

Arc Welding Robot Workstation

This compact arc welding robot is designed for stable welding and high-precision path access. It achieves consistent weld quality, shortens welding cycles, and offers high repeat positioning accuracy.



Overview

High-Efficiency Arc Welding Solution

This compact, dedicated arc welding robot is engineered for high-precision performance and consistent weld quality. Designed for seamless integration into automotive, motorcycle, and engineering machinery manufacturing, it optimizes welding cycles and reduces product replacement times. With its multi-axis design and stable welding power integration, it offers a reliable solution for complex metal welding applications.

Performance Metrics

Key Performance Indicators

6 kg

Max Load Capacity

1500 mm/s

Max Straight Line Speed

0.08 mm

Repeatability

Technical Specifications

Model Comparison

Feature	ZXR-140	ZXR-180
Max Working Radius	1.4m	1.8m
Freedom of Movement	6-axis	6-axis

Coordinate Control Modes

Joint, Right Angle, Tool, Workpiece

Peripheral Expansion

Up to 2 external axes can be added

Applications

Suitable Industries

Automotive • Motorcycles • Engineering Machinery • Metal Welding