

Product Brochure For K84502

MIG/TIG/STICK Welder - RAZOR PULSE 200

Supplied to School Specifications
 NSW DOE Item 41A

Please Call



ORDER CODE:	K84502
NSW DOE Item No.:	41A
QLD DOE Item No.:	~
MODEL:	RAZOR PULSE 200
Voltage (V):	240
Welding Current (amp):	40-200 MIG
Recommended Plug Amperage (amp):	15
MIG Duty Cycle @ 40°C ((% @ amp)):	15% @ 200
TIG Duty Cycle @ 40°C ((% @ amp)):	20% @ 200
MMA Duty Cycle @ 40°C ((% @ amp)):	15% @ 180
Mig Wire Size Range (mm):	0.6 - 1.2
Wire Spool Size (kg):	5 & 15
Dimensions (mm):	605 x 230 x 400
Nett Weight (kg):	17



Description

The all-new RAZOR 200 PULSE has arrived. As our latest innovation in pulse MIG, this machine comes filled with revolutionary technology across the board. Whether it's MIG, pulse MIG, double pulse MIG, High Frequency TIG, pulse TIG or STICK – you name it, the RAZOR 200 PULSE can handle it. Get everything pulse MIG has to offer on a 15 amp plug.

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 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

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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.

Features

- MIG, pulse MIG, double pulse MIG, High Frequency TIG, pulse TIG or STICK
- Accepts 5kg & 15kg Mig Wire Spool Sizes
- Thermal overload protection
- 15 Amp plug - Connect to a 15 Amp outlet
- Complies to AS/NZS 60974.1 standards
- UNIMIG is pleased to offer a 3-year warranty on the RAZOR 200 PULSE

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
- Earth Lug (For Earth Continuity)
- Mig Pliers / Wire Cutters
- Professional Leather welding Gloves
- 0.9mm ER70S-6 Mild Steel MIG Wire 5Kgs

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Specific Features



Front View



Left View



Full Kit



Mild Steel 5kg



MIG Pliers



Professional Leather Welding Gloves

Recommended Accessories

W496

SB24 Mig Torch Consumable Pack



W10362

Magnetic MIG Torch Rest



W10361

Magnetic TIG Torch Rest



W563

MIG Torch - 3 Metre



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W181C
 Spool Gun - Light Duty



W181D
 Spool Gun



W171D
 Air Cooled TIG Welding Torch



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



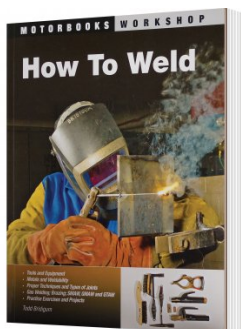
W1002A
 Professional Promax BL7 Welding Jacket



W100
 ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
 How to Weld Book



W225
 Welding Curtain



W138A
 Ø0.6mm Mild Steel MIG Welding Wire



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W140A
 Ø0.8mm Mild Steel MIG
 Welding Wire



W142
 Ø0.9mm Mild Steel MIG
 Welding Wire



W136
 Ø0.8mm Mild Steel MIG
 Welding Wire



W135
 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



W2021
 HYPERARC™ 6013 GENERAL
 PURPOSE



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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W128
 Ø2.4mm TIG Filler Rod -
 Stainless Steel



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



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



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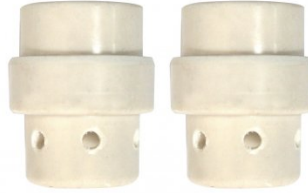
W555
 2 x Conical Nozzles



W557
 2 Contact Tip Holders



W556
 2 x Gas Diffusers



W558
 Swan Neck Assembly



W08450
 FIXTURE TABLE



W08500
 40pc Square & Round Welding
 Table Clamp Kit



W08510
 Weld Clamps with Locking Nuts
 (2 Piece Pack)



C103
 228mm Multi-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

