

ELECTRA KOKO-TAWA AUTOMIG-350S

SYNERGIC MIG WELDING MACHINE WITH 100% DUTY CYCLE

INTRODUCTION

The AUTOMIG-350S is a state-of-the-art Synergic MIG Welding Machine, designed to deliver unparalleled efficiency, durability, and precision for professional welders, ensuring higher performance and adaptability for diverse industrial applications.

With 100% duty cycle, the AUTOMIG-350S guarantees uninterrupted welding, making it ideal for high-production environments such as heavy fabrication, shipbuilding, structural welding, and automotive industries.



WHY CHOOSE AUTOMIG-350S?

- ✓ 100% duty cycle at 350A – Ultimate Performance
- ✓ Advanced Synergic Control – Effortless Operation
- ✓ Precision Welding with Digital IGBT Technology
- ✓ Multi-Material & Multi-Process Compatibility
- ✓ Built-in Safety & Protection Features

For industrial-grade MIG welding, AUTOMIG-350S is the perfect high-performance solution that ensures flawless, efficient, and precise welding results.

ACCESSORIES INCLUDED

- MIG Torch- 24KD/25AK
- Ground Clamp & Cable 2.5mtr
- Gas Hose- 6 mtr
- Wire Feeder Unit with 5 mtr Connection cable & 35sq.mm Welding Cable
- CO2 Gas Regulator With Gas Heater & Flow Meter

TECHNICAL SPECIFICATIONS

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

UNIT: B-15 Sector-5 Noida

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

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Trusted Since 1996

E-mail: sales@electrawelding.com

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Category	Specification
Model	KOKO-TAWA AUTOMIG-350S
Type	Inverter Multi-Function MIG/MAG Welder
Input Power	Three-phase without middle line, 415V AC, 50Hz
Allowable Working Range	Voltage: 380V – 450V; Frequency: 40 – 60Hz
Rated No-Load Voltage	70V
MIG Rated Output Current/Voltage	350A / 31.5V
MMA Rated Output Current/Voltage	350A / 34V
TIG Rated Output Current/Voltage	350A / 24V
Rated Duty Cycle (40°C)	350A @ 100%
Rated Output Voltage Change Rate	<±5% (Cold and hot state and input voltage fluctuation within ±10%)
Output Feature	CV (Constant Voltage) / CC (Constant Current)
Output Voltage Range	12 – 40V
Output Current Range	30 – 350A
Adjustment Range of Arc Ending Voltage	12 – 40V
Adjustment Range of Arc Ending Current	30 – 350A
Main Features	LED Digital Display for Welding Voltage, Current, Error Codes, and Control Parameters
Gas Type Setting	CO ₂ , MIG, MAG, Argon
Wire Type Setting	Solid Carbon Steel, Solid Core Stainless Steel, Flux-Core Carbon Steel, Flux-Core Stainless Steel, Silicon Bronze, Al-Si Alloy, Al-Mg Alloy, Electrode
Output Control	Synergic, Individual
Wire Diameter Compatibility	0.8mm, 0.9mm, 1.0mm
Welding Control Modes	Two-Step, Four-Step, Special Four-Step, Spot Welding
Gas Detection	Pre-Welding Gas Check
Inching Wire Feeding	Yes, Before Welding
Current/Voltage Setting	Synergic Mode: Auto Voltage Matching; Individual Mode: Manual Adjustment
Arc Feature	Adjustable via Panel Knob

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Category	Specification
Spot Welding Time	Adjustable (0.1 – 10.0s)
Arc Ending Voltage	Adjustable via Panel
Arc Ending Current	Adjustable via Panel
Hand Welding Current Setting	Adjustable via Panel
Store/Recall Function	Stores, Recalls, and Locks Welding Parameters
Protection Features	Over-Voltage, Under-Voltage, Overheat, Overcurrent Protection
Operating Conditions	Dust, Metallic Dust, and Corrosive Gases within Standards (Excluding Those from Welding)
Operating Temperature	-10°C to +40°C (De-rated Usage at 50°C)
Humidity	Max 75%RH @ 40°C, Max 95%RH @ 20°C (No Condensation)
Vibration Resistance	< 200Hz, < 1.0m/s
Storage Temperature	-40°C to +70°C
Protection Degree	IP21S
Cooling Method	Forced Air Cooling with Fan Control
Insulation Class	H
Electromagnetic Compatibility	Class A
Dimensions (L × W × H)	647 × 296 × 572 mm (excluding protrusions)
Weight	50.5 kg (including Power Source & Wire Feeder & Accessories)

KEY FEATURES

1. 100% DUTY CYCLE – NO INTERRUPTIONS

- Capable of welding at **350A continuously without overheating**, ensuring **high efficiency and long work durations**.

2. SYNERGIC CONTROL – EASY OPERATION

- Adaptive Voltage & Current Matching:** Automatically adjusts the voltage based on the set current for optimal arc performance.
- Memory Function:** Store and recall welding parameters for repetitive tasks.

3. WIDE MATERIAL COMPATIBILITY

- Welds **stainless steel, carbon steel, aluminium, and flux-cored materials**.
- Adjustable **wire feed speed and gas settings** for **customized welding performance**.

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4. ADVANCED WELDING MODES

- **Two-Step & Four-Step Operation:** Enhanced control over arc start and stop.
- **Pulse Welding Mode:** Ideal for thin materials and precision welding.
- **Spot Welding Mode:** Accurate and controlled weld points.

5. RELIABLE SAFETY FEATURES

- **Overheat & Overcurrent Protection** to ensure machine longevity.
- **Intelligent Fan Cooling System** for optimal thermal management.
- **Insulation Class H & IP21S Protection Grade** for safe operation.

6. USER-FRIENDLY DIGITAL DISPLAY

- Large LED screen displays **current, voltage, and error diagnostics**.
- **Precise tuning** with encoder knobs for **welding customization**.

7. INDUSTRIAL-GRADE BUILD QUALITY

- **Rugged steel body with anti-corrosion coating** for **durability**.
- **Portable design with robust wheels** for easy mobility in **workshops and construction sites**.

APPLICATIONS

- **Heavy Fabrication & Structural Welding**
- **Automotive & Body Repair**
- **Shipbuilding & Offshore Welding**
- **Railway & Pipeline Welding**
- **General Manufacturing & Metal Workshops**

CONTACT US

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🚀 Experience the Future of Welding with AUTOMIG-350S!

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