

ELECTRA KOKO-TAWA

MODEL: AUTOMIG-500

Transformer-Based Heavy Duty MIG Welding Machine

The AUTOMIG-500 Transformer-Based Heavy Duty MIG Welding Machine, designed by KOKO TAWA, is engineered for robust industrial applications. Featuring a double fiberglass transformer, it is built to support 0.8 mm and 1.2 mm Mild Steel (MS) and Stainless Steel (SS) solid MIG wires, making it ideal for achieving high-quality welding in heavy-duty environments. With advanced features and durable construction, it caters to various fabrication, manufacturing, and construction needs.



Key Features:

1. **High Power Output:**
 - Delivers a stable welding current of up to 500A.
 - Ensures consistent performance for demanding tasks.
2. **Wide Compatibility:**
 - Suitable for 0.8 mm and 1.2 mm solid MIG wires for MS and SS applications.
 - Compatible with various shielding gases for versatile applications.
3. **Robust Transformer Design:**
 - Reliable transformer-based technology with double fiberglass insulation for enhanced durability and ease of maintenance.
 - Proven to withstand harsh industrial environments.
4. **High Duty Cycle:**
 - Supports continuous welding operations with a high duty cycle.
 - Reduces downtime, maximizing productivity.
5. **Thermal Protection:**
 - Advanced thermal overload protection ensures operator and machine safety.
6. **Adjustable Settings:**
 - Fine-tune voltage and current for precise control.
 - User-friendly controls for easy operation.

Packing List:

- Power Source
- 600A Wire feeder with Heavy Duty Topreach WF Motor.
- WF connection cable- 4m
- Welding Torch
- Earthing Cable with Clamp
- Gas regulator- CO2
- Flow Meter
- CO2 Gas Heater
- Hose Pipe: 2 m
- Welding Helmet with Black Welding Glass

Customizations:

- Feeder Cable Extension
- Feeder Motor can be replaced as per specific requirement.
- Can be attached to SPMs

ELECTRA and KOKO-TAWA are registered trademarks of Electra Koko Tawa Weld Pvt. Ltd. Unauthorized use is strictly prohibited. Always verify the KOKO-TAWA brand mark to ensure product authenticity and avoid imitations.

ELECTRA KOKO TAWA WELD (P) LTD.
NOIDA-INDIA

UNIT: B-15 Sector-5 Noida

Reg. Office: 39, Shradhanand Marg, Delhi-06

ELECTRA® KOKO-TAWA® (Registered Trademark)
Trusted Since 1996

E-mail: sales@electrawelding.com

Website: www.electrawelding.com



7. Built-in Fan Cooling System:

- Effective cooling mechanism for enhanced machine lifespan.

Technical Specifications:

Parameter	Specification
Model Name	AUTOMIG-500
Input Voltage	415V, 3-Phase, 50Hz
Output Current Range	50A – 500A
Duty Cycle	60% at 500A; 100% at 400A
Wire Size	0.8 mm, 1.2 mm (MS & SS)
Output Voltage	16V – 36V
Efficiency	>85%
Power Factor	0.93
Cooling System	Fan-cooled
Weight	Approx. 120 kg
Shielding Gas	CO ₂ , Argon, or mixed gases
Protection Class	IP23

Applications:

- Heavy Fabrication and Manufacturing
- Construction and Infrastructure Projects
- Shipbuilding and Marine Industries
- Automotive and Rail Industries
- Repair and Maintenance Operations

Why Choose the AUTOMIG-500?

- Durability:** Built to last in rugged environments.
- Performance:** High-quality welds with minimal spatter.
- Ease of Use:** Intuitive controls for both professionals and new users.