

SHANDONG KEWEI ROBOT CO., LTD

www.keweirobot.com



—— Leader of a full range of handling and palletizing robots

Mount Tai, China

Only through technological innovation can we achieve success

——Kewei Robot Family Serving Various Industries Around the World



INDUSTRIAL ROBOT

Why choose Kewei Robotics?

Maintain a leading position in industrial robot design.

It enjoys a high reputation in terms of accuracy and reliability.

山东科为机器人有限公司与山东大学联合成立“山东大学——科为机器人研究中心”，引入山东大学先进的机器人研发技术，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。

目前科为机器人产品主打全系列工业机器人，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，方可有为”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!为新质生产力的发展和中国式现代化的实现贡献科为力量!

Shandong Kewei Robotics Co., Ltd. and Shandong University jointly established the "Shandong University - Kewei Robotics Research Center", introducing advanced robot research and development technology from Shandong University. 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, Kewei Robotics focuses on a full range of industrial 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! To contribute to the development of new quality productivity and the realization of Chinese path to modernization!

Small Six Axis Desktop Robot



Universal six axis robot



KW1005B-950

Wrist can handle a load of 5kg
with a working radius of 948mm

Model		KW1005B-950	
Type		Vertical joint with 6 degrees of freedom	
Payload		5KG	
Working radius		948mm	
Position repetition accuracy		± 0.05mm	
Body weight		43KG	
Power capacity		3.0KVA	
Installation method		Ground lifting	
Protection level		Equivalent to IP65	
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	-145° +80°
		J3	-70° +180°
	Arm axis	J4	± 180°
		J5	± 130°
		J6	± 360°
Maximum speed	Basic axis	J1	233° /S
		J2	236° /S
		J3	291° /S
	Arm axis	J4	372° /S
		J5	500° /S
		J6	375° /S

KW1008B-830

Wrist can handle a load of 8kg
with a working radius of 827mm

Model		KW1008B-830	
Type		Vertical joint with 6 degrees of freedom	
Payload		8KG	
Working radius		827mm	
Position repetition accuracy		± 0.05mm	
Body weight		42KG	
Power capacity		3.0KVA	
Installation method		Ground lifting	
Protection level		Equivalent to IP65	
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	-145° +80°
		J3	-70° +180°
	Arm axis	J4	±180°
		J5	±130°
		J6	±360°
Maximum speed	Basic axis	J1	233° /S
		J2	236° /S
		J3	291° /S
	Arm axis	J4	372° /S
		J5	500° /S
		J6	375° /S

KW1010B-920

Wrist can handle a load of 10kg
with a working radius of 920mm

Model		KW1010B-920	
Type		Vertical joint with 6 degrees of freedom	
Payload		10KG	
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

KW1012B-1550

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

Model		KW1012B-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

KW1020B-1700

Wrist can handle a load of 20kg
with a working radius of 1700mm

Model		KW1020B-1700	
Type		Vertical joint with 6 degrees of freedom	
Payload		20KG	
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

KW1020B-2000

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

Model		KW1020B-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



KW1030B-1850

Wrist can handle a load of 30kg
with a working radius of 1850mm

Model		KW1030B-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	+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



KW1035B-1850

Wrist can handle a load of 35kg
with a working radius of 1850mm

Model		KW1035B-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



KW1050B-2100

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

Model		KW1050B-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



KW1070B-2100

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

Model		KW1070B-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



KW1080B-2200

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

Model		KW1080B-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



KW1080B-2700

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

Model		KW1080B-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



KW1130B-3200

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

Model		KW1130B-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

KW1160B-3200

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

Model		KW1160B-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

KW1170B-2700

Wrist can handle a load of 170kg
with a working radius of 2700mm

Model		KW1170B-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

KW1220B-2700

Wrist can handle a load of 220kg
with a working radius of 2700mm

Model		KW1220B-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

KW1220B-3200

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

Model		KW1220B-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

KW1280B-2700

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

Model		KW1280B-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



KW1010M-1500

Wrist can handle a load of 10kg
with a working radius of 1500mm

Model	KW1010M-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		
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	-32° +80°
		J3	+20° -90°
Arm axis	J4	±360°	
Maximum speed	Basic axis	J1	223° /S
		J2	173° /S
		J3	300° /S
	Arm axis	J4	480° /S

KW1030M-1835

Wrist can handle a load of 30kg
with a working radius of 1835mm

Model	KW1030M-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		
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	-45° +105°
		J3	-20° +105°
Arm axis	J4	±360°	
Maximum speed	Basic axis	J1	172° /S
		J2	172° /S
		J3	212° /S
	Arm axis	J4	350° /S

KW1060M-2100

Wrist can handle a load of 60kg
with a working radius of 2100mm

Model	KW1060M-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		
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	-35° +90°
		J3	-15° +110°
Arm axis	J4	±360°	
Maximum speed	Basic axis	J1	170° /S
		J2	148° /S
		J3	185° /S
	Arm axis	J4	285° /S

KW1120M-2400

Wrist can handle a load of 120kg
with a working radius of 2400mm

Model	KW1120M-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		
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	+45° -85°
		J3	+20° -120°
Arm axis	J4	±360°	
Maximum speed	Basic axis	J1	100° /S
		J2	104° /S
		J3	104° /S
	Arm axis	J4	290° /S

KW1180M-3200

Wrist can handle a load of 180kg
with a working radius of 3200mm

Model	KW1180M-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		
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	-41° +90°
		J3	-17° +115°
Arm axis	J4	±360°	
Maximum speed	Basic axis	J1	100° /S
		J2	95° /S
		J3	104° /S
	Arm axis	J4	290° /S

KW1300M-3200

Wrist can handle a load of 300kg
with a working radius of 3200mm

Model	KW1300M-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		
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	-41° +90°
		J3	-17° +115°
Arm axis	J4	±360°	
Maximum speed	Basic axis	J1	100° /S
		J2	95° /S
		J3	100° /S
	Arm axis	J4	200° /S

Mobile lifting palletizing robot



Welding robot



KW1030D-1800

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

Model		KW1030D-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°
	Lift shaft	0-600mm	
Maximum speed	Basic axis	J1	120° /S
		J2	120° /S
		J3	140° /S
	Arm axis	J4	180° /S
		J5	180° /S
	Lift shaft	200mm/S	

KW1040D-2000

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

Model		KW1040D-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°
	Lift shaft	0-600mm	
Maximum speed	Basic axis	J1	220° /S
		J2	180° /S
		J3	200° /S
	Arm axis	J4	360° /S
		J6	400° /S
	Lift shaft	200mm/S	

KW1010B-1440

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

Model		KW1010B-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

KW1012B-2010

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

Model		KW1012B-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



KW1020X-1800

Wrist can handle a load of 20kg
with a working radius of 1800mm

Model		KW1020X-1800	
Type		Vertical joint with 6 degrees of freedom	
Payload		20KG	
Working radius		1800mm	
Position repetition accuracy		± 0.03mm	
Body weight		68KG	
Power capacity		1.5KVA	
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	± 180°
		J3	± 160°
	Arm axis	J4	± 180°
		J5	± 180°
		J6	± 360°
Maximum speed	Basic axis	J1	120° /S
		J2	120° /S
		J3	120° /S
	Arm axis	J4	150° /S
		J5	180° /S
		J6	180° /S

KW1140Z-2400

Wrist can handle a load of 140kg
with a working radius of 2400mm

Model		KW1140Z-2400	
Type		Vertical joint with 2 degrees of freedom	
Payload		140KG	
Working radius		2400mm	
Position repetition accuracy		± 0.2mm	
Body weight		750KG	
Power capacity		7.5KVA	
Installation method		ground	
Protection level		Equivalent to IP54	
Applicable environment		0-45° C, 20-80%RH (No condensation phenomenon)	
Main uses		Handling and boxing	
Action range	Basic axis	J1	
		J2	+45° -85°
		J3	+20° -120°
	Arm axis	J4	
		J5	
		J6	
Maximum speed	Basic axis	J1	
		J2	104° /S
		J3	104° /S
	Arm axis	J4	
		J5	
		J6	

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WECHAT OFFICIAL ACCOUNT



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