

Model: AUTOMIG-500

IGBT Module MIG Welding Machine

415V | 3 Phase | Industrial Grade

PRODUCT OVERVIEW

The **AUTOMIG-500** is a high-performance **IGBT Module based MIG Welding Machine**, designed for industrial fabrication with stable arc characteristics, high efficiency, and reliable output. Built with advanced engineering, the machine delivers consistent welding performance with low spatter and smooth weld finish, making it suitable for continuous workshop and site applications.



TECHNICAL SPECIFICATIONS

Parameter	AUTOMIG-500
Input Voltage	415V $\pm$ 15%
Phase	3 Phase
Frequency	50/60 Hz
Rated Input Current	~30–35 A
Rated Input Power	~20–22 KVA
No-load Voltage	~60–70 V
Output Current Range	50 – 500 A
Rated Output	500A @ 60% Duty Cycle
Welding Voltage	16 – 45 V
Wire Diameter	0.8 / 1.0 / 1.2 mm
Wire Feed Speed	1.5 – 20 m/min
Efficiency	$\geq$ 85%
Power Factor	$\geq$ 0.90
Protection Class	IP21S
Insulation Class	F
Cooling System	Forced Air Cooling
Machine Weight	~45–55 Kg

STANDARD ACCESSORIES

- Wire feeder unit
- MIG welding torch (3 meter)
- Earth clamp with cable, 1.5mtr
- CO₂ gas regulator with flowmeter, 36V Gas Heater
- Interconnecting cable set

KEY FEATURES

- Advanced IGBT Module Technology for efficient performance
- MIG + MMA Multi-process functionality
- Stable arc control for consistent welding quality

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- Low spatter output with smooth bead finish
- Digital display for current and voltage monitoring
- Soft switching technology for reduced energy loss
- Energy-efficient design
- Strong and durable industrial build

APPLICATIONS

- Heavy fabrication
- Structural steel
- Industrial workshops
- Construction projects
- Repair and maintenance

PERFORMANCE HIGHLIGHTS

- Stable arc even at high current
- Deep penetration welding
- Smooth and consistent wire feeding
- Suitable for carbon steel, mild steel, and stainless steel

WHY ELECTRA KOKO-TAWA

- Trusted since 1986
- Proven KOKO-TAWA technology
- Built for Indian working conditions
- Strong service support
- Reliable and durable machines

CONTACT

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