



# TIG WELDERS - AC/DC 240V - ANALOGUE

160 AMP



200 AMP



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

Our complete package includes a 4M Air Cooled WP26 Torch, Earth Lead, MMA Lead, Gas Hose, Mains Cable, Regulator, Owners Manual and a Torch Consumables Kit

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



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



Prevents interference on localised electronic equipment



up to 9mm thick



\* SOLD SEPERATELY



adjust frequency, width and amperage

ADJUSTABLE AC SQUAREWAVE FREQUENCY

For total weld pool control; aids travel speed and reduces deformation

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

Features 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 metal.

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

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

**2 Year Warranty**

# TECHNICAL SPECIFICATIONS

## 160 AMP




MODEL:TIG161

Output @ 35% duty cycle	160 amps
AC TIG Output	20-160 amps
DC TIG Output	5-160 amps
MMA Output	10-120 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 display - pre-set & actual	yes
Cooling Fan with quiet DC fan system	yes
MMA Hot Start	yes
240v Auxiliary Output for Water Cooler etc...	yes
Net Weight	25Kg
Dimensions (mm)	515x220x395

2 Year Warranty

## 200 AMP



MODEL:TIG201

Output @ 60% duty cycle	200 amps
AC TIG Output	20-200 amps
DC TIG Output	5-200 amps
MMA Output	10-160 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	5-200 amps
Pulse Width Range	0.1-0.9 seconds
Pulse Frequency Range	0.5-25Hz
2T/4T (latching) trigger operation	yes
LED amperage display - pre-set & actual	yes
Cooling Fan - Fan on demand	yes
MMA Hot Start	yes
240v Auxiliary Output for Water Cooler etc...	yes
Net Weight	29Kg
Dimensions (mm)	515x220x395

2 Year Warranty

# 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.



### REMOTE FOOT PEDAL

Ergonomic remote amperage control foot pedal with non-slip rubber feet, supplied with 4 or 8 metre cable. Fits all R-Tech TIG Welders.