

MMA/TIG - 180Amp DC Welding Machine Small, Lightweight and Port

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



KUMJRRW180CA

3 YEARS Warranty
(Power Source)

Features

- Latest IGBT inverter technology
- MMA (stick electrode)
- Hot start (improves electrode starting)
- VRD (Voltage Reduction Device)
- 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
- Generator compatible
(recommend 9.0 KVA minimum)
- Tolerant to variable power supplies



Technical Data

Power Supply / Phases (V-Ph)	240V - 1 ±15%
Rated Input Power (KVA)	9
I _{eff}	15.3A MMA / 15.3A TIG
I _{max}	34.3A MMA / 21.7A TIG
Rated Output	180A/27.2V MMA 180A/17.2V TIG
Welding Current Range	10~180A
No-Load Voltage (V)	9V
Duty Cycle @ 40°C as per AS/NZ60974-1	20%@180Amps MMA 20%@180Amps TIG
Protection Class	IP21
Insulation Class	F
Size (mm)	313 x 250 x 130
Weight (kg)	4.7
Warranty	3 years on power source

ARC180CA Standard option

- MMA-TIG 180DC
- ARC LEAD SET 4M
- PVC CARRY CASE

ARC180CT TIG Option

- MMA-TIG 180DC
- ARC LEAD SET
- ARGON REGULATOR
- 17V TIG TORCH 4M
- PVC CARRY CASE



Overview

The ARC180 is an inverter-based welding machine produced using the latest in IGBT technology. This machine is reliable, robust and stacked with features that you can expect from a quality welder. The DC MMA welding capability delivers a smooth and incredibly stable arc allowing easy welding with electrodes producing high quality welds including cast Iron, stainless and low hydrogen. The ARC180 is equipped with DC Lift Arc function, connection of the 17V TIG torch allows quality DC TIG welding of steel, stainless steel, bronze and copper. The Lift Arc function is superb and delivers perfect arc ignition every time without any sticking of the tungsten electrode to the work piece, a remarkably smooth stable arc produces high quality TIG welds. The ARC180 is an exceptional machine that is suitable for a wide range of applications including light industrial use, site welding, farming, along with repair and maintenance applications. The Arc180 is packaged in a tough PVC carry case with your choice of MMA option accessories or MMA/TIG option accessories. The-ARC180 gives you the best of both worlds great portability, with the power to get the job done. Built to our specification and manufactured in compliance to AS/NZ60974.1

Product Code: KUMJRRW180CA

MMA option includes: ARC180 Machine, Earth Lead & Arc Lead 16mm x 4m, PVC Carry Case

Product Code: KUMJRRW180CT

TIG option includes: ARC180 Machine, Earth Lead & Arc Lead 16mm x 4m, 17V x 4m TIG Torch, Argon Regulator and PVC Carry Case