

Dual-Head Submerged Arc Welding Machine

This dual-head submerged arc welding machine automates the welding of long workpieces. Two welding heads on a gantry system ensure precise, high-quality welds with minimal spatter.



Product Overview

High-Efficiency Dual-Head Submerged Arc Welding System

This advanced dual-head submerged arc welding machine is engineered for the automated fabrication of long structural workpieces like I-beams. By utilizing a gantry-mounted system with dual wire feeders and flux hoppers, it enables high-volume, precision welding essential for heavy-duty industrial applications. The submerged arc process ensures superior weld quality with minimal spatter, making it an ideal solution for shipbuilding, bridge construction, and large-scale manufacturing environments.

Technical Features

Key Components

- Dual welding heads
- Gantry positioning system
- Precision wire feeders
- Integrated flux hoppers

Welding Configuration

Dual-Head, Submerged Arc, Gantry System

Performance Metrics

Industry Suitability

Shipbuilding • Bridge Construction • Heavy Machinery

Process Advantages

- Automated long workpiece welding
- High-volume production efficiency
- Minimized weld spatter
- High-quality structural integrity