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Product Brochure For W194

MIG/TIG/STICK WELDER - RAZOR™ 200 PULSE

SINGLE & DOUBLE PULSE MIG
40-200 Amps MIG
5-200 Amps TIG

Ex GST	Inc GST
$2,453.64	$2,699.00



ORDER CODE:	W194
MODEL:	RAZOR 200 PULSE
Type:	MIG / TIG / STICK & Multifunction Welder
Part Number:	U11003K
Voltage (V):	240
Recommended Plug Amperage (amp):	15
Welding Current Range - MIG (amp):	40 - 200
Welding Current Range - STICK (amp):	20 - 180
Welding Current Range - TIG (amp):	5 - 200
Duty Cycle (% @ amp):	15 @ 200 MIG & 15 @ 180 TIG
Wire Spool Size (kg):	1 / 5
Ferrous Wire Size - Range (mm):	0.6 - 1.2
Stainless Steel Wire Size - Range (mm):	0.6 - 1.2
Aluminium Wire Size - Range (mm):	0.6 - 1.2
MMA Rod Size (mm):	~
Wire Feeding Speed (m/min):	~
Recommended Generator (KVA):	11.0 Minimum
Dimensions (mm):	605 x 230 x 400
Nett Weight (kg):	17

UNIMIG

3 YEAR WARRANTY

16A PLUG 240V

Description

The RAZOR 250 is a new inverter-based portable MIG welding machine with added MMA and TIG function. The MIG function allows you to weld with both Gas Shielded and Gasless wire applications. Easy stepless adjustment of voltage and wire feed make for easy setting of welding parameters giving excellent, professional welding results.

Wire inch gives easy feeding of the wire during set up without gas wastage and the Burn Back adjustment leaves the wire out ready for the next weld. MMA welding capability delivers easy electrode welding with high quality results, including cast Iron, stainless and low hydrogen. Connection of the 26V TIG torch provides quality DC TIG with Lift Arc start for welding of steel, stainless steel and copper. An additional feature is the Spoolgun ready function that allows the simple connection of the SPG200II Spoolgun for the use of thin or softer wires that don’t have the column strength to feed through standard MIG torches, such as aluminium wire.

This an industrial machine that is lightweight and portable, an optional trolley with tool drawer and cylinder rack provides off the floor operation and better manoeuvrability around the workshop. Being 240v single phase gives great portability. Ideal for general engineers, maintenance workshop and rural workshop. Designed and built to our specification. Certified to - AS/NZ60974-1

Features

- Single & Double Pulse MIG
- Pulse welding reduces the heat and minimises spatter, without compromising penetration, so its perfect for thin and soft materials like aluminium.
- A single pulse weld alternates between a peak current and a background current. Double pulse welding works the same way, but with a second background current to add even more control over the arc.
- Reduced heat input, so you can weld thinner than standard MIG, perfect for aluminium
- Weld faster than a TIG weld, but with the same aesthetic appearance of TIG
- Spatter free welding, cutting your clean-up time to nothing
- Great penetration even with lower heat
- 5” LCD Touch Screen Display
- Choosing your weld parameters or changing your settings mid weld has never been easier. The large touch screen display is clear, with an easy to navigate interface. You won’t even need a manual to work it out.
- Over 100+ Synergic Programs
- With over 100 preset synergic programs, setting up for a weld has never been faster. Just select your metal, wire size, and gas, and you’re good to go.
- Hot Start and Crater Fill
- Hot Start gives you a boost in current at the start of your weld, eliminating issues with starting on cold metal, and makes welding on thicker materials and aluminium easier.
- Crater Fill ramps your welding current and voltage down at the end of a weld, so you can fill in the end of a weld at a lower power,

eliminating craters and pinholes.
- Crater Fill and Hot Start functions on MIG, TIG and STICK mean your welds start strong and end just as strong.
- 4 Geared Wire Drive
- With four geared wire drive rollers, you will get a more consistent and smoother wire feeding experience.
- The internal housing also features storage space for additional rollers, so they're always in reach. It also comes with an internal spool light, for max visibility in any lighting.
- High Frequency DC TIG
- You can maintain complete control over your TIG welds with the RAZOR 200 PULSE. The high frequency DC TIG welding mode comes with a full set of adjustable parameters, like pre- and post-flow, up and down slopes, as well as all things pulse. Everything you need, right at your fingertips.
- STICK (MMA)
- You'll be able to STICK weld anything, including cellulosic electrodes, plus with the addition of Anti Stick, you'll never struggle to strike an arc again.
- The Arc Force function helps to keep the arc stabilised throughout the weld, so it won't cut out, and stops the electrode from sticking.
- Power Limit works to keep the amperage constant throughout the weld by preventing the voltage from exceeding the set value.
- GLICK Heat Control
- When using the GLICK function, set a base current, which you can switch to at any time during a weld by pressing the trigger button. GLICK is great for manual heat input control as you go.
- Job Memory (100 Jobs)
- Save your favourite weld settings with the jobs function.
- Digital Control Torch
- Adjust your amps, current and voltage right on the MIG torch itself. Plus, if you plug in a TIG torch, pressing the trigger will automatically switch you to the TIG screen and vice versa.
- 2T / 4T / SPOT
- Choose between two-touch, four-touch and spot modes to maximise operator comfort on every weld.
- Adjustable Arc Length
- Increase or decrease your arc length while in the synergic and pulse MIG modes to suit your weld style.
- Inductance Control
- Change the frequency of your short circuit MIG welds with the Inductance settings, so you can choose your preferred arc characteristics.
- Generator Compatible
- Going off the grid? The RAZOR 200 PULSE can be connected to a generator, we recommend one with an 11kVA rating.

Includes

- RAZOR™ 200 PULSE MIG/TIG/STICK Welder
- 3m DM26 Digital MIG Torch fitted with a carbon-polyamide liner
- 3m Twist Lock Electrode Holder
- 3m 300 Amp Earth Clamp & Lead
- Twin Gauge Argon Regulator
- 1.8m Gas Hose Complete with fittings
- Operating Manual
- 2kg 1.2mm 5356 HYPERARC Aluminium Wire
- DM26 Consumable Starter Kit

Specific Features



Front View



Right View



Left View

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Recommended Accessories

W241
Universal Welder Trolley



W2415
TRI-CART Multi-Machine Welding Trolley



W171F
Air Cooled Arc Torchology® TIG Welding Torch



W10362
Magnetic MIG Torch Rest



W10361
Magnetic TIG Torch Rest



O300
Gas Refillable Cylinder



O304
Gas Refillable Cylinder



O3045
Gas Refillable Cylinder



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O302
Gas Refillable Cylinder



O306
Gas Refillable Cylinder



O3065
Gas Refillable Cylinder



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



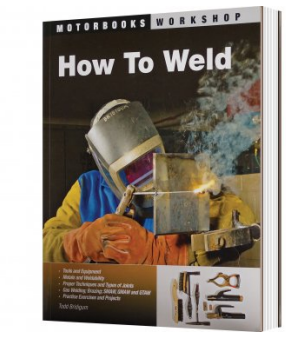
W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



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Product Brochure For W194

L3456
How to Weld Book



W225
Welding Curtain



W138A
Ø0.6mm Mild Steel MIG Welding Wire



W140A
Ø0.8mm Mild Steel MIG Welding Wire



W142
Ø0.9mm Mild Steel MIG Welding Wire



W145B
Ø0.8mm Gasless Mild Steel MIG Welding Wire



W145
Ø0.9mm Gasless Mild Steel MIG Welding Wire



W143
Ø1.0mm Aluminium MIG Welding Wire



W144
Ø1.2mm Aluminium MIG Welding Wire



W125
Ø1.6mm TIG Filler Rod - Mild Steel



W126
Ø2.4mm TIG Filler Rod - Mild Steel



W127
Ø1.6mm TIG Filler Rod - Stainless Steel



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Product Brochure For W194

W128
Ø2.4mm TIG Filler Rod - Stainless Steel



W2021
HYPERARC™ 6013 GENERAL PURPOSE



W546
0.6mm Binzel Style M6x8mm Contact Tips - Steel



W548
0.8mm Binzel Style M6x8mm Contact Tips - Steel



W549
0.9mm Binzel Style M6x8mm Contact Tips - Steel



W549A
0.9mm Binzel Style M6x8mm Contact Tips - Aluminium



W550
1.0mm Binzel Style M6x8mm Contact Tips - Steel



W550A
1.0mm Binzel Style M6x8mm Contact Tips - Aluminium



W552
1.2mm Binzel Style M6x8mm Contact Tips - Steel



W552A
1.2mm Binzel Style M6x8mm Contact Tips - Aluminium



W539
Binzel Style 0.6-0.8mm Blue Steel Torch Liner

W538
Binzel Style 0.9-1.2mm Red Steel Torch Liner

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W567
Binzel Style 0.9-1.2mm Red Aluminium Torch Liner



W08450
FIXTURE TABLE



W08455
Welding Table



W08500
40pc Square & Round Welding Table Clamp Kit



W08510
Weld Clamps with Locking Nuts (2 Piece Pack)



C103
228mm Muliti-Purpose Locking Clamp



W08512
Weld Clamps with Locking Nuts (2 Piece Pack)



W08515
38mm x M12 Multi-Purpose Riser/Stops (Spigot Type) - 4pc Pack



V099
90 degree Angle Vice Clamp



V100
90 degree Angle Vice Clamp

