

TIG WELDERS AC/DC 240V

240V AC/DC TIG WELDERS

160 AMP

200 AMP

250 AMP



Class leading components and a wealth of advanced features make this range of welders the only serious choice for TIG welding

Our complete package includes a 4M Air Cooled WP26 TIG Torch (see below for torch options), Earth Lead, MMA Lead, Gas Hose, Mains Cable, Argon Regulator, Owners Manual and a Torch Consumables Kit

- Fabrication
- Aerospace
- Automotive Industry
- Maintenance
- Marine applications
- Restoration/Professionals



PATENTED HF MICRO START

prevents interference on electronic equipment

HF micro start enables easy arc ignition and prevents HF from causing interference with other localized electronic equipment. This a feature commonly found on more expensive machines.



WELDS STEELS AND ALLOYS

up to 9mm thick

Use the welder in DC mode for steels and AC mode for alloys. All three models also feature MMA (Arc) welding functionality too. These TIG welders will weld almost any metals*

* subject to usage of correct gas/rods and torch consumables



USE WITH A FOOT PEDAL*

*SOLD SEPARATELY

Foot pedals give you the ultimate in smooth power delivery and control. Weld from minimum amps up to any pre-set maximum of your choice. Ideal for intricate or complicated welds



FULLY FEATURED PULSE WELDING

adjust frequency, width and amperage

Fully featured pulse welding enables the adjustment of width, amperage and frequency, thus reducing heat deformation and providing greater control of the weld pool. Ideal for stainless steel applications.

ADJUSTABLE AC SQUAREWAVE FREQUENCY

for total weld pool control aids travel speed and reduces deformation

Adjustable between 20 to 250Hz this allows for quicker travel speed, improved penetration and provides a narrow weld seam. This feature is commonly found on more expensive TIG welders.

TIG TORCH OPTIONS	LENGTH	RATING
WP18 Water Cooled torch	4M & 8M	350A DC - 250A AC
WP20 Water Cooled torch	4M & 8M	250A DC - 175A AC
WP26 Air Cooled torch	8M	200A DC - 150A AC

www.weld-tech.co.za
sales@weld-tech.co.za

ORDER BY PHONE
+27117840171

TECHNICAL SPECIFICATIONS

160 AMP



MODEL:TIG161

200 AMP



MODEL:TIG201

250 AMP



MODEL:TIG251

Output @ 35% duty cycle	160 amps
AC TIG Output	20-160 amps
DC TIG Output	5-160 amps
MMA Output	5-120 amps
AC Squarewave Balance Control	Yes (30-70%)
AC Squarewave Frequency Control	50-250Hz
High Frequency Micro Start	yes
Generator friendly recommended size	6.5 KVA
Slope Up/Slope Down	0-5 seconds
Gas Post Flow	1-25 seconds
Pulse Current Range	5-160 amps
Pulse Width Range	0.1-0.9 seconds
Pulse Frequency Range	0.5-25Hz
2T/4T (latching) trigger operation	yes
LED amperage/voltage display -preset & actual	yes
Cooling Fan with thermostatic protection	yes
MMA Hot Start	yes
240v Auxilliary Output for Water Cooler etc...	yes
Industrial Quality Metal Chassis	yes
Net Weight	25Kg
Dimensions (mm)	515x220x395

Output @ 60% duty cycle	200 amps
AC TIG Output	20-200 amps
DC TIG Output	5-200 amps
MMA Output	5-160 amps
AC Squarewave Balance Control	Yes (30-70%)
AC Squarewave Frequency Control	20-250Hz
High Frequency Micro Start	yes
Generator friendly recommended size	6.5 KVA
Slope Up/Slope Down	0-5 seconds
Gas Post Flow	1-25 seconds
Pulse Current Range	5-200 amps
Pulse Width Range	0.1-0.9 seconds
Pulse Frequency Range	0.5-25Hz
2T/4T (latching) trigger operation	yes
LED amperage/voltage display -preset & actual	yes
Cooling Fan with thermostatic protection	yes
MMA Hot Start	yes
240v Auxilliary Output for Water Cooler etc...	yes
Industrial Quality Metal Chassis	yes
Net Weight	29Kg
Dimensions (mm)	515x220x395

Output @ 60% duty cycle	250 amps
Output @ 100% duty cycle	200 amps
AC TIG Output	20-250 amps
DC TIG Output	10-250 amps
MMA Output	10-200 amps
AC Squarewave Balance Control	Yes (30-70%)
AC Squarewave Frequency Control	20-250Hz
High Frequency Micro Start	yes
Generator friendly recommended size	10 KVA
Slope Up/Slope Down	0-5 seconds
Gas Post Flow	1-25 seconds
Pulse Current Range	20-250 amps
Pulse Width Range	0.1-0.9 seconds
Pulse Frequency Range	0.5-25Hz
2T/4T (latching) trigger operation	yes
LED amperage/voltage display -preset & actual	yes
Cooling Fan with thermostatic protection	yes
MMA Hot Start	yes
240v Auxilliary Output for Water Cooler etc...	yes
Industrial Quality Metal Chassis	yes
Net Weight	30Kg
Dimensions (mm)	570x330x600

TIG WELDER OPTIONS



WATER COOLER

Powerful active water cooler designed for R-Tech TIG Welders. This model features a 7 litre tank and a large heat exchanger allowing cooling up to 600 Amps.



STANDARD TROLLEY

Made for our 240v range of TIG Welders this trolley has three good sized trays, side arms for cable storage.



HEAVY-DUTY TROLLEY

A heavy gauge, British-made steel trolley featuring two trays, side arms and heavy duty wheels. Ideally suited to our 415v range of TIG Welders



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