



Indramani Electronics

"Power that Performs, Welds that Lasts"



DUAL SEAM WELDING MACHINE



Product Overview

The Dual Seam Welding Machine is designed for simultaneous welding of two seam joints, significantly increasing productivity while maintaining consistent weld quality. Engineered with dual 100 kVA transformers, pneumatic electrode pressure, and water-cooled copper wheel electrodes, it is ideal for high-volume production requiring precision, reliability, and continuous operation.

Key Features

- ✓ Dual Simultaneous Seam Welding
- ✓ Twin 100 kVA Welding Transformers
- ✓ Cr. Zr. Copper Wheel Electrodes
- ✓ Pneumatic Electrode Pressure System
- ✓ EC Grade Copper Housing with Silver Contacts
- ✓ Water-Cooled Welding Wheels
- ✓ Knurled Drive System
- ✓ MFAC Controller with IGBT Technology
- ✓ Heavy-Duty Hot Spray Galvanized Structure
- ✓ Continuous Production Capability
- ✓ Consistent Weld Quality
- ✓ Low Maintenance Design

Technical Specifications

Parameter	Specification
Machine Type	Dual Seam Welding Machine
Welding Method	Resistance Seam Welding
Transformer Capacity	1100 KVA + 100 KVA
Electrode Actuation	Pneumatic Cylinder
Electrode Material	Cr. Zr. Copper Wheels
Electrode Force	Pneumatic Retractable Cylinder
Housing Material	EC Grade Copper Housing with Silver contacts for long life and efficient current transfer by wheel
Drive Type	With knurling Drive
Duty Cycle	50%
Cooling System	Water-Cooled
Control System	MFAC Controller with IGBT
Production Mode	Semi-Automatic
Machine Construction	Heavy-Duty Fabricated Steel with Hot Spray Galvanized Structure
Machine Dimensions (L x W x H)	3600 × 650 × 1900 mm (Approx.)

Utilities Required

Utility	Requirement
Electrical Supply	415V AC, 3 phase for MFAC Controller
Compressed Air	5 - 7 Bar
Cooling Water	DM Water with Chiller Plant

Advantages

- Higher Productivity
- Reduced Cycle Time
- Uniform Weld Quality
- Lower Operator Dependency
- Reduced Rejection Rate
- Long Service Life
- Low Maintenance Cost

Why Choose Us?

- ✓ Years of Manufacturing Experience
- ✓ Customized Welding Solutions
- ✓ In-house Design & Manufacturing
- ✓ Quality Tested Machines
- ✓ After Sales Support
- ✓ Spare Parts Availability

Customization Available

Machine design, throat depth, welding head arrangement, transformer capacity, fixture design, automation level, and control system can be customized according to customer requirements.

Contact Information

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