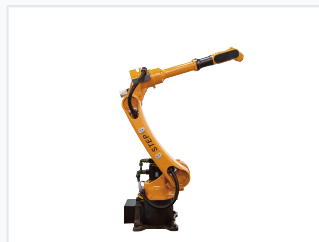


# Welding Robot 1405mm Reach 6kg Payload

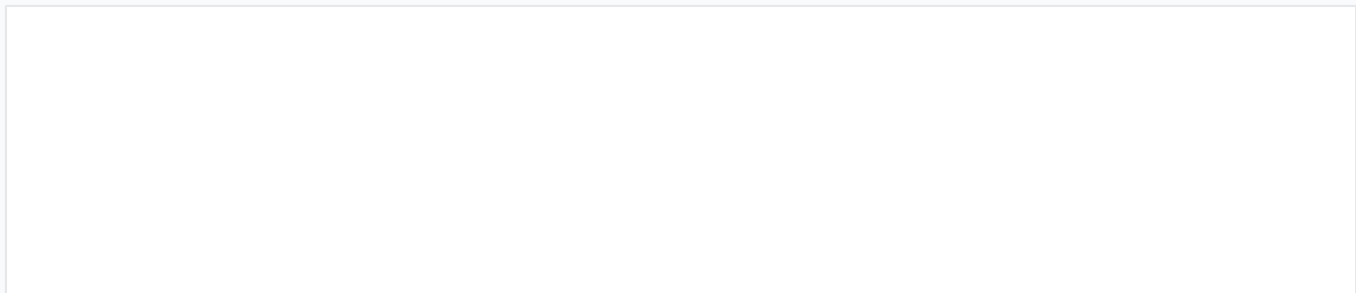
This welding robot has a 1405mm reach and a 6kg payload. It is designed for precision welding applications and offers flexibility for various tasks.



## 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

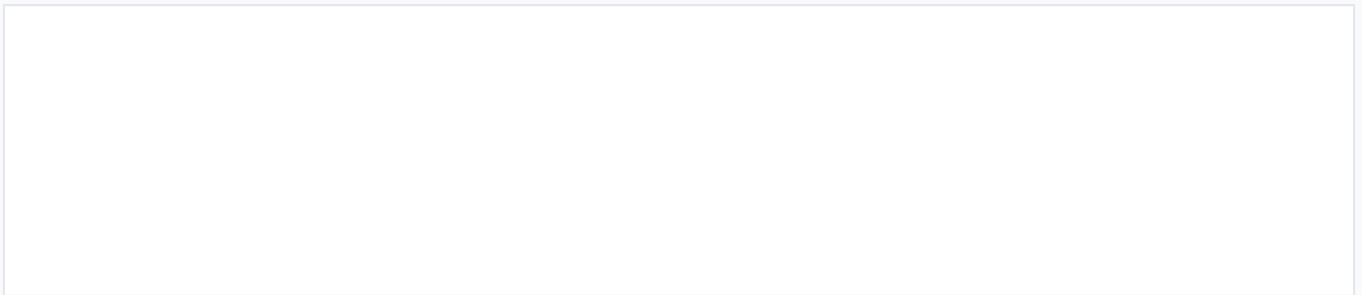
**6 axis**

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