

Model: METRO-500 Heavy Duty

Product Overview

The KOKO-TAWA AC Arc Welding Transformer **METRO-500 Heavy Duty** is a powerful and durable solution tailored for demanding welding applications. Equipped with a **moving core mechanism**, it ensures precise current adjustment for consistent welding performance. This **three-phase, 500A welding transformer** is engineered for heavy-duty tasks and is compatible with **2.5 mm, 3.15 mm, and 4 mm electrodes**, making it perfect for industrial and professional use. The **double fiberglass structure** of transformer provides enhanced durability and safety under tough working conditions.

Technical Specifications



Parameter	Details
Model	METRO-500 Heavy Duty
Input Voltage	440V \pm 10%, 50/60 Hz
Phase	3-Phase
Output Current Range	60A - 500A
Duty Cycle	60% at 500A
Electrode Compatibility	2.5 mm, 3.15 mm, & 4 mm
Voltage Regulation	Moving Core Mechanism
Cooling System	Air-cooled
Insulation	Double Fiberglass
Open Circuit Voltage (OCV)	70V - 80V
Weight	Approx. 75 kg
Dimensions	650mm x 400mm x 700mm

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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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E-mail: sales@electrawelding.com
Website: www.electrawelding.com



Key Features

- **Three-Phase Power:** Operates on **440V 3-phase input**, delivering high stability and efficiency.
- **Moving Core Mechanism:** Provides accurate and stable current adjustment for superior welding quality.
- **Heavy Duty Build:** Designed to handle continuous operations in challenging environments.
- **Double Fiberglass Insulation:** Ensures exceptional durability and resistance to heat and electrical stresses.
- **Versatile Electrode Compatibility:** Ideal for **2.5 mm, 3.15 mm, and 4 mm electrodes** for various welding needs.
- **Advanced Cooling System:** Air-cooled technology for extended operational life and consistent performance.
- **User-Friendly Controls:** Intuitive interface for quick setup and smooth operation.

Applications

- **Heavy Jobwork:** Built to handle intensive and heavy-duty welding projects.
- **Fabrication Workshops:** Ensures precision and durability for large-scale welding.
- **Industrial Manufacturing:** Reliable for production lines and custom manufacturing.
- **Construction Sites:** Delivers robust performance under demanding site conditions.

Warranty

- **3 Year** on the welding transformer for manufacturing defects.

Why Choose ELECTRA KOKO TAWA METRO-500 Heavy Duty?

- **High Power Capability:** 500A output with three-phase efficiency for heavy-duty tasks.
- **Durable and Reliable:** Rugged construction with double fiberglass insulation for long-lasting use.
- **Precision Control:** Moving core mechanism for stable and accurate current regulation.
- **Versatile and Flexible:** Compatible with a range of electrode sizes for various applications.
- **Low Maintenance:** Built for prolonged usage with minimal upkeep.