

Product Name: Transformer-Based MIG Welding Machine

Model: AUTOMIG-600

Product Overview

The **AUTOMIG-600 Transformer-Based Heavy Duty MIG Welding Machine** is an advanced welding solution designed for high-performance industrial applications. Featuring a **double fiberglass transformer**, it is built for durability and efficiency, supporting **0.8 mm, 1.2 mm, and 1.6 mm Mild Steel (MS) and Stainless Steel (SS) MIG wires**. This machine ensures consistent and high-quality welding results, making it a perfect choice for heavy-duty environments such as fabrication workshops, construction projects, and shipbuilding.

Technical Specifications



Parameter	Details
Model Name	AUTOMIG-600
Input Voltage	415V, 3-Phase, 50Hz
Output Current Range	50A – 600A
Duty Cycle	60% at 600A; 100% at 480A
Wire Size	0.8 mm, 1.2 mm, 1.6 mm (MS & SS)
Output Voltage	16V – 40V
Efficiency	>85%
Power Factor	0.93
Cooling System	Fan-cooled
Weight	Approx. 140 kg
Shielding Gas	CO ₂ , Argon, or mixed gases
Protection Class	IP23

Key Features

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ELECTRA KOKO TAWA WELD (P) LTD.
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Trusted Since 1996

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- 1. High Power Output:**
 - Delivers a stable welding current of up to 600A.
 - Ensures superior performance for heavy-duty tasks.
- 2. Wide Wire Compatibility:**
 - Suitable for **0.8 mm, 1.2 mm, and 1.6 mm MIG wires** for MS and SS.
 - Compatible with multiple shielding gases for diverse applications.
- 3. Durable Transformer Design:**
 - Reliable transformer-based technology with **double fiberglass insulation** for enhanced durability.
 - Built to withstand harsh industrial conditions.
- 4. High Duty Cycle:**
 - Supports continuous welding operations, reducing downtime.
- 5. Thermal Protection:**
 - Advanced thermal overload protection ensures safety for operators and equipment.
- 6. Adjustable Settings:**
 - Precise control over voltage and current for optimal weld quality.
- 7. Built-in Fan Cooling System:**
 - Effective cooling for prolonged operational life.

Applications

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

Package Inclusions

1. Power Source
2. **600A Wire Feeder** with Heavy Duty Topreach WF Motor
3. WF Connection Cable - 4m
4. Welding Torch
5. Earthing Cable with Clamp
6. Gas Regulator (CO2)
7. Flow Meter
8. CO2 Gas Heater
9. Hose Pipe - 2m
10. Welding Helmet with Black Glass

Customizations Available

- Feeder Cable Extension
- Feeder Motor Replacement for specific requirements
- Compatibility with Special Purpose Machines (SPMs)

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Warranty

- **2 Year** on the welding machine for manufacturing defects.

Why Choose AUTOMIG-600?

- **Power and Durability:** Handles demanding tasks with ease and reliability.
- **High Performance:** Ensures clean and precise welds with minimal spatter.
- **User-Friendly:** Intuitive controls make it accessible for professionals and newcomers alike.
- **Low Maintenance:** Built to minimize downtime and operational costs.