

Product Brochure For K84507

## 180 Amp STICK & DC TIG Welder - RAZOR ARC 180

Supplied to School Specifications  
 NSW DOE Item 42A

### Please Call



ORDER CODE:	K84507
NSW DOE Item No.:	42A
QLD DOE Item No.:	-
MODEL:	NSW Schools / TAFE & RAZOR™ ARC 180
Voltage (V / amp):	240 / 15
Rated Duty Cycle In 10 Min (TIG) 40°C (% @ amp):	50% @ 180
Rated Duty Cycle In 10 Min (MMA) 40°C (% @ amp):	20% @ 180
Rated Output Current (amp):	10 - 180
Weldable Stick Electrode (mm):	4
Hot Start:	Yes
Anti Sticking:	Yes
Arc Force:	Yes
TIG Ignition:	Lift Arc
Dimensions (mm):	313 x 130 x 250
Nett Weight (kg):	4.7



### Description

This powerful, professional STICK (MMA) welding machine is built for both the worksite and workshop. It's loaded with advanced features like hot start, arc force, and anti-stick for optimal performance. Plus, its DC Lift Arc TIG capability adds versatility to tackle a variety of welding tasks.

#### HD Backlit Interface

This next generation interface panel is bright and easy to read in any environment.

#### DC Lift Arc TIG

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.

#### Smart Fan

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

#### Advanced MMA Features

The RAZOR ARC 180 features Anti-Stick technology, as well as adjustable Arc Force and Hot Start functionality. These features are designed for improving weld quality and ease of use.

#### Generator Compatible

Going off the grid? The RAZOR ARC 180 can be connected to a generator, we recommend one with an 10kVA rating.

#### Lightweight & Portable

Weighing just 5.8kg, the RAZOR ARC 180 is ready to go anywhere you need it.

### Features

- 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 5-year warranty on the RAZOR ARC 180

### Includes

- RAZOR ARC 180 PFC Welder

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- 4m Twist Lock Electrode Holder
- 4m 300 Amp Earth Clamp & Lead
- Operating Manual
- Chipping Hammer
- Professional Leather Welding Gloves

**Optional Accessories**

- Argon Gas Regulator with Bobbin Flowmeter
- 17V TIG Welding Torch

**Specific Features**



Front View



Full Kit



Professional Leather Welding Gloves



Chipping Hammer

**Recommended Accessories**

W10361

Magnetic TIG Torch Rest



W241

Universal Welder Trolley



W170

Air Cooled TIG Welding Torch



W119

Anti-Spatter Spray



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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



W161

Argon Gas Regulator-Bobbin Flowmeter



W160A

Argon Gas Regulator-Twin Gauge



W590

1.6mm Tig Tungsten Electrode - Zirconiated White



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**W596**

2.4mm Tig Tungsten Electrode - Zirconiated White



**W597**

1.6mm Tig Tungsten Electrode - Ceriated Grey



**W598**

2.4mm Tig Tungsten Electrode - Ceriated Grey



**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



**W101**

TIG Welding Gloves - 310mm



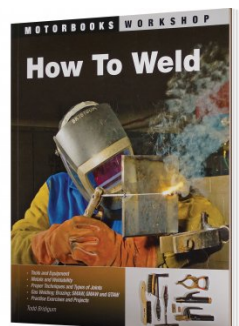
**W100**

ROGUE™ Heavy Duty Welding Gloves - 400mm



**L3456**

How to Weld Book



**W225**

Welding Curtain



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**W125**

Ø1.6mm TIG Filler Rod - Mild Steel



**W126**

Ø2.4mm TIG Filler Rod - Mild Steel



**W127**

Ø1.6mm TIG Filler Rod - Stainless Steel



**W128**

Ø2.4mm TIG Filler Rod - Stainless Steel

