

# Sheet Metal 6 Axis Robotic Welding Arm Machine Fast Speed Fully Automatic

Guangdong, China

Jin Hongxiang

CE

1510

New

170 380V

50-60HZ

Welding

550\*785\*410mm

High Speed Stability

Negotiable

Export safety wooden case

50 Set/Sets per Month

## **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 1 set
- Price:
- Packaging Details:
- Delivery Time: 5-10 days or negotiation
- Supply Ability:



## **Product Specification**

- Condition:
- Applicable Industries:
- Warranty Of Core Components:
- Core Components:
- Product Name:
- Warranty:
- Key Selling Points:
- Weight (KG):
- Voltage:
- Current:
- Dimensions:
- Usage:
- Advantage:
- Automobile Sheet Metal, 1 Year PLC, Precision Servo, Robot Body, Welding Power Supply, Control Cabinet Industrial 6 Axis Arm Welding Robot 1 Year Flexible, Stable, Durable And High Precision

Building Pipes, Process Products,



## Sheet metal welding robot

### Technical features:

The robot moves fast: effectively improves the beat and makes the transition to nature Thin plate process in arc welding software package: small segment acceleration and flying arc starting can effectively improve the beat, welding wire withdrawal function can effectively improve the success rate of arc starting, and fish scale welding can weld thinner plates The robot and welding machine are fast and stable through full digital communication DC, sheet, ultra-low splash

#### CO2 and mixed gas can be used for ultra-low splash welding

Thin plate process with low heat control: the arc is stable at very low voltage Smooth short circuit transition: softer arc, more tension, more beautiful shaping Very high clearance tolerance: high clearance tolerance for error of workpiece assembly Feedback control of wire feeder encoder: it can be quickly adjusted in case of arc fluctuation Optional fish scale welding function: when interrupted, there is dimension arc to reduce spatter and increase speed

Self provided location finding function: no additional location finding hardware is required



## Scope of application:

0.8-6mm carbon steel (Fillet weld/lap 0.7-0.8mm and above) (Butt joint/Type T 1.0mm and above) 1.0-6mm stainless steel (Fillet weld/lap 1.2mm and above) (Butt joint/T type 1.5mm and above) 1.0-6mm galvanized parts (Fillet weld/lap 1.0mm and above) (Butt joint/T type 1.2mm and above)

#### Application field:

Such as auto parts, teaching aids, electric box, furniture, medical equipment, guardrail, sheet metal, bicycle and other industrial parts

#### 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	1	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°
	axis 1	169°/s
	axis 2	169°/s

	axis 3	169°/s
speed	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	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"

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