

Robotic Welding Workstation for Brackets and Pipes

This automated press welding workstation is designed for manufacturing brackets and pipes. The robotic welding system integrates a press, welding equipment, and a robotic arm within a safety-enclosed work area.



ADDITIONAL IMAGES



Product Overview

Industrial Robotic Welding Workstation

This automated press welding workstation is specifically engineered for high-volume manufacturing of compressor components, including brackets and suck pipes. It integrates a robotic arm with precision welding equipment and material handling systems to ensure consistent, repeatable weld quality. The system is equipped with advanced PLC controls and comprehensive safety features such as light curtains to maintain high operational standards and operator protection.

Technical Specifications

Rated Capacity

165 KVA

Rated Capacity

35 KJ

Secondary Capacity

Electrical Requirements

- Power Supply: 380V/3P/50Hz
- Max. Primary Current: 100/150A
- Max. Short Circuit Current: 30/22.2KA

Operational Performance

24.5 KN

Max Working Pressure

Dimensions

Physical Dimensions (LxWxH)

8589 x 3550 x 2922 mm

Features

Key Capabilities

Automated Operation, PLC Integrated, Light Curtain Safety, Interlocked Guarding, Material Handling System