

Product Brochure For W2531B

MIG/TIG/STICK WELDER - RAZOR 500 SWF

SKU: U11214

50-500 Amps Welding Current Range



Ex GST	Inc GST
\$5,908.18	\$6,499.00

ORDER CODE:	W2531B
MODEL:	RAZOR 500 SWF
Type:	MIG / TIG / STICK & Multifunction Welder
Part Number:	U11214
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):	91.2



Description

Superior performance even in the harshest conditions, this powerful 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 Welder
- 3m M350 Digital 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



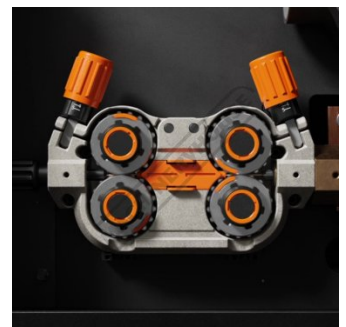
Front View



Left View



HD Backlit Interface



4 Geared Wire Drive

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Recommended Accessories

W501A

M350 MIG Torch Consumables Starter Kit



W5013A

M350/M580W 1.0mm Contact Tips - Aluminium



W5014A

M350/M580W 1.2mm Contact Tips - Aluminium



W5011

M350/M580W 0.8mm Contact Tips - Steel



W5012

M350/M580W 0.9mm Contact Tips - Steel



W5013

M350/M580W 1.0mm Contact Tips - Steel



W5014

M350/M580W 1.2mm Contact Tips - Steel



W5015

M350 Conical Insulated Gas Nozzles



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W5017

M350 Tip Adapter



W10362

Magnetic MIG Torch Rest



W10361

Magnetic TIG Torch Rest



W119

Anti-Spatter Spray



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



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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



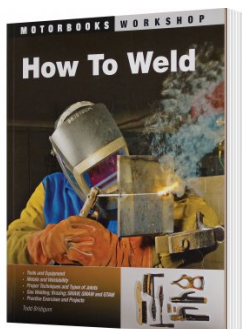
W100

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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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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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

