

# RAZOR MTS 500 SWF FEATURES

UNIMIG  
RazorWeld

## FEATURES

- MIG / DC Lift Arc TIG / STICK
- Air Arc Gouging
- Spool Gun / Push-Pull Gun Ready
- Separate Wire Feeder with 10m Interconnecting Cables
- 4 Geared Wire Drive
- VRD
- Burnback Adjustment / Wire Inch
- Inductance Control
- Thermal Overload Protection

## MACHINE PACKAGE: KUMJRRW500SWF

- RAZOR MTS 500 SWF Power Source
- Separate Wire Feeder
- SB36 Sure Grip MIG Torch (including consumables)
- 10m Twist Lock Electrode Holder
- 10m 300 Amp Earth Clamp & Lead
- MIG Trolley
- UNIMIG Twin Gauge Argon Regulator
- 2m Gas Hose Complete with fittings
- Operating Manual



# RAZOR MTS 500 SWF TECHNICAL DATA

TECHNICAL DATA	
MACHINE	RAZOR MTS 500 SWF
SKU	KUMJR500SWF
PRIMARY INPUT VOLTAGE	415V Three Phase
SUPPLY PLUG	Three Phase (10 AMP, 20AMP, 32 AMP)
RATED INPUT POWER (kVA)	25.3
I <sub>eff</sub> (A)	26.0
RATED OUTPUT	60A/17V - 500A/39.0V
NO LOAD VOLTAGE (V)	85V
PROTECTION CLASS	IP23
INSULATION CLASS	F
MINIMUM GENERATOR (kVA)	26.0
DINSE CONNECTOR	35/50
STANDARD	AS/NZ60974-1
WELDS	Mild Steel, Stainless Steel, Cast Iron, Silicon Bronze, Aluminium, Copper
WARRANTY (Years)	3

MIG SPECIFICATIONS	
MIG WELDING CURRENT RANGE	60-500A
MIG DUTY CYCLE @ 40°C	50% @ 500A
MIG WIRE SIZE RANGE	0.6-1.6mm
MIG WIRE SPOOL SIZE	5kg / 15kg
MIG WELDING THICKNESS RANGE	6.0-25.0mm
DRIVE ROLLER SIZE	30/22 (x2)

TIG SPECIFICATIONS	
TIG FUNCTION TYPE	DC Lift Arc
TIG WELDING CURRENT RANGE	20-500A
TIG DUTY CYCLE @ 40°C	60% @ 500A
TIG WELDING THICKNESS RANGE	3.0-8.0mm

STICK SPECIFICATIONS	
STICK WELDING CURRENT RANGE	30-500A
STICK DUTY CYCLE @ 40°C	50% @ 500A
STICK ELECTRODE RANGE	2.5-4.0mm
STICK WELDING THICKNESS RANGE	6.0-25.0mm

SIZE & WEIGHT	
DIMENSIONS (mm)	595x280x440mm
WEIGHT (kg)	43kg
SWF DIMENSIONS (mm)	630x235x420mm
SWF WEIGHT (kg)	14kg
SWF INTERLOCKING CABLE LENGTH (m)	10m

MACHINE FEATURES	
WIRE DRIVE	Separate 4 Geared
VRD	Yes
SPOOL GUN CONNECTION	Yes
PUSH / PULL GUN CONNECTION	Yes
BURNBACK ADJUSTMENT	Yes
WIRE INCH	Yes
INDUCTANCE CONTROL	Yes
CRATER CURRENT CONTROL	Yes
THERMAL OVERLOAD PROTECTION	Over Temperature Warning