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Product Brochure For W2531C

MIG/TIG/STICK WELDER - RAZOR 500 SWF Water-Cooled

SKU: U11234

50-500 Amps Welding Current Range

Ex GST	Inc GST
$6,635.45	$7,299.00



ORDER CODE:	W2531C
MODEL:	RAZOR 500 SWF Water-Cooled
Type:	MIG / TIG / STICK & Multifunction Welder
Part Number:	U11234
Voltage (V):	415
Recommended Plug Amperage (amp):	32
Welding Current Range - MIG (amp):	30 - 500
Welding Current Range - STICK (amp):	10 - 500
Welding Current Range - TIG (amp):	20 - 500
Duty Cycle (% @ amp):	40 @ 500
Wire Spool Size (kg):	5 & 15
Ferrous Wire Size - Range (mm):	0.8 - 1.6
Stainless Steel Wire Size - Range (mm):	~
Aluminium Wire Size - Range (mm):	~
MMA Rod Size (mm):	~
Wire Feeding Speed (m/min):	~
Recommended Generator (KVA):	40
Dimensions (mm):	1520 x 520 x 980
Nett Weight (kg):	94.65

Description

Superior performance even in the harshest conditions, this powerful water-cooled workshop machine delivers nothing less than top-tier weld quality.
A separate wire feeder gives extra manoeuvrability
Push-Pull gun ready for heavy-duty welding
4 geared wire drive system for the smoothest wire feeding experience

Smart-Set MIG
Getting set up for a weld has never been faster with our preset synergic programs. Simply select your wire type, wire size, gas type and material thickness, and the machine does the rest. It'll pick the optimal settings for your weld.

Multi-Process
Get the job done quickly and efficiently with our versatile three-in-one welding machine. With the ability to perform MIG, TIG, and MMA welding all in one unit, it's also capable of running both gas-shielded and gasless MIG wire, so you can tackle a wide variety of welding projects with ease. Whether you're working with mild steel, stainless steel, aluminium, or flux-cored wire, our machine has got you covered, saving you valuable time and effort without sacrificing quality.

HD Backlit Interface
This next-generation interface panel is bright and easy to read in any environment.

4 Geared Wire Drive
The most consistent and smoothest wire-feeding experience there is. With a four geared wire drive unit, there's more power pushing the wire, improving the wire feeding, especially in longer torches.

Digital Control MIG Torch
Our digital MIG torch allows you to adjust your settings on the fly. No more hassle of constantly adjusting your settings on a separate control panel. With our leading technology, you can easily fine-tune the amps, current and voltage at the touch of a torch button.

Accessories
Ready for any kind of welding you've got planned, connect a complete range of MIG, TIG or MMA accessories to your welder.
Spool Gun: Make welding aluminium even easier. No need to change your existing setup. The spool gun lets you quickly switch over and get any job done with no downtime.
Push-Pull Gun: Achieve smooth and steady wire feeding, especially when using softer wires such as aluminium. With a 'Pull' motor built into the torch, the wire can be fed over a greater distance, granting you the freedom to move and manoeuvre with ease while MIG welding.
Tig Torch: The Trigger Controlled DC Lift Arc ignition allows the arc to be started easily in DC TIG by simply touching the tungsten to the workpiece and lifting it up to start the arc. This stops the tungsten tip sticking to the workpiece and breaking the tip from the tungsten electrode.

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Inverter Technology
Not every inverter is made equal. With UNIMIG's ever-evolving, state-of-the-art IGBT Inverter technology, you get better performance, better efficiency, and better reliability.

Smart Fan
Smart Fan diminishes noise, saves power, helps reduce energy costs, and minimises the number of contaminants being pulled through the machine.

IP23S
Rated IP23S, so it's protected from touch by fingers and objects greater than 12mm, and water spray less than 60° from vertical while still.

Advanced MMA Features
Advanced MMA features are designed for improving weld quality and ease of use.
Arc Force: The Arc Force feature helps to keep the arc stabilised throughout the weld, by increasing or decreasing the peak current to compensate for your arc length, preventing the arc from cutting out or the electrode from sticking.
Anti-Stick: The Anti Stick feature, which is always on, prevents your electrode from sticking to your workpiece. When the machine detects sticking, the current will drop significantly, so the electrode can be removed.

Additional Features
Separate Wire Feeder: Get the ultimate flexibility. The addition of a separate wire feeder means you can detach the wire feeder from the main power source, giving you an extra 10m of manoeuvrability.
Job Memory: The job memory function allows you to enter and store weld parameter settings. Weld parameters can be further adjusted and stored as required. A total of 10 jobs can be memorised and stored for recall.
Large Wire Spool Capacity: Fits both D200 and D300 wire spools, so you can put 15kg mild steel or 7kg aluminium spools in the machine.
Generator Compatible: Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 40kVA for this machine.

Includes

- RAZOR SWF 500 Water-Cooled Welder
- 4m M580 Digital Water-Cooled MIG Torch
- 4m Twist Lock Electrode Holder
- 4m 500A Earth Clamp & Lead
- Twin Gauge Argon Regulator
- 1.8m Quick-Connect Gas Hose
- Operating Manual
- 2 x 0.8-0.9mm V Groove Rollers
- 2 x 1.0-1.2mm V Groove Rollers
- 2 x 0.8-0.9mm F Groove Rollers
- 2 x 1.0-1.2mm F Groove Rollers
- 4 x 1.0-1.2mm U Groove Rollers

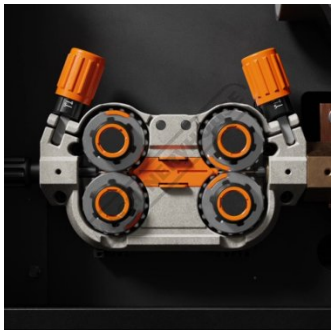
Specific Features


Front View


Left View



HD Backlit Interface


4 Geared Wire Drive

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Recommended Accessories

W501B
M580W MIG Torch Consumables Starter Kit



W5013A
1.0mm Unimig M350/M580W Style Contact Tips - Aluminium



W5014A
1.2mm Unimig M350/M580W Style Contact Tips - Aluminium



W5011
0.8mm Unimig M350/M580W Style Contact Tips - Steel



W5012
0.9mm Unimig M350/M580W Style Contact Tips - Steel



W5013
1.0mm Unimig M350/M580W Style Contact Tips - Steel



W5014
1.2mm Unimig M350/M580W Style Contact Tips - Steel



W5016
Unimig M580W Style Conical Insulated Gas Nozzles



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W5018
Unimig M580W Style Tip Adapter



W5019
Unimig M580W Style Tip Adapter Insulator



W10362
Magnetic MIG Torch Rest



W10361
Magnetic TIG Torch Rest



W119
Anti-Spatter Spray



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



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Product Brochure For W2531C

O0171
Argon Gas Regulator



W160A
Argon Gas Regulator-Twin Gauge



W161
Argon Gas Regulator-Bobbin Flowmeter



W001
Auto Darken Welding Helmet - 9~13 Shade



W002
Auto Darken Welding Helmet - 9~13 Shade



W1000A
Promax HV5 Welding Jacket



W1001A
Promax Blue FR Welding Jacket



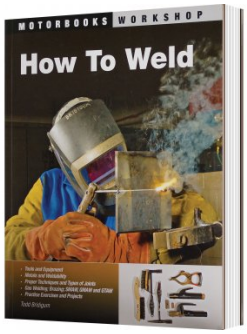
W1002A
Professional Promax BL7 Welding Jacket



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
How to Weld Book



W225
Welding Curtain



W135
Ø0.9mm Mild Steel MIG Welding Wire



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Product Brochure For W2531C

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



W125
Ø1.6mm TIG Filler Rod - Mild Steel



W126
Ø2.4mm TIG Filler Rod - Mild Steel



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Product Brochure For W2531C

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

