



AC/DC TIG Welding Machine

- **Control Type:** Thyristor Control or Electronic Control
- **Design:** Specially designed for TIG welding
- **Features:**
 - Gas shield control
 - Water cooling in the welding gun
 - Fitted with solid rubber wheels for convenient and safe movement
 - Complete with welding accessories

Technical Specifications

- **Maximum Welding Current:** Not less than 250 Amp
- **Duty Cycle:** Minimum 40% at 250 Amp
- **Electricity Supply:**
 - AC 220/380 Volt
 - 50 Hz
- **Open Circuit Voltage:** Minimum 70 Volt
- **Power Factor Correction:** Included
- **Current Adjustment:**
 - Continuous current control or 2 ranges continuous current control
 - Current Range: 10-250 Amp
- **Solenoid Valve:** For gas or water, with efficient accessory compatibility
- **Gas Flow Control:** Pre-flow and post-flow time settings

Accessories

- **Mobility:**
 - Mounted on solid rubber wheels
 - Includes gas cylinder rack with securing chain
- **Welding Gun:**
 - Water-cooled
 - Equipped with ON-OFF switch in the electrode holder, ready to use
 - Minimum Cable Length: 3 metres
- **Control Pendant:**
 - Waterproof ON-OFF and amperage control
 - Includes cable

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- **Return Cable:**
 - Multi-stranded high-grade copper core
 - Minimum Cross Section: 50 mm²
 - Standards: AS, BS, VDE (copper wire about 1558/0.2 pieces)
 - Complete with cable eye and ground clamp made of bronze, minimum length 5 metres
- **Primary Cable:**
 - Length: 4 metres
 - 3-core, 6 mm², connected to primary pole
- **Ceramic Nozzles:**
 - Sizes: 6.35, 9.5, 12.7 mm
 - Quantity: 4 pieces of each size
- **Tungsten Electrodes:**
 - Pure Tungsten Sizes: 1.5, 2.4, 3.2 mm (4 pieces of each)
 - Thoriated Tungsten Sizes: 1.5, 2.4, 3.2 mm (4 pieces of each)
- **Tungsten Electrode Chucks:**
 - Sizes: 1.5, 2.4, 3.2 mm (2 sets of each)
- **Argon Gas Cylinder:**
 - Capacity: 40 litres (fully filled)
- **Argon Regulator Flow Meter:** 1 set
- **Welder's Helmet and Hand Shield:**
 - Made of super tough nylon
 - Complete with filter glass and spare glass No.11 (10 pieces)
- **Protective Gear:**
 - Set of apron and arm/wrist protection (1 set of each)
 - Welding gloves for TIG (gauntlet gloves), 2 pairs
- **Additional Tools:**
 - Stainless wire brush
- **Water Cooling System:**
 - Includes circulation water pump and storage tank
 - Capacity: 15 litres
 - Fitted with ON-OFF switch

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