

# RAZOR ARC 140 FEATURES

# UNIMIG

BUILT FOR WELDERS



## FEATURES

- 10 AMP Plug
- DC Lift Arc TIG
- STICK (MMA) with Hot Start
- Thermal overload protection
- Arc Force (boosts current to prevent electrode extinguishing)
- Excellent arc stability with all electrodes

## MACHINE PACKAGE: KUMJRRW140CA

- RAZOR ARC 140 Power Source
- 4m Twist Lock Electrode Holder
- 300 Amp Earth Clamp & Lead
- Lightweight Heavy Duty PVC Carry Case
- Machine Carry Strap
- Operating Manual

## OVERVIEW

RAZOR ARC 140 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 UNIMIG. 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 RAZOR ARC 140 is equipped with DC Lift TIG Arc function that allows quality DC TIG welding of steel, stainless steel, bronze and copper. The Lift Arc function is superb and delivers perfect arc ignition. The RAZOR ARC 140 creates a remarkably smooth stable arc leading to high-quality TIG welds.

The RAZOR ARC 140 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.

TECHNICAL DATA	
SKU	KUMJRRW140CA
PRIMARY INPUT VOLTAGE	240V Single Phase
SUPPLY PLUG	10 AMP
RATED INPUT POWER (kVA)	7.0
I <sub>eff</sub> (A)	7.9
I <sub>max</sub> (A)	20.5
RATED OUTPUT	10-140A
NO LOAD VOLTAGE (V)	78
PROTECTION CLASS	IP21S
INSULATION CLASS	F
MINIMUM GENERATOR (kVA)	8.0
DINSE CONNECTOR	10/25
STANDARD	AS/NZ60974-6
WELDS	Mild Steel, Stainless Steel, Copper, Cast Iron
WARRANTY (Years)	3

TIG SPECIFICATIONS	
TIG FUNCTION TYPE	DC Lift Arc
TIG WELDING CURRENT RANGE	10-140A
TIG DUTY CYCLE @ 40°C	20% @ 140A
TIG WELDING THICKNESS RANGE	1mm - 3mm

STICK SPECIFICATIONS	
STICK WELDING CURRENT RANGE	10-140A
STICK DUTY CYCLE @ 40°C	15% @ 140A
STICK ELECTRODE RANGE	2.5-3.2mm
STICK WELDING THICKNESS RANGE	2mm - 10mm

SIZE & WEIGHT	
DIMENSIONS (mm)	313x250x130mm
WEIGHT (kg)	4.7kg

MACHINE FEATURES	
VRD	Yes (Keyable)
THERMAL OVERLOAD PROTECTION	Over Temperature Warning