint with 6 degrees of freedom
Payload	7KG
Working radius	740mm
Position repetition accuracy	±0.02mm
Body weight	45KG
Power capacity	3.0KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP67
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Sorting, testing, labeling, assembly, handling, dispensing, loading and unloading

Action range	Basic axis	J1	±170°
		J2	-140° +80°
		J3	-75° +200°
	Arm axis	J4	±190°
		J5	±130°
		J6	±360°
Maximum speed	Basic axis	J1	300° /S
		J2	300° /S
		J3	400° /S
	Arm axis	J4	550° /S
		J5	560° /S
		J6	975° /S

QC1007B-920

Industrial robot

Wrist can handle a load of 7kg, with a working radius of 920mm



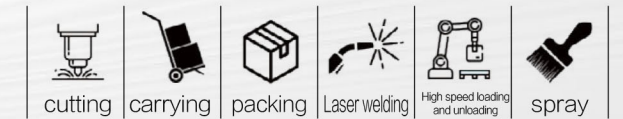
Model	QC1007B-920
Type	Vertical joint with 6 degrees of freedom
Payload	7KG
Working radius	920mm
Position repetition accuracy	±0.02mm
Body weight	47KG
Power capacity	3.0KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP67
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Sorting, testing, labeling, assembly, handling, dispensing, loading and unloading

Action range	Basic axis	J1	±170°
		J2	-140° +80°
		J3	-75° +200°
	Arm axis	J4	±190°
		J5	±130°
		J6	±360°
Maximum speed	Basic axis	J1	300° /S
		J2	300° /S
		J3	400° /S
	Arm axis	J4	550° /S
		J5	560° /S
		J6	975° /S

QC1012B-1550

Industrial robot

Wrist can handle a load of 12kg, with a working radius of 1550mm



Model	QC1012B-1550
Type	Vertical joint with 6 degrees of freedom
Payload	12KG
Working radius	1550mm
Position repetition accuracy	±0.05mm
Body weight	210KG
Power capacity	4.5KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP56/IP67
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Cutting, handling, packaging, laser welding, high-speed loading and unloading, spraying

Action range	Basic axis	J1	±170°
		J2	+80° -145°
		J3	+145° -75°
	Arm axis	J4	±190°
		J5	+20° -200°
		J6	±360°
Maximum speed	Basic axis	J1	257° /S
		J2	223° /S
		J3	257° /S
	Arm axis	J4	272° /S
		J5	275° /S
		J6	540° /S

QC1015B-1700

Industrial robot

Wrist can handle a load of 15kg, with a working radius of 1700mm



QC1020B-2000

Industrial robot

Wrist can handle a load of 20kg, with a working radius of 2000mm



Model	KW1015B-1700
Type	Vertical joint with 6 degrees of freedom
Payload	15KG
Working radius	1700mm
Position repetition accuracy	± 0.05mm
Body weight	215KG
Power capacity	2.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	±170°
		J2	+90° -145°
		J3	+125° -81°
	Arm axis	J4	±180°
		J5	±125°
		J6	±360°
Maximum speed	Basic axis	J1	220° /S
		J2	180° /S
		J3	220° /S
	Arm axis	J4	270° /S
		J5	272° /S
		J6	380° /S

Model	QC1020B-2000
Type	Vertical joint with 6 degrees of freedom
Payload	20KG
Working radius	2000mm
Position repetition accuracy	± 0.05mm
Body weight	195KG
Power capacity	3.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	±180°
		J2	+90° -160°
		J3	+165° -85°
	Arm axis	J4	±170°
		J5	±130°
		J6	±360°
Maximum speed	Basic axis	J1	220° /S
		J2	180° /S
		J3	200° /S
	Arm axis	J4	360° /S
		J5	360° /S
		J6	400° /S

QC1030B-1850

Industrial robot
Wrist can handle a load of 30kg, with a working radius of 1850mm >>



Model	QC1030B-1850
Type	Vertical joint with 6 degrees of freedom
Payload	30KG
Working radius	1850mm
Position repetition accuracy	± 0.05mm
Body weight	190KG
Power capacity	3.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	+90° -160°
		J3	+140° -85°
	Arm axis	J4	± 170°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	220° /S
		J2	180° /S
		J3	200° /S
	Arm axis	J4	360° /S
		J5	360° /S
		J6	400° /S

QC1035B-1850

Industrial robot
Wrist can handle a load of 35kg, with a working radius of 1850mm >>



Model	QC1035B-1850
Type	Vertical joint with 6 degrees of freedom
Payload	35KG
Working radius	1850mm
Position repetition accuracy	± 0.05mm
Body weight	190KG
Power capacity	3.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	+90° -160°
		J3	+140° -85°
	Arm axis	J4	± 170°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	220° /S
		J2	180° /S
		J3	200° /S
	Arm axis	J4	360° /S
		J5	360° /S
		J6	400° /S

QC1050B-2100

Industrial robot
Wrist can handle a load of 50kg, with a working radius of 2100mm



Model	QC1050B-2100
Type	Vertical joint with 6 degrees of freedom
Payload	50KG
Working radius	2100mm
Position repetition accuracy	± 0.05mm
Body weight	540KG
Power capacity	5.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-90° +135°
		J3	-185° +75°
	Arm axis	J4	± 180°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	170° /S
		J2	120° /S
		J3	185° /S
	Arm axis	J4	255° /S
		J5	255° /S
		J6	320° /S

QC1070B-2100

Industrial robot
Wrist can handle a load of 70kg, with a working radius of 2100mm



Model	QC1070B-2100
Type	Vertical joint with 6 degrees of freedom
Payload	70KG
Working radius	2100mm
Position repetition accuracy	± 0.05mm
Body weight	540KG
Power capacity	5.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-90° +135°
		J3	-185° +75°
	Arm axis	J4	± 180°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	175° /S
		J2	135° /S
		J3	170° /S
	Arm axis	J4	240° /S
		J5	245° /S
		J6	350° /S

QC1080B-2200

Industrial robot

Wrist can handle a load of 80kg, with a working radius of 2200mm



QC1080B-2700

Industrial robot

Wrist can handle a load of 80kg, with a working radius of 2700mm



Model	QC1080B-2200
Type	Vertical joint with 6 degrees of freedom
Payload	80KG
Working radius	2200mm
Position repetition accuracy	± 0.05mm
Body weight	540KG
Power capacity	5.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-90° +135°
		J3	-185° +75°
	Arm axis	J4	± 180°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	175° /S
		J2	135° /S
		J3	170° /S
	Arm axis	J4	240° /S
		J5	245° /S
		J6	350° /S

Model	QC1080B-2700
Type	Vertical joint with 6 degrees of freedom
Payload	80KG
Working radius	2700mm
Position repetition accuracy	± 0.05mm
Body weight	570KG
Power capacity	5.0KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-90° +135°
		J3	-185° +75°
	Arm axis	J4	± 180°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	170° /S
		J2	120° /S
		J3	185° /S
	Arm axis	J4	255° /S
		J5	255° /S
		J6	320° /S

QC1130B-3200

Industrial robot
Wrist can handle a load of 130kg, with a working radius of 3200mm



QC1160B-3200

Industrial robot
Wrist can handle a load of 160kg, with a working radius of 3200mm



Model	QC1130B-3200
Type	Vertical joint with 6 degrees of freedom
Payload	130KG
Working radius	3200mm
Position repetition accuracy	±0.06mm
Body weight	1050KG
Power capacity	11KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	±180°
		J2	-60° +90°
		J3	-150° +80°
	Arm axis	J4	±180°
		J5	±125°
		J6	±360°
Maximum speed	Basic axis	J1	110° /S
		J2	100° /S
		J3	100° /S
	Arm axis	J4	150° /S
		J5	140° /S
		J6	190° /S

Model	QC1160B-3200
Type	Vertical joint with 6 degrees of freedom
Payload	160KG
Working radius	3200mm
Position repetition accuracy	±0.06mm
Body weight	1050KG
Power capacity	11KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	±180°
		J2	-60° +90°
		J3	-150° +80°
	Arm axis	J4	±180°
		J5	±125°
		J6	±360°
Maximum speed	Basic axis	J1	110° /S
		J2	100° /S
		J3	100° /S
	Arm axis	J4	150° /S
		J5	140° /S
		J6	190° /S

QC1170B-2700

Industrial robot
Wrist can handle a load of 170kg, with a working radius of 2700mm >>



Model	QC1170B-2700
Type	Vertical joint with 6 degrees of freedom
Payload	170KG
Working radius	2700mm
Position repetition accuracy	± 0.06mm
Body weight	1020KG
Power capacity	11KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-60° +90°
		J3	-150° +80°
	Arm axis	J4	± 180°
		J5	± 125°
		J6	± 360°
Maximum speed	Basic axis	J1	120° /S
		J2	110° /S
		J3	120° /S
	Arm axis	J4	200° /S
		J5	210° /S
		J6	265° /S

QC1220B-2700

Industrial robot
Wrist can handle a load of 220kg, with a working radius of 2700mm >>



Model	QC1220B-2700
Type	Vertical joint with 6 degrees of freedom
Payload	220KG
Working radius	2700mm
Position repetition accuracy	± 0.06mm
Body weight	1020KG
Power capacity	11KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-60° +90°
		J3	-150° +80°
	Arm axis	J4	± 180°
		J5	± 125°
		J6	± 360°
Maximum speed	Basic axis	J1	100° /S
		J2	72° /S
		J3	95° /S
	Arm axis	J4	110° /S
		J5	110° /S
		J6	151° /S

QC1220B-3200

Industrial robot

Wrist can handle a load of 220kg, with a working radius of 3200mm

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QC1280B-2700

Industrial robot

Wrist can handle a load of 280kg, with a working radius of 2700mm

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Model	QC1220B-3200
Type	Vertical joint with 6 degrees of freedom
Payload	220KG
Working radius	3200mm
Position repetition accuracy	± 0.06mm
Body weight	1050KG
Power capacity	11KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-60° +90°
		J3	-150° +80°
	Arm axis	J4	± 180°
		J5	± 125°
		J6	± 360°
Maximum speed	Basic axis	J1	110° /S
		J2	100° /S
		J3	100° /S
	Arm axis	J4	150° /S
		J5	140° /S
		J6	190° /S

Model	QC1280B-2700
Type	Vertical joint with 6 degrees of freedom
Payload	280KG
Working radius	2700mm
Position repetition accuracy	± 0.06mm
Body weight	1020KG
Power capacity	11KVA
Installation method	Ground lifting
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing, loading and unloading

Action range	Basic axis	J1	± 180°
		J2	-60° +90°
		J3	-150° +80°
	Arm axis	J4	± 180°
		J5	± 125°
		J6	± 360°
Maximum speed	Basic axis	J1	100° /S
		J2	72° /S
		J3	95° /S
	Arm axis	J4	110° /S
		J5	110° /S
		J6	151° /S

QC1010M-1500

Industrial robot
Wrist can handle a load of 10kg, with a working radius of 1500mm >>



Model	QC1010M-1500
type	Vertical joint with 4 degrees of freedom
Payload	10KG
Working radius	1500mm
Position repetition accuracy	±0.05mm
Body weight	165KG
Power capacity	3.0KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP56/IP67

Action range	Basic axis	J1	±170°
		J2	-32° +80°
		J3	+20° -90°
	Arm axis	J4	±360°
		J1	223° /S
		J2	173° /S
Maximum speed	Basic axis	J3	300° /S
		J4	480° /S
		J1	223° /S
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)		
Main uses	Handling, palletizing, loading and unloading		

QC1030M-1835

Industrial robot
Wrist can handle a load of 30kg, with a working radius of 1835mm >>



Model	QC1030M-1835
type	Vertical joint with 4 degrees of freedom
Payload	30KG
Working radius	1835mm
Position repetition accuracy	±0.05mm
Body weight	220KG
Power capacity	3.0KVA
Installation method	ground
Protection level	Equivalent to IP54

Action range	Basic axis	J1	±170°
		J2	-45° +105°
		J3	-20° +105°
	Arm axis	J4	±360°
		J1	172° /S
		J2	172° /S
Maximum speed	Basic axis	J3	212° /S
		J4	350° /S
		J1	172° /S
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)		
Main uses	Handling, palletizing, loading and unloading		

QC1060M-2100

Industrial robot
Wrist can handle a load of 60kg, with a working radius of 2100mm >>



Model	QC1060M-2100
type	Vertical joint with 4 degrees of freedom
Payload	60KG
Working radius	2100mm
Position repetition accuracy	±0.2mm
Body weight	500KG
Power capacity	5.0KVA
Installation method	ground
Protection level	Equivalent to IP54

Action range	Basic axis	J1	±180°
		J2	-35° +90°
		J3	-15° +110°
	Arm axis	J4	±360°
		J1	170° /S
		J2	148° /S
Maximum speed	Basic axis	J3	185° /S
		J4	285° /S
		J1	100° /S
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)		
Main uses	Handling, palletizing, loading and unloading		

QC1120M-2400

Industrial robot
The wrist can handle a load of 120kg, and the working radius can reach 2400mm >>



Model	QC1120M-2400
type	Vertical joint with 4 degrees of freedom
Payload	120KG
Working radius	2400mm
Position repetition accuracy	±0.2mm
Body weight	1020KG
Power capacity	11KVA
Installation method	ground
Protection level	Equivalent to IP54

Action range	Basic axis	J1	±180°
		J2	+45° -85°
		J3	+20° -120°
	Arm axis	J4	±360°
		J1	100° /S
		J2	104° /S
Maximum speed	Basic axis	J3	104° /S
		J4	290° /S
		J1	100° /S
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)		
Main uses	Handling, palletizing, loading and unloading		

QC1180M-3200

Industrial robot
Wrist can handle a load of 180kg, with a working radius of 3200mm >>

QC1300M-3200

Industrial robot
Wrist can handle a load of 300kg, with a working radius of 3200mm >>



Model	QC1180M-3200
type	Vertical joint with 4 degrees of freedom
Payload	180KG
Working radius	3200mm
Position repetition accuracy	±0.2mm
Body weight	1150KG
Power capacity	11KVA
Installation method	ground
Protection level	Equivalent to IP54

Action range	Basic axis	J1	±180°
		J2	-41° +90°
		J3	-17° +115°
	Arm axis	J4	±360°
		J1	100° /S
		J2	95° /S
Maximum speed		J3	104° /S
	Arm axis	J4	290° /S
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)		
Main uses	Handling, palletizing, loading and unloading		

Model	QC1300M-3200
type	Vertical joint with 4 degrees of freedom
Payload	300KG
Working radius	3200mm
Position repetition accuracy	±0.2mm
Body weight	1200KG
Power capacity	12KVA
Installation method	ground
Protection level	Equivalent to IP54

Action range	Basic axis	J1	±180°
		J2	-41° +90°
		J3	-17° +115°
	Arm axis	J4	±360°
		J1	100° /S
		J2	95° /S
Maximum speed		J3	100° /S
	Arm axis	J4	200° /S
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)		
Main uses	Handling, palletizing, loading and unloading		

QC1030D-1800

Industrial robot

Wrist can handle a load of 30kg, with a working radius of 1800mm



QC1040D-2000

Industrial robot

Wrist can handle a load of 40kg, with a working radius of 2000mm



Mobile palletizing workstation

- ◎ Support level 10 collision detection
- ◎ The maximum stacking height reaches 2.1 meters



Mobile palletizing workstation

- ◎ Support level 10 collision detection
- ◎ The maximum stacking height reaches 2.5 meters



Model	QC1030D-1800
type	Vertical joint with 6 degrees of freedom
Payload	30KG
Working radius	1800mm
Position repetition accuracy	±0.1mm
Body weight	400KG
Power capacity	2.0KVA
Installation method	ground
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing

Action range	Basic axis	J1	±180°
		J2	±180°
		J3	±160°
	Arm axis	J4	±180°
		J5	±360°
Maximum speed	Lift shaft	0-600mm	
	Basic axis	J1	120° /S
		J2	120° /S
		J3	140° /S
	Arm axis	J4	180° /S
		J5	180° /S
	Lift shaft	200mm/S	

Model	QC1040D-2000
type	Vertical joint with 6 degrees of freedom
Payload	40KG
Working radius	2000mm
Position repetition accuracy	±0.08mm
Body weight	750KG
Power capacity	3.0KVA
Installation method	ground
Protection level	Equivalent to IP54
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Handling, palletizing

Action range	Basic axis	J1	±170°
		J2	+90° -160°
		J3	+165° -85°
	Arm axis	J4	±170°
		J6	±360°
Maximum speed	Lift shaft	0-600mm	
	Basic axis	J1	220° /S
		J2	180° /S
		J3	200° /S
	Arm axis	J4	360° /S
		J6	400° /S
	Lift shaft	200mm/S	

QC1010B-1440

Industrial robot

Wrist can handle a load of 10kg, with a working radius of 1440mm



QC1012B-2010

Industrial robot

Wrist can handle a load of 12kg, with a working radius of 2010mm



(Gas protection, argon arc, laser, aluminum, stainless steel, carbon steel)



(Gas protection, argon arc, laser, aluminum, stainless steel, carbon steel)

Model	QC1010B-1440
Type	Vertical joint with 6 degrees of freedom
Payload	10KG
Working radius	1440mm
Position repetition accuracy	± 0.05mm
Body weight	210KG
Power capacity	4.5KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP56/IP67
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Welding specific

Action range	Basic axis	J1	± 167°
		J2	+80° -145°
		J3	+145° -75°
	Arm axis	J4	± 190°
		J5	+50° -210°
		J6	± 220°
Maximum speed	Basic axis	J1	285° /S
		J2	247° /S
		J3	285° /S
	Arm axis	J4	392° /S
		J5	272° /S
		J6	1353° /S

Model	QC1012B-2010
Type	Vertical joint with 6 degrees of freedom
Payload	12KG
Working radius	2010mm
Position repetition accuracy	± 0.05mm
Body weight	313KG
Power capacity	4.5KVA
Installation method	Floor standing, bracket standing, inverted hanging
Protection level	Equivalent to IP56/IP67
Applicable environment	0-45° C, 20-80%RH (No condensation phenomenon)
Main uses	Welding specific

Action range	Basic axis	J1	± 165°
		J2	+80° -145°
		J3	+145° -75°
	Arm axis	J4	± 190°
		J5	+50° -210°
		J6	± 220°
Maximum speed	Basic axis	J1	203° /S
		J2	203° /S
		J3	214° /S
	Arm axis	J4	392° /S
		J5	276° /S
		J6	1356° /S



Rainbow Robot provides services to various industries around the world.



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