

# Welding Robot Automatic Welding Machinery and Equipment

## Specifications :

### Detail Introduction :

Functional characteristics of welding robots.

Advantages of welding robots.

Applications of Automatic Robot Welding Machine

Advantage of Automatic robot welding machine

Welding robot automatic welding machinery and equipment

Welding robots are automated machinery and equipment used for welding operations. In welding applications, it is able to improve welding efficiency and stabilize welding quality while increasing welding speed.

## Functional characteristics of welding robots.

1. highly compact design and flexible selection of installation environment.
2. Large working space, fast running speed and high repeat positioning accuracy for welding applications.
3. Equipped with a safety emergency stop board independent of the control system to ensure the reliability of emergency stop

The cable of this machine adopts special cable for high-flexible robot with built-in high-flexible welding cable.

## Advantages of welding robots.

1. Improving production efficiency and quantifying production cycle.
  2. Stable and reliable welding quality.
  3. Improving the labor intensity of workers and allowing them to work in harmful environments.
  4. Reducing the requirements and dependence on workers' operating skills.
- Kiande specializes in focusing on welding industrial robots, providing free customized solutions, pre-welding fixation, in-welding protection, corner welding process optimization.

## Applications of Automatic Robot Welding Machine

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. widely used in high-quality, high-precision welding of various work-pieces based on the rotating shaft, and is suitable for electric power, electrical, mechanical, automotive and other industries.

## Advantage of Automatic robot welding machine

1. Excellent welding performance;
2. Weld Robotic Machine has precise, clean arc ignition;
3. Reduce the requirement of the operation technology for the workers;
4. Improve the productivity, it can work for 24 hours with non-stop;

5. Improve the working condition, and the robot can work under hostile environment for a long time;
6. Shorten the period of the product changing, shorten the relevant investment;
7. Weld Robot Machine saves the ground space.
8. Realize the automatic welding for mass products;

Main configuration

No.	Configuration	Parameter
1	Canope robot YH144	3 sets
2	Magmite 350 welding machine	3 sets
3	2 meters semi-automatic pneumatic bridge tooling	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	CRP	3 set
2	Welding machine	Megmeet	3 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