

Automatic Submerged Arc Welder

This automatic submerged arc welder is designed for submerged arc welding processes. It features digital displays for voltage and current, adjustable knobs, and indicator lights for operation status.



ADDITIONAL IMAGES



Overview

Industrial Submerged Arc Welding Solution

This advanced inverter-based automatic submerged arc welder is designed for high-efficiency industrial applications, including shipbuilding, boiler manufacturing, and bridge construction. It supports versatile welding processes such as SAW, MMA, and gouging, with the ability to work on carbon steel, stainless steel, refractory steel, and composite steel. Built with soft-switch and advanced control technology, the system ensures precision through preset welding parameters and continuous current adjustment.

Operational Capabilities

Supported Welding Processes	SAW, MMA, Gouging
Duty Cycle	100%
Safety & Protection	Temperature Protection, Jackscrew Protection

Technical Specifications

Welding Speed

0.2 m/min
Min Speed

1.5 m/min
Max Speed

Wire Feeding Speed

0.3 m/min
Min Feed

3 m/min
Max Feed

Wire Diameter Range

2.0 - 5.0 mm

Tractor Specifications

Tractor Technical Parameters

Parameter	Voltage	Current
Moving	DC 110V	0.4 A
Wire Feeding	DC 110V	1 A

Applications

Target Industries

- Shipbuilding
- Boiler Manufacturing
- Chemical Process Vessels
- Bridge Construction
- Hoisting Machinery
- Metallurgy Manufacturing