

MFDC Spot Welding Machine

This MFDC (Medium Frequency Direct Current) spot welder is designed for precision welding applications in the auto parts manufacturing industry. It features a rigid frame, pneumatic welding head, and an integrated control panel for adjusting welding parameters.



ADDITIONAL IMAGES



Overview

Precision Welding for Automotive Manufacturing

This MFDC (Medium Frequency Direct Current) spot welding machine is engineered for high-precision applications, specifically tailored for the auto parts manufacturing industry. It features a robust aluminum extrusion frame for maximum stability and is equipped with pneumatic cylinders to ensure precise control over electrode force. The system integrates advanced safety features, including an enclosed welding area and an emergency stop function, providing a secure and reliable operation environment.

Technical Specifications

Rated Capacity	55 KVA
Power Supply	380V / 3 Phase / 50Hz
Max Primary Current	45 A
Max Short Circuit Current	18 KA
Max Working Pressure	10 KN
Dimensions (LxWxH)	2411 x 1300 x 2365 mm

Construction & Design

Frame Construction	Aluminum extrusion
Electrode Arm Material	High-strength steel
Design Features	Pneumatic cylinders, Integrated cooling channels, Modular design, Adjustable mounting points

Safety & Control

Safety Equipment

- Enclosed welding area
- Transparent safety doors
- Emergency stop button

Control Interface

Digital display panel for current, time, and pressure adjustment