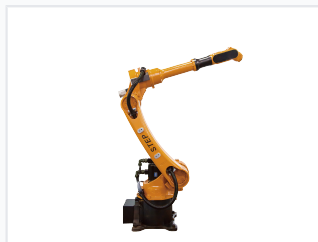


Welding Robot 1405mm Reach 6kg Payload

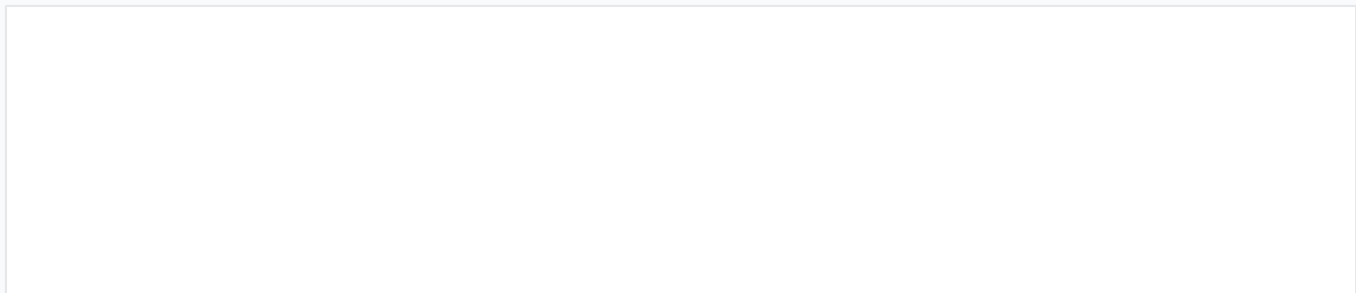
This welding robot has a 1405mm reach and a 6kg payload. It is designed for precision welding applications and offers flexibility for various tasks.



ADDITIONAL IMAGES



Overview



High-precision robotic arm designed for automated arc welding.

Industrial Welding Automation

This high-performance industrial welding robot features a 1405mm working radius and a 6kg payload capacity, specifically engineered for precision arc welding applications. It offers 6 degrees of freedom for complex maneuverability, ensuring high-quality, repeatable welds with an accuracy of $\pm 0.05\text{mm}$. The system supports seamless integration into automated production lines through multiple communication protocols and versatile installation configurations.

Technical Specifications



Articulated robot design offering extensive range of motion for complex welding joints.

Performance Metrics

1405 mm

Maximum Working Radius

6 kg

Rated Payload

0.05 mm

Repeatable Positioning Accuracy

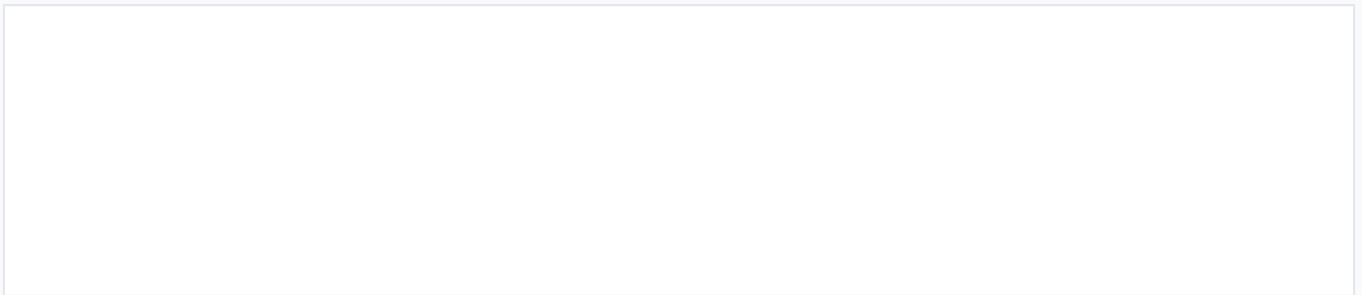
6 axis

Degrees of Freedom

Physical Characteristics

- Body weight: 143kg
- Protection level: IP40
- Installation methods: Ground, Inverted, Tilted

Connectivity & Compatibility



Advanced control system supporting diverse industrial communication protocols.

Supported Protocols

CANOPEN, EtherCAT, RS232, RS485, Devicenet, Analog

Application Support

Arc Welding Features

- Complete arc welding software series
- Thick plate assembly deviation management
- Welding deformation compensation
- Customizable function development