



## Laser Welding Arm Robot Fully Automatic 1500MM Maximum Boom Extension

### Our Product Introduction

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#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Jin Hongxiang
- Certification: CE
- Model Number: 1510
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Export safety wooden case
- Delivery Time: 5-10 days or negotiation
- Supply Ability: 50 Set/Sets per Month



#### Product Specification

- Condition: New
- Applicable Industries: Building Pipes, Process Products, Automobile Sheet Metal,
- Warranty Of Core Components: 1 Year
- Core Components: PLC, Precision Servo, Robot Body, Welding Power Supply, Control Cabinet
- Product Name: Industrial 6 Axis Arm Welding Robot
- Warranty: 1 Year
- Key Selling Points: Flexible, Stable, Durable And High Precision
- Weight (KG): 170
- Voltage: 380V
- Current: 50-60HZ
- Dimensions: 550\*785\*410mm
- Usage: Welding
- Advantage: High Speed Stability

## Product Description

### Laser welding robot welding robot



The welding products are aluminum, stainless steel and electronic metal components, which are thin or small and require higher welding requirements. Generally, laser welding robots can be used.

#### The best configuration of this laser welding robot:

Configuration Name	Auspicious feelings	quantity
Robot body	Karnopu. CRP-RH14-10-W, 1.44m arm span, load 20KG	1 set
Control cabinet	CRP (G4 generation) drive control integrated control cabinet, six axis linkage.	1 set
Protective transformer	Anti interference isolation protection transformer built in the controller	1PS
Interconnect line	6m connecting control line	1 group
Programming the teaching pendant	6-meter line teaching pendant, touch digital display	1PS
Start control box	Standard start stop control box, 6m line	1PS
Laser welding machine	Han's Yueming 1500W laser welding machine	1 set
Welding machine accessories package	Welding machine accessories package	1 group
Laser head	Special for automatic welding (Shanghai Enhanced Laser)	1 group
water tank	Built in water tank	1 set
Robot mounting base	Welding and machining of 20mm thick carbon steel plate	1PS

#### Performance characteristics of robot body

- The arm span is 1.44 meters. The design is highly compact and can be flexibly installed on the ground or upside down.
- With large working space, fast running speed and high repeated positioning accuracy, it is suitable for wide range of welding applications.
- The safety emergency stop board independent of the control system is equipped with, and the safety relay circuit is adopted to provide double-circuit emergency stop to ensure the reliability of emergency stop.

- The robot body adopts highly flexible special cable.
- Built-in three-phase transformer makes 380V and 220V isolated to help the power supply more stable. Built-in three-phase filter can effectively improve the performance of EMC and EMI.
- The robot body is with dual-circuit gas pipe to meet the welding demand.
- The inner diameter of 6-axis middle hole is 44mm, it can meet the installation requirements of water-cooling torch and bellows torch.
- Highly flexible welding cable is built-in.

#### Welding workpiece



#### ROBOT BODY TECHNICAL PARAMETERS

Model		CRP-RH14-10-W
Arm form		Vertical multiple joints
Degree of freedom		6 axis
Maximum payload		10KG
Repeated positioning accuracy		±0.08mm
Maximum reaching distance		1454mm
Robot body weight		170KG
Installation mode		Ground,upside down mounting,wall mounting
Maximum travel	axis 1	Ground/upside down mounting-167°~167°,wall mounting -30°~30°
	axis 2	-155°~90°
	axis 3	-175°~240°
	axis 4	-190°~190°
	axis 5	-105°~130°
	axis 6	-105°~130°
Maximum axis speed	axis 1	169°/s
	axis 2	169°/s
	axis 3	169°/s
	axis 4	301°/S
	axis 5	220°/s
	axis 6	743°/S

Allowable torque	axis 4	20N.m
	axis 5	5 20N.m
	axis 6	11N.m
Allowable moment of inertia	axis 4	0.5kg.m2
	axis 5	0.5kg.m2

#### corner of the warehouse



#### "Our purpose:

Every device, we must do better!!

#### reminder:

Our products are constantly upgraded and improved.  
If the color or structure changes, the actual object shall prevail"



**Dongguan Jinghongxiang Automation Equipment Co., Ltd.**



13925780098



jhx16888@gmail.com



wire-bendingmachine.com

No. 78, Shangzhong Road, Shangdi Industrial Zone, Liaobu Town, Dongguan, Guangdong, China