



Industrial 6 Axis Aluminum Welding Robot Machine 380V High Speed

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

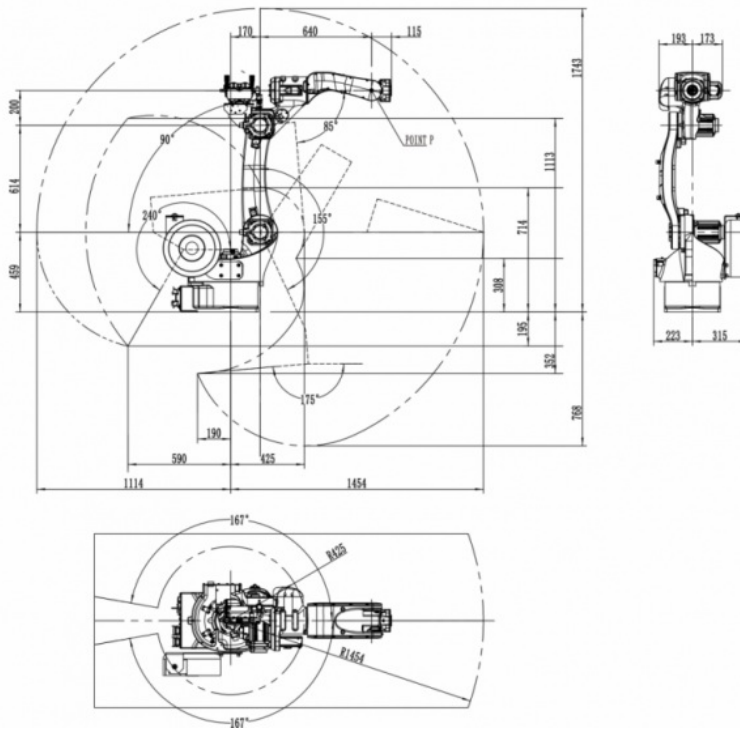
Aluminum welding robot Robot welding aluminum

Aluminum welding robot

Technical features:

The robot moves steadily, the end speed is consistent with the set welding speed, and the welding is stable and well formed;
 The robot and the welding machine realize full digital communication control, which can produce the best welding efficiency and welding effect;
 The welding parameters can be set on the robot, or different welding process conditions, such as duty cycle, frequency and other parameters, can be achieved by calling different JOB numbers through the robot for the same workpiece with different plate thicknesses.
 500A water-cooled hollow supports long time double pulse welding;
 Single/double pulse digital welding machine
 Constant penetration and stable current output when dry elongation changes;
 Smooth short circuit transition, uniform weld bead and beautiful molding;
 Short arc technology, faster welding speed;
 High frequency pulse energy control, deeper melting depth, more beautiful fish scales; Low heat input;
 Wire feeding with encoder feedback is more stable and anti-interference;
 Upgradeable expert database;
 The interface of the push-pull welding gun controls the push-pull welding gun, making the wire feeding more stable and the arc fluctuation less;

MOTION RANGE DIAGRAM



Scope of application:

2.5mm-14.0mm aluminum or aluminum alloy welding

Application field:

Aluminum alloy bicycle, aluminum membrane plate, aluminum fan, automobile parts, aluminum parts, aluminum alloy scaffolding and other industrial parts

Welding workpiece

1.5m arm extension
6-axis welding robot

Panasonic welding machine
YD350FR

Control
cabinet

value pack





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
	axis 1	Ground/upside down mounting-167°~167°, wall mounting -30°~30°

Maximum travel	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

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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