

ELECTRA KOKO TAWA

Model: KOKO-TAWA Oil Cooled 600Amp. AC Welding Machine

**Heavy Duty Copper Winding Welding
Transformer – Built for Indian Railways &
Industrial Fabrication**

Product Overview

The KOKO-TAWA Oil Cooled 600Amp. AC Welding Machine is a high-performance, oil-immersed, **copper winding welding transformer** designed for **continuous heavy-duty welding** in the most demanding environments. Developed with rugged Indian industrial conditions in mind, it features a **100% duty cycle, moving core regulator** mechanism, and is optimized for use in **railways, petroleum, refineries, steel structures, and infrastructure projects**.

Now a part of the ELECTRA KOKO TAWA portfolio, this machine is specifically suited for **thick-section welding** and **multi-pass fabrication** required by the Indian Railways and allied sectors.

Technical Specifications

Parameter	Specification
Output Current Range	60 – 600 A
Duty Cycle	100% at 600 A
Input Voltage	415V \pm 10%, 3 Phase, 50/60 Hz
Welding Voltage	22 – 60 V
Cooling System	Oil-Immersed (Oil-Cooled Transformer)
Transformer Type	Copper Winding, Moving Core, Regulator Type
Open Circuit Voltage (OCV)	70 V
Class of Insulation	Class H
Protection Class	IP21
Weight	Approx. 275 – 320 kg
Dimensions (L×W×H)	920 × 620 × 920 mm
Arc Control	Manual Tap Regulator
Construction	Heavy Duty Steel Fabricated Body



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Trusted Since 1996

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Key Features

- **Copper Winding:** Superior thermal efficiency and long service life.
- **Oil-Immersed Cooling:** Designed for continuous operation without overheating.
- **Moving Core Technology:** Durable and low-maintenance current adjustment system.
- **100% Duty Cycle:** Built to weld non-stop during long fabrication cycles.
- **Indian Railways Standard:** Trusted performance in workshops and depots nationwide.
- **High Arc Stability:** Smooth and deep penetration for thick metals.
- **Industrial-Grade Build:** Resistant to harsh Indian weather and site conditions.
- **Simple Operation:** Manual knob regulation and easy-to-understand layout.






Applications

- **Railway Coaches & Bogies**
- **Steel Fabrication for Bridges, Structures & Towers**
- **Petroleum Plants & Oil Refineries**
- **Shipbuilding & Dockyard Welding**
- **Power Plant Infrastructure**
- **Large-Scale Fabrication Projects (Girders, PEBs, Tanks)**

Accessories (Optional)

- Electrode Holder with Cable
- Earth Clamp with Cable
- Trolley Mount Kit
- Welding Shield/Helmet
- Heavy Duty Caster Wheels
- Lifting Hooks

Why Choose KOKO-TAWA 600A?

-  100% copper winding for reliable output
-  Tested and proven in Indian Railways projects
-  Designed to perform in high-heat & long-duration workloads
-  Built to last with easy service and minimal maintenance
-  Proudly made in India by **Electra Koko Tawa Weld Pvt. Ltd.**