



MAXIMIG 251


The Workhorse Diode based Tap controlled MIG / MAG Welding Rectifier



SALIENT FEATURES

- Recommended for All position MIG / MAG welding applications
- Suitable for welding of wide range of metals like Carbon Steel, Stainless Steel and other steel alloys, with appropriate or recommended consumable
- High volume thin sheet metal fabrication welding as in Auto Industries and other engineering industries, maintenance and repair workshops
- Most ideal for Auto Ancillary units - for increased productivity and quality welding applications
- Most reliable and dependable workhorse welding machines with proven economy
- Diode based power source with traditional tapped transformer, provided with switch on front panel for step control of voltage, enabling welder to obtain the desired arc voltage with ease
- User friendly selection of 2 track / 4track operation for zero defect GMAW welding
- Good and consistent weld quality with low hydrogen content
- Dependable Thyristorized wire-feeder system ensures long, uninterrupted welding
- Quick release wire feed roller mechanism enables operator to change the wire spool quickly, minimising the unproductive time and thus increasing the productivity on the shop floor
- Standard Package comprises of Power Source, Wire feeder (2 Roll Drive) with 5 meter interconnection and Welding Torch only
- Rugged design, reliable performance and superior arc characteristics

SPECIFICATIONS

Technical Specifications	Unit	Maximig 251
Characteristic Control		Tap Controlled Diode Based
Characteristics	Type	Constant Potential
Input		
Input Supply:		
Voltage	Volts, Ac	380 / 415 , +10%, -10%
Phase	No	3
Frequency	Hz	50/60
Maximum Input Current	Amps, AC	13
Input Kva @ 100% Duty Cycle	KVA	10
Input Kva @ 60% Duty Cycle	KVA	7
No. Of Welding Steps		16

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Output			
Open Current Voltage	X%	Volts, DC	16-36
Welding Current Range		Amps, DC	50-250
Welding Current @ 100% duty cycle		Amps, DC	195 @ 23.8 V
Welding Current @ 60% duty cycle		Amps, DC	250 @ 26.5 V
General			120% of the set current
Cooling		Type	Forced Air
Insulation		Class	F
Welding Output Terminals	SS	Type	Stud Type For Lug Type Cable Connections
Dimensions (L X W X H)		mm	770 x 400 x 740
Weight (Approx)		Kg	93

- **Warranty:** One year from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and /or the specifications without any prior notice.
- Backed by dedicated customer care package.