

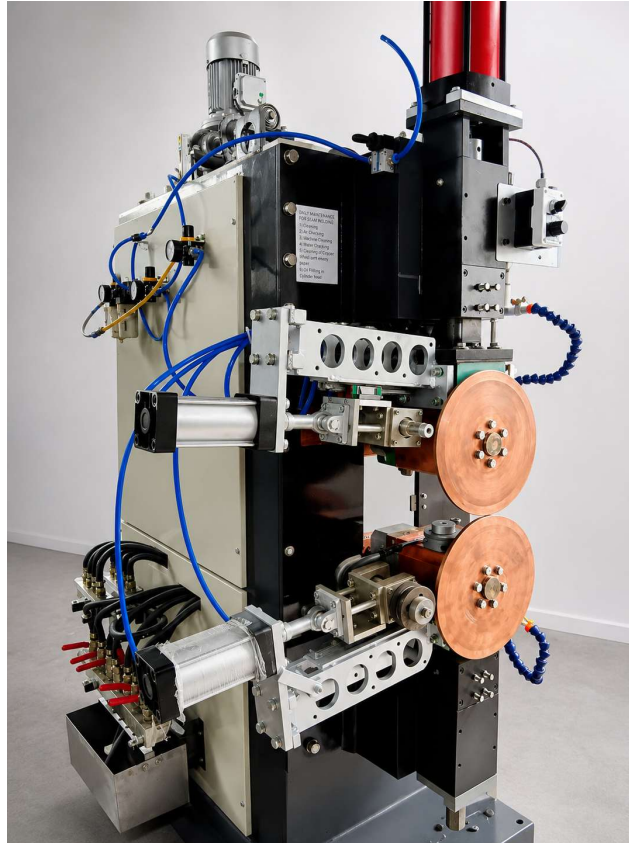


Indramani Electronics

"Power that Performs, Welds that Lasts"



CIRCUMFERENTIAL SEAM WELDING MACHINE



Product Overview

Our Circumferential Seam Welding Machine is designed for high-precision and continuous seam welding applications. Built with premium materials and engineered for long service life, it delivers excellent weld quality with minimal maintenance.

Key Features

- ✓ Copper Housing for superior electrical conductivity
- ✓ Silver Contact for efficient current transfer
- ✓ Hot Spray Galvanised Body for corrosion resistance
- ✓ Rust-Free Long Life Structure
- ✓ Pneumatic Electrode Pressure System
- ✓ Water Cooled Copper Wheels
- ✓ Smooth & Consistent Weld Quality
- ✓ Easy Operation & Low Maintenance
- ✓ Suitable for Continuous Production

Technical Specifications

Parameter	Specification
Machine Type	Circumferential Seam Welding Machine
Welding Method	Resistance Seam Welding
Transformer Capacity	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	Direct drive to housing for constant speed / With knurling Drive (as per customer requirement)
Duty Cycle	50%
Cooling System	Water-Cooled
Control System	MFAC Controller with IGBT / Universal Weld Controller with Thyristor firing circuit
Production Mode	Semi-Automatic
Machine Construction	Heavy-Duty Fabricated Steel with Hot Spray Galvanized Structure
Machine Dimensions (L x W x H)	1400 mm x 650 mm x 1900 mm (approx.)

Utilities Required

Utility	Requirement
Electrical Supply	415V AC, 3 phase for MFAC & 415V AC, 2 phase for Universal 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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