

Safe and Efficient Automatic Welding Machine with Special Cables

Specifications :

Detail Introduction :

Functional characteristics of welding machine.

Features of automatic robot welding machine?

Advantage of the robot welding machine

Welding machine are automated machinery and equipment used for welding operations. In welding applications, it can improve welding efficiency and stabilize welding quality while increasing welding speed.

Functional characteristics of welding machine.

1. 6-axis design for more flexible operation and greatly improved welding quality.
2. the robot arm and the bottom can be built-in cables to achieve high-density configuration, easily avoiding interference between the workpiece and the fixture.
3. additional reducer life diagnosis, hardware protection and other new features.
4. High-flexibility robot cables and built-in high-flexibility welding cables are adopted for this machine. The safety option function is further enhanced to realize the welding position monitoring of the functional safety module.

Features of automatic robot welding machine?

- 1)Excellent welding performance, which can realize ultra-low spatter welding of carbon steel and stainless steel;
 - 2)Reduce the heat input, control the welding sheet and reduce the deformation,
 - 3)Fully digital system realizes the accurate control of droplet transfer and ensure welding quality continually and stably.
 - 4)Soft switch contravariant technology which can improve the reliability of the whole machine and save energy and power.
 - 5)Full digital high precision wire feeding control system.
 - 6)Rich robot additional functions with initial detection function, the digital interface is equipped with arc tracking function, Open type communication mode.
- Automatic robot welding machine is to achieve automatic welding on cable tray production. It will highly improve the welding efficiency, stabilize the welding quality while improving the welding speed.



Advantage of the robot welding machine

- 1).6 axial design, more flexible operation, highly improved the welding quality;
- 2).Cables can be built into the manipulator and the bottom to achieve high-density configuration and easily avoid interference between workpiece and fixture.
- 3).Increase some new functions such as reducer life diagnosis and hardware protection.
- 4).Adopts the special cable for high flexible robot, with built-in high flexible welding cable;
- 5).Safety function further strengthen to realized the welding position safety monitoring.

Main configuration

No.	Configuration	Parameter
1	Huan Yan Robot YH199	2 sets
2	Magmite 350 welding machine	2 sets
3	2m semi-automatic pneumatic bridge workpiece	6 sets

4	Welding range	Length 2000mm, 3000mm, 6000mm Width 200mm--800mm
5	Welding material	carbon steel, stainless steel

Core Components:

Code	Item	Brand	Qty
1	Robot	honyen	2 set
2	Welding machine	Megmeet	2 set
3	L=2M semi-automatic digital and pneumatic welding fixture	Kiande	6 set

Application:

Code	Item	Parameter
1	Welding length	2000mm,3000mm,6000mm
2	Welding width	200mm--800mm
3	Welding material	Carbon steel, stainless steel

