

# MMA/TIG - 170Amp DC Welding Machine Small, Lightweight and Port

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



## KUMJR170DC

**3 YEARS Warranty**  
(Power Source)

### Features

- Latest IGBT inverter technology
- MMA (stick electrode welding)
- 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 7.0KVA minimum)
- Tolerant to variable power supplies



### Technical Data

Power Supply / Phases (V-Ph)	240V - 1 ±15%
Rated Input Power (KVA)	7.7
ieff (Amps)	15A
Rated Output	170A/26.8V
Welding Current Range	10~170A
No-Load Voltage (V)	80
Duty Cycle @ 40°C as per AS/NZ60974	25%@170Amps MMA 35%@170Amps TIG
Duty Cycle @ 25°C (approximate)	100%@85Amps MMA 100%@100Amps TIG
Efficiency (%)	85
Power Factor	0.70
Protection Class	IP21S
Insulation Class	F
Size (mm)	320 x 120 x 210
Weight (kg)	5.2
Warranty	3 years on power source



ARC170CA  
Standard Package

ARC170CT  
Tig Option

### Overview

The ARC170 is an inverter-based welding machine produced using the latest in IGBT technology. Low cost and portable 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 ARC170 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 ARC170 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 Arc170 is packaged in a tough PVC carry case with your choice of MMA option accessories or MMA/TIG option accessories. The ARC170 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: KUMJR170CA

MMA option includes: ARC170 Machine, Earth Lead & Arc Lead 16mm x 4m, PVC Carry Case

### Product Code: KUMJR170CT TIG option includes:

ARC170 Machine, Earth Lead & Arc Lead 16mm x 4m, 17V x 4m Tig Torch, Argon Regulator and PVC Carry Case