

Product Name: ACDC Pulse TIG Welding Machine

Model: METAL PLUS-300

(Product image may vary)

Product Overview

The **METAL PLUS-300 ACDC Pulse TIG Welding Machine** is a versatile, high-performance welding solution designed for precision, durability, and efficiency. Delivering up to **300A output** on a **single-phase 220V power supply**, it is ideal for welding aluminum, stainless steel, and mild steel. The advanced pulse and ACDC technology ensures minimal distortion, precise control, and exceptional weld quality, making it perfect for industrial and professional use.



Technical Specifications

Parameter	Details
Model Name	METAL PLUS-300
Input Voltage	220V \pm 10%, Single Phase, 50/60 Hz
Output Current Range	10A – 300A
Duty Cycle	60% at 300A
Pulse Frequency	0.2 – 500 Hz
AC Frequency	50 – 250 Hz
Power Efficiency	\geq 85%
Cooling System	Fan-cooled
Weight	Approx. 26 kg
Dimensions	510mm x 230mm x 400mm
Welding Modes	TIG (AC/DC), MMA
Protection Class	IP23
Arc Start	High-Frequency (HF)

Key Features

- Advanced ACDC Functionality

ELECTRA and KOKO-TAWA are registered trademarks of Electra Koko Tawa Weld Pvt. Ltd. Unauthorized use is prohibited and subject to legal action. Verify the KOKO-TAWA brand to ensure authenticity and avoid imitations. Be aware of similar body-color machines; always check for the KOKO-TAWA mark to buy authentic and original ELECTRA products.

FOR QUERIES:
CALL: 9810029167 | 9971717888
EMAIL: sales@electrawelding.com
FOR TECHNICAL SUPPORT CALL: 9310029167

ELECTRA KOKO TAWA WELD (P) LTD.
NOIDA-INDIA
UNIT: B-15 Sector-5 Noida
Reg. Office: 39, Shradhanand Marg, Delhi-06

- Switch between AC and DC modes for welding aluminum, stainless steel, and mild steel with precision.
- 2. **Pulse Technology**
 - Adjustable pulse frequency and width for better control over heat input and weld penetration.
- 3. **High-Frequency Arc Start**
 - Provides smooth, contamination-free arc initiation.
- 4. **Digital User Interface**
 - Easy-to-use controls with digital display for precise adjustments.
- 5. **Compact and Lightweight**
 - Portable design for both workshop and on-site welding.
- 6. **Dual Welding Modes**
 - TIG and MMA compatibility for diverse applications.
- 7. **Efficient Cooling System**
 - Fan-cooled design ensures extended operational life and stable performance.
- 8. **Energy Efficiency**
 - Optimized power usage for cost-effective operation.

Applications

- **Aerospace:** Welding aluminum and other lightweight components.
- **Automotive:** Fabrication of exhaust systems, frames, and intricate components.
- **Fabrication Workshops:** Ideal for stainless steel and mild steel projects.
- **Shipbuilding:** Precision welding for marine applications.
- **Maintenance and Repair:** Versatile for intricate repair jobs.

Package Inclusions

1. ACDC Pulse TIG Welding Machine (**METAL PLUS-300**)
2. TIG Torch with 4-meter Cable
3. Ground Clamp with 3-meter Cable
4. Gas Hose
5. Electrode Holder for MMA Welding
6. User Manual
7. Warranty Card

Warranty

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

Why Choose METAL PLUS-300?

- **Superior Welding Precision:** Pulse and ACDC functionality for clean and precise welds.
- **Wide Material Compatibility:** Suitable for aluminum, stainless steel, and mild steel.
- **Portable and Durable:** Compact and robust design for various work environments.
- **Energy Efficient:** Optimized power usage without compromising on performance.

ELECTRA and KOKO-TAWA are registered trademarks of Electra Koko Tawa Weld Pvt. Ltd. Unauthorized use is prohibited and subject to legal action. Verify the KOKO-TAWA brand to ensure authenticity and avoid imitations. Be aware of similar body-color machines; always check for the KOKO-TAWA mark to buy authentic and original ELECTRA products.

FOR QUERIES:

CALL: 9810029167 | 9971717888

EMAIL: sales@electrawelding.com

FOR TECHNICAL SUPPORT CALL: 9310029167

ELECTRA KOKO TAWA WELD (P) LTD.

NOIDA-INDIA

UNIT: B-15 Sector-5 Noida

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