

XCEL-ARC™ TIG200RZ ACDC FEATURES



TIG/MMA - 200 Amp AC/DC Inverter Welder

Welds: Aluminium, Magnesium, Zinc Alloys, Steels, Stainless, Cast Iron, Bronze, Copper

TIG/MMA 200 Amp 230V AC/DC Inverter Welder
HF Start, Pulse, 2/4T, Down Slope, Post Gas
Industrial Rated, AC Balance, Remote Ready



Features

- Proven IGBT Inverter Technology
- AC/DC TIG
 - HF Arc Ignition
 - AC Balance control
 - Pulse Control Function
 - Adjustable Base current (Background Amps) 10~90%
 - Adjustable Down Slope 0~10 seconds
 - Adjustable Post Gas 0~10 seconds
 - 2/4T Trigger control
 - Remote Amperage Control - Optional
- MMA (stick electrode)
 - Adjustable Arc Force (adjusts arc energy to suit electrode application)
 - Excellent arc stability with all electrodes
- Water Cooler Ready
- Tolerant to variable power supply



XA-TIG200RZ ACDC Standard Package



Optional machine accessories available - refer www.xcelarc.nz

Technical Data

Power Supply	230V 1-Phase ±15%
Rated Input Power	6.9 kVA
I _{eff} as per AS/NZ60974-1	15 Amps
Rated Output	10~160A/26.8V MMA 10~200A/17.4V TIG
No Load Voltage	65V
Duty Cycle @ 40°C as per AS/NZ60974	30% @ 160 Amps MMA 25% @ 200 Amps TIG
Duty Cycle @ 25°C (approximate)	30% @ 160 Amps MMA 25% @ 200 Amps TIG
Efficiency	80%
Power Factor	0.7
Protection Class	IP21S
Insulation Class	B
Dimensions (LxWxH)	566 x 224 x 405mm
Weight	15 kg
Certification Approval	AS/NZ 60974-1

Overview

The Xcel-Arc TIG200RZ is a high quality inverter AC/DC TIG welding machine with added MMA (stick electrode) function. Produced using tried and tested IGBT inverter technology, this machine is highly reliable, robust and stacked with all the features that you would expect from an industrial welding machine. The TIG function incorporates Square Wave AC with adjustable AC Balance, making this an ideal choice for anyone wanting to TIG weld aluminium alloys with professional results. The HF Arc Ignition provides easy starting leaving no tungsten inclusion or contamination of the tungsten electrode. The adjustable Down Slope and Post-Gas combined with the 2/4T trigger function gives you flexibility to control the start and finish of the weld process at a professional level. The fully adjustable Pulse function including Pulse Frequency, and Base Current (Background Amps) gives you the added ability to better control heat input into the work, control penetration & minimize distortion. The Remote Control Interface provides for connection of remote amperage control via either optional Torch Remote or Foot Pedal. The MMA welding function delivers a smooth and stable arc allowing high quality welds including cast Iron, stainless and low hydrogen. The inclusion of adjustable Arc Force allows you to set the ideal arc condition no matter what type of electrode you choose. The TIG200RZ is an exceptional machine that has been widely popular across a broad spectrum of welding applications from light industrial situations right through to the serious hobby user wanting a professional level machine. Designed and built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-TIG200RZ ACDC-K

Standard Package includes: XA-TIG200RZ ACDC Machine, XA26FX Flexi-Neck Tig Torch x 4m, Earth Lead & Arc Lead 25mm x 4m, Argon Regulator