

Product Brochure For W200

MULTI 500 SWF Plus Concept - MIG/TIG/STICK WELDER - Water Cooled

#KTRPM500SWFWC
 20-500 Amps Welding Current Range

Ex GST **Inc GST**
\$10,900.00 **\$11,990.00**



ORDER CODE:	W200
MODEL:	MULTI 500SWF Plus Concept
Type:	MIG / TIG / STICK & Multifunction Welder
Part Number:	KTRPM500SWFWC
Voltage (V):	415
Recommended Plug Amperage (amp):	32
Welding Current Range - MIG (amp):	20 - 500
Welding Current Range - STICK (amp):	20 - 500
Welding Current Range - TIG (amp):	10 - 500
Duty Cycle (% @ amp):	60 @ 500
Wire Spool Size (kg):	5 & 15
Ferrous Wire Size - Range (mm):	0.8 - 1.6
Stainless Steel Wire Size - Range (mm):	0.8 - 1.6
Aluminium Wire Size - Range (mm):	1.0 - 1.6
Recommended Generator (KVA):	~
Dimensions (mm):	340 x 600 x 620
Nett Weight (kg):	85



Description

The MULTI-500WSWF is a complete and powerful multifunction DC inverter welding machine - 3 phase 415V. An industrial machine with multiple welding functions including Pulse MIG, Double Pulse MIG, High Speed MIG, DC TIG, and DC MMA (STICK). User friendly programs with synergic function are provided for all the welding processes making it suitable for even the inexperienced user.

The MULTI-500WSWF encompasses all facets of the new PLUS CONCEPT technology development. PLUS CONCEPT is an innovative solution that is revolutionising the welding industry. Now high efficiency welding is possible with Gas Metal Arc Welding, Pulse Arc and standard applications. The forced dynamism of the PLUS CONCEPT achieves an ultra fast transfer rate into the weld pool giving surprising results. It increases the welding speed up to 45% and, at the same time, it increases the penetration of the weld. Higher speed, better penetration and less spatter means less energy used during the deposit and reduced distortion during welding. Using the Double Pulse function provides the ability to produce welds with TIG like finish with excellent control over the weld pool.

The MULTI-500KWSWF is a professional industrial machine that is supplied complete with water cooler for water cooled torch connection, trolley with gas bottle support, also with Push Pull Torch interface connection. Ideal for boat building, heavy fabrication and general engineering, sheet metal workshops, stainless steel fabricators, transport engineering, repair and maintenance workshops, Designed and built to meet with European norms conformity.

The Ergonomic and Auto Learning System is used in the powerful front panel interface where welding mode selection, program selection, adjustments and special settings coexist in a rugged panel, whereby with a simple touch the user can instantly see the results they have selected.

The DOUBLE PULSE program can be easily selected. A simple click in the front panel will switch from a standard pulse application to the advanced and fast double pulse without any other settings required from the operator. The frequency of the DOUBLE PULSE is easily adjusted from 0.5 to 4.0 pulses per second. DOUBLE PULSE offers more control over the weld pool improving out of position welding, better controls distortion and gives excellent wash and even leg length on fillet welds, an added bonus is the improved cosmetic appearance of the weld likened to a TIG finished weld.

The wire feeder has 4 rollers, these are gear driven and the digitally controlled wire feed motor delivers absolute precision of wire feed speed. Smart design and use of lightweight materials make the Separate Wire Feed unit highly portable and easy to transport. It is supplied with a wheel kit to allow easy movement in the welding area, alternatively it can be suspended from a moveable gantry or simply mounted on the turntable fixed to the top of the machine.

Features

- New "Plus Concept" Technology
- Latest European IGBT Inverter Technology

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- 14 Synergic MIG programmes
- Synergic Pulse MIG Programs
- High Speed Synergic Pulse MIG
- High Speed MIG/MAG Synergic MIG
- DC Lift arc TIG with PULSE, Manual and Synergic Programs
- Synergic MIG Double Pulse
- MMA Stick mode, Manual and Synergic Programs, Hot Start / Arc Force / Anti Sticking
- DC TIG with Manual and Synergic Programs
- MMA with Manual and Synergic Programs
- VRD (Voltage Reduction Device)
- 2/4T Trigger Functions
- Up Slope – Down Slope
- Voltage Reduction Device
- Variable Start Current and Crater Current
- Simple selection of welding programs
- Simple interface for easy operation
- 4 Geared Drive Roller
- Manufactured in compliance to AS/NZ60974.1 / ISO/IEC

Includes

- Separate Wire Feed
- SB500-3M MIG Torch
- Water Cooler
- Argon Regulator
- 4M Earth Lead
- 4M Arc Lead
- Gas Hose with Fittings
- Trolley

Recommended Accessories

W10350

MIG Hand Rest Glide Kit



W10362

Magnetic MIG Torch Rest



W10361

Magnetic TIG Torch Rest



W571

MIG Torch - 4 Metre



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W119

Anti-Spatter Spray



O0183

Ar - Argon Disposable Cylinder



O0184

Ar/O2 - Argon 98% & Oxygen 2% Disposable Cylinder



O0185

CO2/Ar - 86% Argon & 14% Carbon Dioxide Disposable Cylinder



O300

Gas Refillable Cylinder



O304

Gas Refillable Cylinder



O3045

Gas Refillable Cylinder



O302

Gas Refillable Cylinder



O306

Gas Refillable Cylinder



O3065

Gas Refillable Cylinder



O0171

Argon Gas Regulator



W160A

Argon Gas Regulator-Twin Gauge



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W161
 Argon Gas Regulator-Bobbin
 Flowmeter



W001
 Auto Darken Welding Helmet -
 9-13 Shade



W002
 Auto Darken Welding Helmet -
 9-13 Shade



W003
 Auto Darken Welding Helmet -
 5-8 / 9-13 Shade



W159
 Auto Darken Welding Helmet
 with PAPR Respiratory System -
 5-9, 9-13 Shade



W1000A
 Promax HV5 Welding Jacket



W1001A
 Promax Blue FR Welding Jacket



W1002A
 Professional Promax BL7
 Welding Jacket



W100
 ROGUE™ Heavy Duty Welding
 Gloves - 400mm



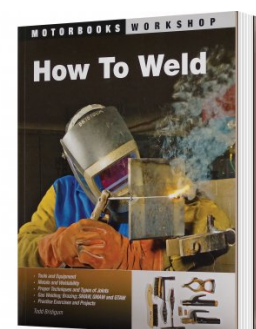
W101
 TIG Welding Gloves - 310mm



W1004
 Welding Table - Fold-Up



L3456
 How to Weld Book



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W225
 Welding Curtain



W135
 Ø0.9mm Mild Steel MIG
 Welding Wire



W136
 Ø0.8mm Mild Steel MIG
 Welding Wire



W138
 Ø0.6mm Mild Steel MIG
 Welding Wire



W138A
 Ø0.6mm Mild Steel MIG
 Welding Wire



W140
 Ø0.8mm Mild Steel MIG
 Welding Wire



W140A
 Ø0.8mm Mild Steel MIG
 Welding Wire



W142
 Ø0.9mm Mild Steel MIG
 Welding Wire



W143
 Ø1.0mm Aluminium MIG
 Welding Wire



W144
 Ø1.2mm Aluminium MIG
 Welding Wire



W145
 Ø0.9mm Gasless Mild Steel
 MIG Welding Wire



W145A
 Ø0.9mm Gasless Mild Steel
 MIG Welding Wire



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W125
 Ø1.6mm TIG Filler Rod - Mild Steel



W126
 Ø2.4mm TIG Filler Rod - Mild Steel



W127
 Ø1.6mm TIG Filler Rod - Stainless Steel



W128
 Ø2.4mm TIG Filler Rod - Stainless Steel



V099
 90 degree Angle Vice Clamp



V100
 90 degree Angle Vice Clamp



W546
 10 x 0.6mm Contact Tips - Steel



W548
 10 x 0.8mm Contact Tips - Steel



W549
 10 x 0.9mm Contact Tips - Steel



W549A
 10 x 0.9mm Contact Tips - Aluminium



W550
 10 x 1.0mm Contact Tips - Steel



W550A
 10 x 1.0mm Contact Tips - Aluminium



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W552
 10 x 1.2mm Contact Tips - Steel



W552A
 10 x 1.2mm Contact Tips - Aluminium



W539
 0.6-0.8mm Blue Steel Liner



W538
 1.0-1.2mm Red Steel Liner

W567
 1.0-1.2mm Red Aluminium Liner



W564
 2 x Conical Nozzles



W576
 2 x Gas Diffusers



W568
 Swan Neck Assembly

