

Product Brochure For K8439

RAZOR 205SS MTS DC INVERTER - Multi-Function Welder-MIG/TIG/MMA - NSW Schools / TAFE

30-200A

NSW Contract Item No.46B Alternative



ORDER CODE:	K8439
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	NSW School / TAFE & RAZOR™ 205SS MTS
Voltage (V):	240
Welding Current (amp):	10-200
Recommended Plug Amperage (amp):	15
MIG Duty Cycle @ 40°C ((% @ amp)):	20% @ 200 Amps
TIG Duty Cycle @ 40°C ((% @ amp)):	~
MMA Duty Cycle @ 40°C ((% @ amp)):	~
Mig Wire Size Range (mm):	0.6 - 0.9
Wire Spool Size (kg):	1 & 5
Dimensions (mm):	470 x 190 x 380
Nett Weight (kg):	12.5



Description

We for many years have been working in close consultation with education departments to ensure the most suitable equipment is provided to our schools and TAFE, not only does it comply with the departments stringent safety requirements but is built to last the distance. That's why we consider our company to be a specialist when it comes to supplying quality Wood Work and Metal Working Machinery for Public or Private Schools, TAFE Colleges and Trade Training Centres in all states of Australia.

The Razorweld Series MIG205-SS is a new inverter-based portable MIG/MMA/TIG Welding machine with Synergic Programs for 0.8mm and 0.9mm solid welding wires. The MIG function allows you to weld with both Gas Shielded and Gasless wire applications giving excellent, professional welding results. Easy step-less adjustment of voltage and wire feed coupled with integrated digital meters allows easy setting of welding parameters. The MIG 205SS features Smart set welding with four Synergic Mild Steel welding programs designed for ease of use with your selected gas mixture. The operator selects the gas mixture and wire diameter they are using then simply start welding. Once this is done the operator can make fine adjustments to the voltage for even greater control of the weld pool.

The added Lift-Arc DC TIG capability delivers perfect arc ignition every time and a remarkably smooth stable arc produces high quality TIG welds. TIG functionality includes adjustable Down Slope & Post Gas as well as being gas solenoid-valve equipped. The stick welding (MMA) capability delivers easy electrode welding with high quality results, including cast iron, stainless and low hydrogen. An additional feature is the Spool gun ready function that allows the simple connection of the SPGRW200II Spool Gun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminum wire. This is an industrial quality machine that is extremely lightweight and portable. Being 240v single phase gives great versatility. Ideal for general engineers, maintenance workshop, rural workshop, panel beaters and home workshop. Designed and built to our specification. Certified to - AS/NZ60974.1

Features

- Latest 40 KHz IGBT inverter technology
- MIG/MAG with Gas and Gasless wire function
- Smart Set Synergic programs for 0.8 / 0.9 Mild Steel
- Soft Start - Self Adaptive Crater Fill
- Wire Inch
- MMA function (Stick electrode)
- VRD (Voltage Reduction Device)
- Hot start (improves electrode starting)
- Adjustable Arc Force

DC TIG

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- Lift Arc ignition (prevents tungsten sticking during arc ignition)
- 2T 4T Trigger Control
- Adjustable Downslope
- Internal wire feeder, gear driven for up to 200mm Ø spool
- Euro style MIG & TIG torch connection
- IP21S rating for environmental/safety protection
- Tolerant to variable power supply
- Spool Gun Connection

Includes

- SB25 MIG Torch x 4m with Euro connector
- 4M ARC lead set
- Argon Regulator
- Gas Hose with Fittings
- UMRWXWH Auto Welding Helmet
- UMWG1L Professional Leather Welding Gloves
- UMMP Mig Pliers / Wire Cutters
- 5kg Mig Wire 0.8
- PCT0009-08 Tips Pkt 5

Optional Accessories

- T2 Tig Torch (W171C)

Specific Features



Front View



Right View



Complete Package



4 Welding Mode



UMRWXWH Auto Welding Helmet



UMWG1L Professional Leather Welding Gloves

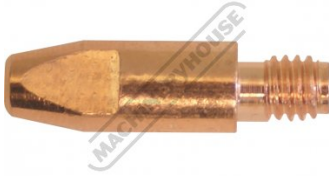


5kg Mig Wire



UMMP Mig Plier & Wire Cutter

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Pkt 10 Tips PCT0009 09

Recommended Accessories

W10362
 Magnetic MIG Torch Rest

W10361
 Magnetic TIG Torch Rest

W241
 Universal Welder Trolley

W559
 MIG Torch - 4 Metre



W559A
 MIG Torch - 3 Metre

W171C
 Air Cooled Arc Torchology® TIG
 Welding Torch

W181C
 Spool Gun - Light Duty

W181D
 Spool Gun



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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



O0171

Argon Gas Regulator



W160A

Argon Gas Regulator-Twin Gauge



W161

Argon Gas Regulator-Bobbin Flowmeter



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W001

Auto Darken Welding Helmet -
 9-13 Shade



W002

Auto Darken Welding Helmet -
 9-13 Shade



W101

TIG Welding Gloves - 310mm



W100

ROGUE™ Heavy Duty Welding
 Gloves - 400mm



W1000A

Promax HV5 Welding Jacket



W1001A

Promax Blue FR Welding Jacket



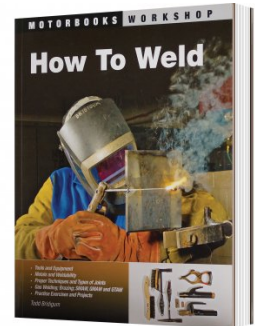
W1002A

Professional Promax BL7
 Welding Jacket



L3456

How to Weld Book



W225

Welding Curtain



W138

Ø0.6mm Mild Steel MIG
 Welding Wire



W138A

Ø0.6mm Mild Steel MIG
 Welding Wire



W140

Ø0.8mm 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



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



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



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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



W560
 2 x Conical Nozzles



W562
 2 x Contact Tip Holders



W562A
 Swan Neck Assembly

