

Automated Welding Robot Workstation for Brackets and Pipes

This automated workstation is designed for welding brackets and pipes. It features a robotic arm for precise welding within a safety cage, enhancing both production efficiency and safety.



ADDITIONAL IMAGES



Overview

Automated Welding Solution

This automated press welding robot workstation is specifically engineered for high-precision manufacturing of brackets and suck pipes within the compressor industry. The system integrates a robotic arm with a secure conveyor and fixture setup to ensure consistent weld quality and high production efficiency. Designed for industrial environments, it features robust construction and comprehensive safety measures for automated, high-volume production.

Technical Specifications

Rated Capacity

110 KVA

Rated Capacity 1

660 KVA

Rated Capacity 2

Power Supply	380V/3/50Hz
Max Primary Current	120/280 A
Max Short Cut Current	27/85 KA
Max Working Pressure	11/27 KN

Physical Dimensions

Dimensions (LxWxH)	7069 x 3347 x 2435 mm
--------------------	-----------------------

Features

System Components

- Robotic welding arm
- Safety cage enclosure
- Automated conveyor belt
- Control panel with digital display
- Component fixtures

Key Applications

Bracket Welding, Suck Pipe Welding, Compressor Industry