

QJAR
TÜRKİYE



QJAR
MAKING SMART
MORE SIMPLE

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CHINA 2025
(China Smart Manufacturing 2025)

**QJAR MAKING SMART
MORE SIMPLE**





PRODUCTS INTRODUCTION

Qian Jiang robot company now has six axis robots including 3kg/4kg/6kg/10kg/12kg/20kg/30kg/50kg/70kg/210kg, four axis robots including 15kg/30kg/100kg/130kg/180kg/260kg/800kg, and other high performance industrial robot .

QJR6-1400H

INDUSTRIAL ROBOT



- The robot is mainly used for arc welding, with high reliability and excellent value for money.
- Hollow structural arms and wrists, built-in welding cable, able to operate welding procedure in a narrow space, lightweight,
- Compact structure. By installing a protective cover, you can rest assured that it can be used in a variety of harsh environments (dust and drip).
- Large workspace, fast running speed, high repeat positioning accuracy, suitable for quality demanding welding applications

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	14.4 N·m
Payload	6kg			J6	5 N·m
Repeat Positioning	±0.08mm		Inertia Moment	J4	1.2 kg·m ²
Max Armspan	1461mm			J5	0.8 kg·m ²
Protection Degree	IP30			J6	0.1 kg·m ²
Robot Body Weight	150kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±174°		HUM	20%~80% RH No condensation
	J2	+159° , -93°		NVH	<4.9m/s ² (0.5G)
	J3	+95° , -125°		Others	Avoid flammable, corrosive gases and liquids;
	J4	±183°			Avoid contact with water, oil, dust, etc.;
	J5	+129° , -126°			Do not approach electrical noise source.
	J6	±360°			
Max Speed	J1	235°/s	Power Capacity	2.6kVA	
	J2	235°/s	Cabinet Size	600*480*920mm	
	J3	240°/s	Cabinet Weight	95kg	
	J4	361°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	361°/s	Installation	Wall、Ceiling	
	J6	974°/s			

QJR6-2000H

INDUSTRIAL ROBOT



- Enhanced reducer with large reduction ratio design, better control the accuracy.
- 4th axis hollow structure used double angular contact bearings to replace the traditional structure. Improve joint supported rigidity.
- 4, 6 axis with special gear clearance adjustment structure, higher joint precision.
- The wrist is changed into a U-shaped structure to improve the stiffness.
- With the above characteristics, the motion stability of the lengthened welding robot is greatly optimized.
- The wrist is shortened to improve flexibility.
- Special wrist noise reduction structure, lower running noise;
- New appearance with new spray painting process, excellent sensory effect.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	14.4 N·m
Payload	6kg			J6	5 N·m
Repeat Positioning	±0.08mm		Inertia Moment	J4	1.2 kg·m ²
Max Armspan	2014mm			J5	0.8 kg·m ²
Protection Degree	IP30			J6	0.1 kg·m ²
Robot Body Weight	230kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±175°		HUM	20%~80% RH No condensation
	J2	+159° , -95°		NVH	<4.9m/s ² (0.5G)
	J3	+95° , -125°		Others	Avoid flammable, corrosive gases and liquids;
	J4	±183°			Avoid contact with water, oil, dust, etc.;
	J5	+129° , -126°			Do not approach electrical noise source.
	J6	±360°			
Max Speed	J1	189°/s	Power Capacity	3.4kVA	
	J2	189°/s	Cabinet Size	600*480*920mm	
	J3	189°/s	Cabinet Weight	95kg	
	J4	360°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	320°/s	Installation	Wall、 Ceiling	
	J6	974°/s			

QJR6S-1

INDUSTRIAL ROBOT

•The overall system architecture of the robot is compact, lightweight, large workspace, fast response, high repeat positioning accuracy, applicable to assembly, sorting, handling, loading and unloading applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	11 N·m
Axis Number	6			J5	11 N·m
Payload	3/6kg			J6	5.3N·m
Repeat Positioning	±0.03mm		Inertia Moment	J4	0.5 kg·m ²
Max Armspan	750.6mm			J5	0.5 kg·m ²
Protection Degree	IP65			J6	0.2 kg·m ²
Robot Body Weight	39kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+132° , -82°		NVH	<4.9m/s ² (0.5G)
	J3	+65° , -190°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±172°			
	J5	±120°			
	J6	±360°			
Max Speed	J1	366°/s	Power Capacity	1.4kVA	
	J2	343°/s	Cabinet Size	610*270*433mm	
	J3	366°/s	Cabinet Weight	35kg	
	J4	372°/s	Source	One-phase AC220V ^{+ 10%} _{- 10%}	
	J5	475°/s	Installation	Wall、 Ceiling	
	J6	658°/s			

QJR6-1

INDUSTRIAL ROBOT



- Just a few hours of installing, teaching, debugging, the robot can be quickly put into daily production.
- The design is highly compact, flexible installation with ground or inverse position.
- Large workspace, fast running speed, high repeat positioning accuracy, suitable for welding, spraying, loading and unloading sorting, assembly and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	6kg			J6	26.4 N·m
Repeat Positioning	±0.03mm		Inertia Moment	J4	1.1 kg·m ²
Max Armspan	1441mm			J5	1 kg·m ²
Protection Degree	IP30			J6	0.7 kg·m ²
Robot Body Weight	170kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±168°		HUM	20%~80% RH <small>No condensation</small>
	J2	+150° , -86°		NVH	<4.9m/s ² (0.5G)
	J3	+87° , -110°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±170°			
	J5	±125°			
	J6	±360°			
Max Speed	J1	200°/s	Power Capacity	2.9kVA	
	J2	177°/s	Cabinet Size	600*480*920mm	
	J3	200°/s	Cabinet Weight	95kg	
	J4	429°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	429°/s	Installation	Wall、 Ceiling	
	J6	601°/s			

QJR6-1500

INDUSTRIAL ROBOT



- Just a few hours of installing, teaching, debugging, the robot can be quickly put into daily production.
- The design is highly compact, flexible installation with ground or inverse position.
- Large workspace, fast running speed, high repeat positioning accuracy, suitable for welding, spraying, loading and unloading sorting, assembly and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot			
Axis Number	6		Allowable Torque	J4 28 N·m
Payload	6kg			J5 28 N·m
Repeat Positioning	±0.05mm			J6 26.4 N·m
Max Armspan	1538mm		Inertia Moment	J4 1.1 kg·m ²
Protection Degree	IP30			J5 1 kg·m ²
Robot Body Weight	170kg			J6 0.7 kg·m ²
Motion Range	J1	±168°	Installation Environment	TEMP 0~45 °C
	J2	+159° , -93°		HUM 20%~80% RH No condensation
	J3	+95° , -125°		NVH <4.9m/s ² (0.5G)
	J4	±185°		Others Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J5	±115°		
	J6	±360°		
Max Speed	J1	234°/s	Power Capacity	2.9kVA
	J2	234°/s	Cabinet Size	600*480*920mm
	J3	240°/s	Cabinet Weight	95kg
	J4	372°/s	Source	One-phase AC220V ^{+10%} _{-10%}
	J5	630°/s	Installation	Wall、Ceiling
	J6	687°/s		

QJR6-3

INDUSTRIAL ROBOT

- The mechanical structure is simple and compact. You can select ground or inverse installation.
- The robot reach is nearly 2 meters. Large working space, suitable for large products in the welding operation.
- Fast running speed, high repeat positioning accuracy, suitable for welding, loading and unloading, handling, assembly and other applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	6kg			J6	26.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	1.1 kg·m ²
Max Armspan	2001mm			J5	1 kg·m ²
Protection Degree	IP30			J6	0.7 kg·m ²
Robot Body Weight	225kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+166° , -100°		NVH	<4.9m/s ² (0.5G)
	J3	+83° , -92°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±170°			
	J5	±125°			
	J6	±360°			
Max Speed	J1	171°/s	Power Capacity	3.2kVA	
	J2	171°/s	Cabinet Size	600*480*920mm	
	J3	189°/s	Cabinet Weight	95kg	
	J4	429°/s	Source	One-phase AC220V ^{+ 10%} _{- 10%}	
	J5	446°/s	Installation	Wall、 Ceiling	
	J6	572°/s			

QJR6-2100

INDUSTRIAL ROBOT



- The mechanical structure is simple and compact. You can select ground or inverse installation.
- The robot reach is nearly 2.1 meters. Large working space, suitable for large products in the welding operation.
- Fast running speed, high repeat positioning accuracy, suitable for welding, loading and unloading, handling, assembly and other applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	6kg			J6	26.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	1.1 kg·m ²
Max Armspan	2121mm			J5	1 kg·m ²
Protection Degree	IP30			J6	0.7 kg·m ²
Robot Body Weight	245kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±175°		HUM	20%~80% RH No condensation
	J2	+159° , -95°		NVH	<4.9m/s ² (0.5G)
	J3	+95° , -125°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.;
	J4	±185°			Do not approach electrical noise source.
	J5	±115°			
	J6	±360°			
Max Speed	J1	189°/s	Power Capacity	3.6kVA	
	J2	189°/s	Cabinet Size	600*480*920mm	
	J3	189°/s	Cabinet Weight	95kg	
	J4	372°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	573°/s	Installation	Wall、 Ceiling	
	J6	687°/s			

QJR10-1

INDUSTRIAL ROBOT



- Payload 10kg, reach distance of 1.67 meters, the design is highly compact, flexible installation with ground or inverse position.
- Large workspace, high running speed, high repeat positioning accuracy, suitable for welding, spraying, loading and unloading, handling, sorting, assembly and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	10kg			J6	26.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	1.1 kg·m ²
Max Armspan	1671mm			J5	1 kg·m ²
Protection Degree	IP65			J6	0.7 kg·m ²
Robot Body Weight	220kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+166° , -100°		NVH	<4.9m/s ² (0.5G)
	J3	+83° , -92°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.;; Do not approach electrical noise source.
	J4	±170°			
	J5	±125°			
	J6	±360°			
Max Speed	J1	171°/s	Power Capacity	3.2kVA	
	J2	171°/s	Cabinet Size	600*480*920mm	
	J3	183°/s	Cabinet Weight	95kg	
	J4	429°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	429°/s	Installation	Wall、Ceiling	
	J6	584°/s			

QJR10-1900

INDUSTRIAL ROBOT



- The mechanical structure is simple and compact. You can select ground or inverse installation.
- The robot reach is nearly 2 meters. Large working space, suitable for large products in the welding operation.
- Fast running speed, high repeat positioning accuracy, suitable for welding, loading and unloading, handling, assembly and other applications

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	10kg			J6	26.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	1.1 kg·m ²
Max Armspan	1943mm			J5	1 kg·m ²
Protection Degree	IP30			J6	0.7 kg·m ²
Robot Body Weight	245kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±175°		HUM	20%~80% RH No condensation
	J2	+159° , -95°		NVH	<4.9m/s ² (0.5G)
	J3	+95° , -125°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±185°			
	J5	±115°			
	J6	±360°			
Max Speed	J1	189°/s	Power Capacity	3.6kVA	
	J2	189°/s	Cabinet Size	600*480*920mm	
	J3	189°/s	Cabinet Weight	95kg	
	J4	372°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	573°/s	Installation	Wall、 Ceiling	
	J6	687°/s			

QJR10-2000

INDUSTRIAL ROBOT



- New exterior design.
- Overall high rigidity structure design, improve accuracy retention;
- Fully closed structure, IP65 protection degree;
- With high-temperature resistance and abrasion resistance pipeline protection.
- Use corrosion resistant screws and exposed accessories.
- The whole machine is resistant to high temperature coating, and it should be used in humid and high temperature environment

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	10kg			J6	26.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	1.1 kg·m ²
Max Armspan	2001mm			J5	1 kg·m ²
Protection Degree	IP65			J6	0.7 kg·m ²
Robot Body Weight	275kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+147° , -115°		NVH	<4.9m/s ² (0.5G)
	J3	+83° , -98°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±167°			
	J5	±115°			
	J6	±360°			
Max Speed	J1	154°/s	Power Capacity	3.7kVA	
	J2	154°/s	Cabinet Size	600*480*920mm	
	J3	171°/s	Cabinet Weight	95kg	
	J4	401°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	515°/s	Installation	Wall、 Ceiling	
	J6	658°/s			

QJR12-1700

INDUSTRIAL ROBOT



- New exterior design.
- Overall high rigidity structure design, improve accuracy retention;
- Fully closed structure, IP65 protection degree;
- With high-temperature resistance and abrasion resistance pipeline protection.
- Use corrosion resistant screws and exposed accessories.
- The whole machine is resistant to high temperature coating, and it should be used in humid and high temperature environment

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	28 N·m
Axis Number	6			J5	28 N·m
Payload	12kg			J6	26.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	1.2 kg·m ²
Max Armspan	1792mm			J5	1.4 kg·m ²
Protection Degree	IP30			J6	0.7 kg·m ²
Robot Body Weight	240kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±175°		HUM	20%~80% RH No condensation
	J2	+159° , -95°		NVH	<4.9m/s ² (0.5G)
	J3	+95° , -125°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc. ; Do not approach electrical noise source.
	J4	±185°			
	J5	±115°	Power Capacity	3.6kVA	
	J6	±360°	Cabinet Size	600*480*920mm	
Max Speed	J1	189°/s	Cabinet Weight	95kg	
	J2	189°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J3	189°/s	Installation	Wall、Ceiling	
	J4	372°/s			
	J5	573°/s			
	J6	687°/s			

QJR20-1600

INDUSTRIAL ROBOT



- Through the optimization of the structure of the vertical multi-joint robot, it has a simple and compact mechanical structure.
- High running speed, high repeat positioning accuracy, suitable for palletizing, handling, loading and unloading, laser cutting, spraying, polishing, and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	45 N·m
Axis Number	6			J5	45 N·m
Payload	20kg			J6	40 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	3.5 kg·m ²
Max Armspan	1668mm			J5	3.5 kg·m ²
Protection Degree	IP65、ExdpxIIBT4Gb			J6	2.5 kg·m ²
Robot Body Weight	270kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+147° , -115°		NVH	<4.9m/s ² (0.5G)
	J3	+83° , -98°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±167°			
	J5	±115°			
	J6	±360°			
Max Speed	J1	154°/s	Power Capacity	3.7kVA	
	J2	154°/s	Cabinet Size	600*480*920mm	
	J3	171°/s	Cabinet Weight	95kg	
	J4	355°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	355°/s	Installation	Wall、Ceiling	
	J6	355°/s			

QJR20-2000

INDUSTRIAL ROBOT

- Through the optimization of the structure of the vertical multi-joint robot, it has a simple and compact mechanical structure.
- High running speed, high repeat positioning accuracy, suitable for palletizing, handling, loading and unloading, laser cutting, spraying, polishing, and other wide range of applications.



Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	83.3 N·m
Axis Number	6			J5	34 N·m
Payload	20kg			J6	28 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	4.1 kg·m ²
Max Armspan	2001.7mm			J5	3.8 kg·m ²
Protection Degree	IP65、ExdpxIIBT4Gb			J6	1.1 kg·m ²
Robot Body Weight	270kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+150° , -110°		NVH	<4.9m/s ² (0.5G)
	J3	+85° , -150°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±185°			
	J5	±115°			
	J6	±360°			
Max Speed	J1	177°/s	Power Capacity	3.7kVA	
	J2	177°/s	Cabinet Size	600*480*920mm	
	J3	189°/s	Cabinet Weight	95kg	
	J4	429°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	412°/s	Installation	Wall、 Ceiling	
	J6	515°/s			

QJR30-1600

INDUSTRIAL ROBOT



- Through the optimization of the structure of the vertical multi-joint robot, it has a simple and compact mechanical structure.
- High running speed, high repeat positioning accuracy, suitable for palletizing, handling, loading and unloading, laser cutting, spraying, polishing, and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	83.3 N·m
Axis Number	6			J5	43.3 N·m
Payload	30kg			J6	37.4 N·m
Repeat Positioning	±0.05mm		Inertia Moment	J4	6.4 kg·m ²
Max Armspan	1668mm			J5	7.2 kg·m ²
Protection Degree	IP65、ExdpXIIBT4Gb			J6	2.3 kg·m ²
Robot Body Weight	270kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±172°		HUM	20%~80% RH No condensation
	J2	+147° , -115°		NVH	<4.9m/s ² (0.5G)
	J3	+83° , -98°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc. ; Do not approach electrical noise source.
	J4	±185°			
	J5	±126°	Power Capacity	3.7kVA	
	J6	±360°	Cabinet Size	600*480*920mm	
Max Speed	J1	172°/s	Cabinet Weight	95kg	
	J2	177°/s	Source	One-phase	AC220V ^{+10%} _{-10%}
	J3	189°/s	Installation	Wall、Ceiling	
	J4	429°/s			
	J5	412°/s			
	J6	429°/s			

QJR50-1

INDUSTRIAL ROBOT



- Payload 50kg, reach distance of 2 meters, the design is highly compact
- Large workspace, high running speed, high repeat positioning accuracy, suitable for welding, deburring, loading and unloading handling, sorting, assembly and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	245 N·m
Axis Number	6			J5	245 N·m
Payload	50kg			J6	147 N·m
Repeat Positioning	±0.07mm		Inertia Moment	J4	12.5 kg·m ²
Max Armspan	2012.4mm			J5	12.5 kg·m ²
Protection Degree	IP30			J6	4.5 kg·m ²
Robot Body Weight	580kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±180°		HUM	20%~80% RH No condensation
	J2	+135° , -90°		NVH	<4.9m/s ² (0.5G)
	J3	+82° , -205°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±360°			
	J5	±120°			
	J6	±360°			
Max Speed	J1	154°/s	Power Capacity	14.5kVA	
	J2	120°/s	Cabinet Size	600*480*920mm	
	J3	154°/s	Cabinet Weight	110kg	
	J4	249°/s	Source	Three-phase four-wire AC380V ^{+10%} _{-10%}	
	J5	249°/s	Installation	Wall、 Ceiling	
	J6	349°/s			

QJR70-2000

INDUSTRIAL ROBOT



- Compared with the conventional 50kg load robot, when the joint speed is the same, the payload is increased from 50kg to 70kg.
- The overall high stiffness structure design reduces the deformation under pressure.
- Large range J3 axis design can realize overturning action.
- The electrical connection parts shall be closed, and the overall electrical appliance shall have IP65 protection grade.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	480 N·m
Axis Number	6			J5	430.4 N·m
Payload	70kg			J6	190.4 N·m
Repeat Positioning	±0.07mm		Inertia Moment	J4	59.78 kg·m ²
Max Armspan	2012mm			J5	60.26 kg·m ²
Protection Degree	IP65			J6	19.04 kg·m ²
Robot Body Weight	630kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±180°		HUM	20%~80% RH No condensation
	J2	+140° , -91°		NVH	<4.9m/s ² (0.5G)
	J3	+82° , -208°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±360°			
	J5	±120°	Power Capacity	21kVA	
	J6	±360°	Cabinet Size	650*750*1150mm	
Max Speed	J1	154°/s	Cabinet Weight	140kg	
	J2	131°/s	Source	Three-phase four-wire AC380V ^{+ 10%} _{- 10%}	
	J3	160°/s	Installation	Wall、 Ceiling	
	J4	286°/s			
	J5	257°/s			
	J6	395°/s			

QJR210-1

INDUSTRIAL ROBOT



- Payload 210kg, reach distance of 2.68 meters, the design is highly compact.
- Large workspace, high running speed, high repeat positioning accuracy, suitable for welding, palletizing, loading and unloading, handling, polishing, assembly and other wide range of applications.

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	1200 N·m
Axis Number	6			J5	1200 N·m
Payload	210kg			J6	650 N·m
Repeat Positioning	±0.2mm		Inertia Moment	J4	84 kg·m ²
Max Armspan	2683.4mm			J5	84 kg·m ²
Protection Degree	IP65			J6	55 kg·m ²
Robot Body Weight	1200kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±167°		HUM	20%~80% RH No condensation
	J2	+86° , -51°		NVH	<4.9m/s ² (0.5G)
	J3	+82° , -168°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc. ; Do not approach electrical noise source.
	J4	±360°			
	J5	±121°	Power Capacity	25.9kVA	
	J6	±360°	Cabinet Size	600*480*920mm	
Max Speed	J1	80.2°/s	Cabinet Weight	110kg	
	J2	68.8°/s	Source	Three-phase five-wire AC380V ^{+10%} _{-10%}	
	J3	80.2°/s	Installation	Wall	
	J4	183°/s			
	J5	171.9°/s			
	J6	257.8°/s			

QJRB15-1

INDUSTRIAL ROBOT



- High-speed and stable, all axis operating at low power output, simple equipment composition can be used with special palletizing software.
- Widely used in intelligent manufacturing industry such as furniture, food and beverage and 3C, applicable to high-speed and high-precision palletizing, picking, packaging, handling, feeding and unloading

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Inertia Moment	J4	0.6 kg·m ²
Axis Number	4		Installation Environment	TEMP	0~45 °C
Payload	15kg			HUM	20%~80% RH No condensation
Repeat Positioning	±0.05mm			NVH	<4.9m/s ² (0.5G)
Max Armspan	1510mm			Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
Protection Degree	IP30				
Robot Body Weight	160kg				
Motion Range	J1	±174°	Power Capacity	2.5kVA	
	J2	+97° , -50°	Cabinet Size	600*480*920mm	
	J3	+105° , -25°	Cabinet Weight	95kg	
	J4	±360°	Source	One-phase AC220V ^{+10%} _{-10%}	
Max Speed	J1	234°/s	Installation	Wall	
	J2	234°/s			
	J3	263°/s			
	J4	630°/s			

QJRB30-1

INDUSTRIAL ROBOT



- High-speed and stable, all axis operating at low power output, simple equipment composition can be used with special palletizing software.
- Widely used in intelligent manufacturing industry such as furniture, food and beverage and 3C, applicable to high-speed and high-precision palletizing, picking, packaging, handling, feeding and unloading

Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Inertia Moment	J4	2.6 kg·m ²
Axis Number	4		Installation Environment	TEMP	0~45 °C
Payload	30kg			HUM	20%~80% RH No condensation
Repeat Positioning	±0.05mm			NVH	<4.9m/s ² (0.5G)
Max Armspan	1825mm			Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
Protection Degree	IP30				
Robot Body Weight	205kg		Power Capacity	3.2kVA	
Motion Range	J1	±175°	Cabinet Size	600*480*920mm	
	J2	+97° , -50°	Cabinet Weight	95kg	
	J3	+105° , -25°	Source	One-phase AC220V ^{+10%} _{-10%}	
	J4	±360°	Installation	Wall	
Max Speed	J1	171°/s			
	J2	189°/s			
	J3	211°/s			
	J4	355°/s			

QJR100-2500M

INDUSTRIAL ROBOT



- New exterior design.
- Overall high rigidity structure design, improve accuracy retention;
- Fully closed structure, IP65 protection degree;
- Balance and weight optimization

Technical Specifications Of Robot

Mechanism	4-axis palletizing		Inertia Moment	J4	7.87 kg·m ²
Axis Number	4		Installation Environment	TEMP	0~45 °C
Payload	100kg			HUM	20%~80% RH No condensation
Repeat Positioning	±0.1mm			NVH	<4.9m/s ² (0.5G)
Max Armspan	2512mm			Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
Protection Degree	IP65				
Robot Body Weight	715kg		Power Capacity	7.65kVA	
Motion Range	J1	±185°	Cabinet Size	600*480*920mm	
	J2	+97° , -49°	Cabinet Weight	120kg	
	J3	+122° , -22°	Source	Three-phase Five-wire AC380V ^{+10%} _{-10%}	
	J4	±360°	Installation	Wall	
Max Speed	J1	134°/s			
	J2	148°/s			
	J3	160°/s			
	J4	349°/s			

QJR130-3100M

INDUSTRIAL ROBOT

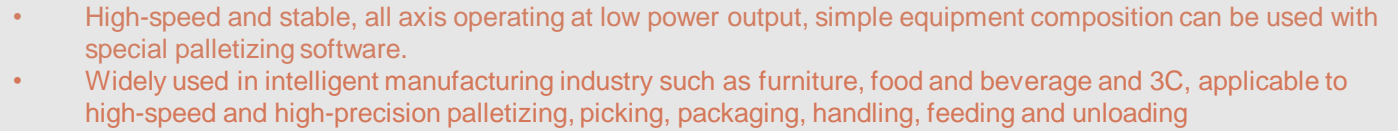
- High-speed and stable, all axis operating at low power output, simple equipment composition can be used with special palletizing software.
- Widely used in intelligent manufacturing industry such as furniture, food and beverage and 3C, applicable to high-speed and high-precision palletizing, picking, packaging, handling, feeding and unloading



Technical Specifications Of Robot

Mechanism	4-axis palletizing		Inertia Moment	J4	21.8 kg·m ²
Axis Number	4		Installation Environment	TEMP	0~45 °C
Payload	130kg			HUM	20%~80% RH No condensation
Repeat Positioning	±0.5mm			NVH	<4.9m/s ² (0.5G)
Max Armspan	3157mm			Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
Protection Degree	IP30				
Robot Body Weight	1400kg		Power Capacity	17.4kVA	
Motion Range	J1	±182°	Cabinet Size	600*480*920mm	
	J2	+97° , -50°	Cabinet Weight	110kg	
	J3	+122° , -22°	Source	Three-phase Five-wire AC380V ^{+10%} _{-10%}	
	J4	±360°	Installation	Wall	
Max Speed	J1	128°/s			
	J2	131°/s			
	J3	131°/s			
	J4	297°/s			

INDUSTRIAL ROBOT



QJR260-3100M

INDUSTRIAL ROBOT



- High-speed and stable, all axis operating at low power output, simple equipment composition can be used with special palletizing software.
- Widely used in intelligent manufacturing industry such as furniture, food and beverage and 3C, applicable to high-speed and high-precision palletizing, picking, packaging, handling, feeding and unloading

Technical Specifications Of Robot

Mechanism	4-axis palletizing		Inertia Moment	J4	43.6 kg·m ²
Axis Number	4		Installation Environment	TEMP	0~45 °C
Payload	260kg/300kg			HUM	20%~80% RH No condensation
Repeat Positioning	±0.5mm			NVH	<4.9m/s ² (0.5G)
Max Armspan	3157mm			Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
Protection Degree	IP30				
Robot Body Weight	1400kg		Power Capacity	19.2kVA	
Motion Range	J1	±182°	Cabinet Size	600*480*920mm	
	J2	+97° , -50°	Cabinet Weight	110kg	
	J3	+122° , -22°	Source	Three-phase Five-wire AC380V ^{+10%} _{-10%}	
	J4	±360°	Installation	Wall	
Max Speed	J1	97°/s			
	J2	97°/s			
	J3	97°/s			
	J4	297°/s			

QJR800-1

INDUSTRIAL ROBOT

- Special purpose high-load palletising machine, high-speed and stable, all axis operating at low power output, simple equipment composition can be used with special palletising software.

Technical Specifications Of Robot

Mechanism	4-axis palletizing	Inertia Moment	J4	286kg·m ²
Axis Number	4	Installation Environment	TEMP	0~45 °C
Payload	800kg		HUM	20%~80% RH No condensation
Repeat Positioning	±0.5mm		NVH	<4.9m/s ² (0.5G)
Max Armspan	3155mm		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
Protection Degree	IP30			
Robot Body Weight	2550kg			
Motion Range	J1			
	J2			
	J3			
	J4			
Max Speed	J1			
	J2			
	J3			
	J4			
		Power Capacity		39.6kVA
		Cabinet Size		600*480*920mm
		Cabinet Weight		110kg
		Source		Three-phase Five-wire AC380V ^{+10%} _{-10%}
		Installation		Wall



QJR6-2700P

INDUSTRIAL ROBOT

- L-shaped wrist, no singularity structure, flexible spraying angle;
- Fully closed structure, IP65 protection degree, with explosion-proof system, to achieve high safety



Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	46 N·m
Axis Number	6			J5	45 N·m
Payload	6kg			J6	27 N·m
Repeat Positioning	±0.5mm		Inertia Moment	J4	3.9 kg·m ²
Max Armspan	2701mm			J5	3.9 kg·m ²
Protection Degree	IP65、ExdpXIIBT4Gb			J6	1.3 kg·m ²
Robot Body Weight	400kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±95°		HUM	20%~80% RH No condensation
	J2	+102° , -53°		NVH	<4.9m/s ² (0.5G)
	J3	+80° , -80°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.; Do not approach electrical noise source.
	J4	±260°			
	J5	±270°			
	J6	±260°			
Max Speed	J1	108°/s	Power Capacity	4.4kVA	
	J2	103°/s	Cabinet Size	600*480*1270mm	
	J3	115°/s	Cabinet Weight	120kg	
	J4	360°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	360°/s	Installation	Wall	
	J6	360°/s			

QJRP10-1

INDUSTRIAL ROBOT

- No front singularity wrist construction, optional built-in pipeline, making synchronous tracking spraying teaching job easier;
- Using bus-structure, convenient for expansion and high speed.



Technical Specifications Of Robot

Mechanism	Vertical multi-joint robot		Allowable Torque	J4	46 N·m
Axis Number	6			J5	45 N·m
Payload	10kg			J6	27 N·m
Repeat Positioning	±0.5mm		Inertia Moment	J4	3.9 kg·m ²
Max Armspan	2035mm			J5	3.9 kg·m ²
Protection Degree	IP65、ExdpXIIBT4Gb			J6	1.3 kg·m ²
Robot Body Weight	370kg		Installation Environment	TEMP	0~45 °C
Motion Range	J1	±95°		HUM	20%~80% RH No condensation
	J2	+102° , -53°		NVH	<4.9m/s ² (0.5G)
	J3	+87° , -80°		Others	Avoid flammable, corrosive gases and liquids; Avoid contact with water, oil, dust, etc.;
	J4	±260°			Do not approach electrical noise source.
	J5	±270°			
	J6	±260°			
Max Speed	J1	108°/s	Power Capacity	4.4kVA	
	J2	120°/s	Cabinet Size	600*480*1270mm	
	J3	114°/s	Cabinet Weight	120kg	
	J4	360°/s	Source	One-phase AC220V ^{+10%} _{-10%}	
	J5	360°/s	Installation	Wall	
	J6	360°/s			