

Highly Automated Welding Robots

Specifications :

Configuration	Parameter
Huan Yan Robot YH199	2 sets
Magmite 350 welding machine	1 sets
Semi-automatic pneumatic bracket welding tooling	1 sets
Welding range	200mm--800mm
Welding material	carbon steel, stainless steel

Detail Introduction :

Highly Automatic robot welding machine

Advantage of Robot Welding Machine

Highly Automatic robot welding machine

Automatic robot welding machine is highly automatic welding equipment. Robot instead of manual is the development trend of the welding manufacturing industry. It is an important means to improve welding quality, reduce cost and improve the working environment.

When using robot welding, only one robot is not enough, it also required a peripheral unit. Welding robot is composed of robot and control cabinet (hardware and software). Welding equipment, such as arc welding and spot welding, is powered by welding power supply. (including its control system), wire feeder (arc welding), welding gun (clamp), etc. Intelligent robots also required sensing system, such as laser or camera sensor and its control device. Welding robots are divided into spot welding robots and arc welding robots, improve the welding efficiency and stabilize the welding quality.

Advantage of Robot Welding Machine

1) The design is highly compact, and the installation environment can be flexibly selected;

2) Large workspace, fast running speed and high repeated positioning accuracy.

3) Configure independent safety emergency stop board of the control system, ensure the reliability of emergency stop.

4) Adopt special cable for robot, built in high flexible welding cable.



Main configuration

No.	Configuration	Parameter
1	Huan Yan Robot YH199	2 sets
2	Magmite 350 welding machine	1 sets
3	Semi-automatic pneumatic bracket welding tooling	1 sets
4	Welding range	200mm--800mm
5	Welding material	carbon steel, stainless steel

Core Components:

Code	Item	Brand	Qty
1	Robot	honyen	2 set
2	Welding machine	Megmeet	1 set

3	semi-automatic digital and pneumatic welding fixture	Kiande	1 set
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Application:

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

