

MMA/TIG - 200 Amp DC Inverter Welder

Welds: Steels, Stainless, Cast Iron, Bronze, Copper

RAZORWELD ARC200

230V Single Phase 200 Amp DC Welder MMA/TIG
 Selectable VRD - Stick Electrode, Lift Arc DC TIG
 Industrial Rated with PFC (Power Factor Correction)



Features

- New 40KHz inverter frequency technology
- PFC (Power Factor Correction) for maximum electrical efficiency
- MMA function (Stick electrode)
 - Selectable On/Off VRD (Voltage Reduction Device)
 - Hot start (improves electrode starting)
 - Arc Force (boosts current to prevent electrode extinguishing)
 - Excellent arc stability with all electrodes
- DC-TIG
 - Lift Arc ignition (prevents tungsten sticking during arc ignition)
 - Ultra smooth DC-TIG welding current
- Thermal overload protection
- IP21S rating for environmental/safety protection
- Generator compatible (recommend 9.0 kVA minimum)
- Auto-compensation for voltage fluctuation
- Minimal harmonic feedback to power grid



XA-ARC200RZ-K
 Standard Package



Optional machine accessories available - refer page 16

Technical Data

Power Supply	240V 1-Phase $\pm 15\%$
Rated Input Power	9.0 kVA
I_{eff} as per AS/NZ60974-1	15 Amps
Rated Output	200 Amps / 28V MMA 200 Amps / 18V TIG
Welding Current Range	10 ~ 200 Amps
No Load Voltage (OCV)	VRD On 9V - Off 77V
Duty Cycle @ 40°C as per AS/NZ60974-1	25% @ 200 Amps MMA 25% @ 200 Amps TIG
Duty Cycle @ 25°C (approximate)	40% @ 200 Amps MMA 40% @ 200 Amps TIG
Power Factor	0.99
Protection Class	IP21S
Insulation Class	F
Dimensions (LxWxH)	365 x 135 x 227mm
Weight	6.5 Kg
Certification Approval	AS/NZ60974-1

Overview

The RazorWeld ARC200 from Xcel-Arc is a high quality inverter welding machine with a primary function of DC-MMA (Stick) welding and additional DC-TIG function incorporating Lift-Arc Ignition. Produced using the very latest generation 40KHz IGBT inverter technology; this machine offers outstanding arc characteristics whilst also being highly reliable, robust and incredibly portable. The DC-MMA welding function delivers a smooth and incredibly stable arc, producing high quality welds including cast Iron, stainless and low hydrogen. With the inclusion of Hot-Start and Arc Force coupled with Selectable VRD and Power Factor Correction (PFC), this machine is perfectly suited to site work and is an ideal choice for the welding professional or contractor. Connection of the optional XA17V Tig Torch provides intermediate level DC-TIG welding of steel, stainless steel, bronze and copper. The Lift-Arc TIG function is superb and delivers perfect arc ignition every time without any sticking or inclusion of the tungsten electrode to the work piece and a remarkably smooth stable arc produces high quality TIG welds. The ARC200RZ is an exceptional machine suitable for a wide range of applications including medium to heavy industrial use, site welding, farming and general repair and maintenance work. The ARC200RZ gives you great portability with the power to get the job done. Built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-ARC200RZ-K

Standard Package includes: ARC200RZ Machine, Earth Lead & Arc Lead 25mm x 4m