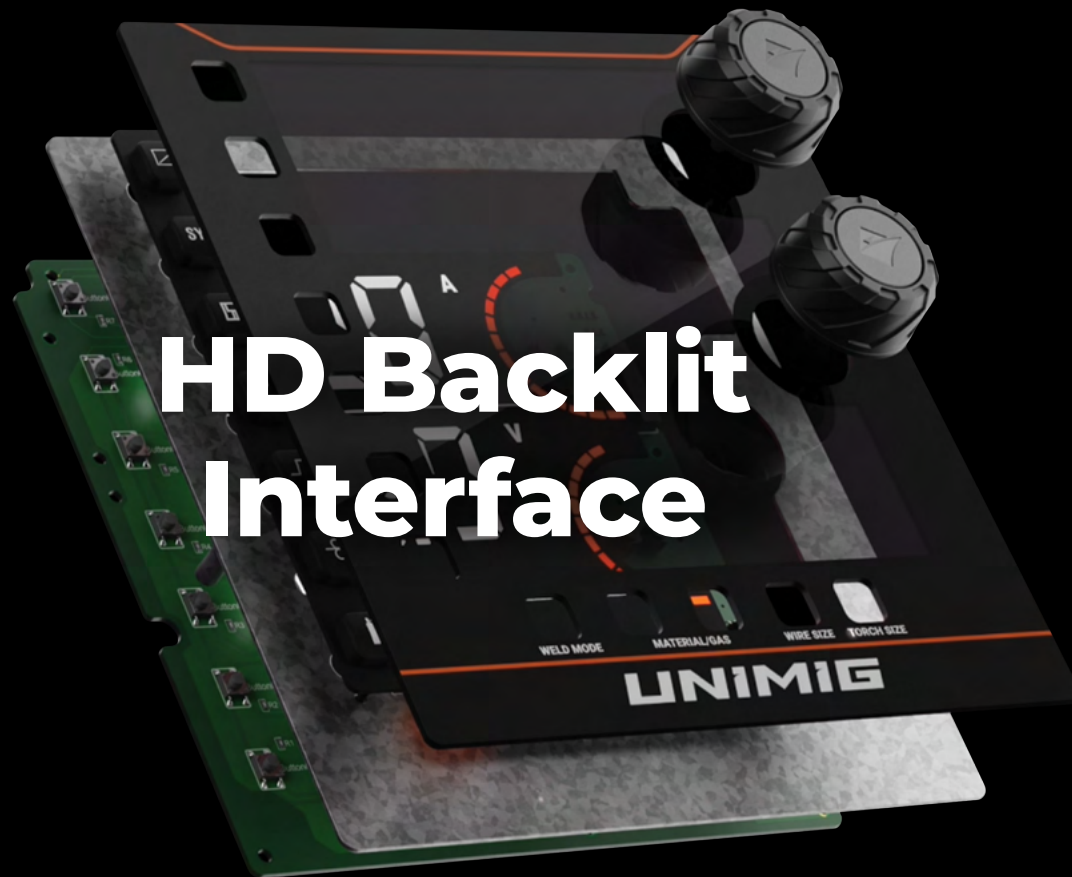


# **UNIMIG** **RAZOR**




**THREE-PHASE**  
**RANGE OVERVIEW**



# HD Backlit Interface

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



# Smart Fan Technology

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

# RAZOR SWF 350



**MIG**

**LIFT ARC  
DC TIG**

**STICK**

**5 YEAR  
WARRANTY**

## **Gas & Gasless MIG**

Our welding machine supports both gas-shielded and gasless MIG wire, allowing you to 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.

## **Trigger Controlled DC Lift Arc TIG**

With Trigger Controlled DC Lift Arc ignition, starting your welding projects has never been easier. Our Lift Arc TIG technology ensures your tungsten tip won't stick to the workpiece, preventing costly tip breakages.

## **Push-Pull Gun Ready**

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.

## **Spool Gun Ready**

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.

## **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.

## **Advanced MMA Features**

The RAZOR SWF 350 features adjustable Arc Force and Anti-Stick functionality. These features are designed for improving weld quality and ease of use.

## **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.

## 🌀 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.



## 🔧 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.

## 🔥 Multi-Process Welding

Get the job done quickly and efficiently with our versatile three-in-one welding machine. With the ability to perform MIG, TIG and STICK welding all in one unit, you can save valuable time and effort without sacrificing quality.



## Specifications

SKU	U11203
Primary Input Voltage	415V Three-Phase
Supply Plug	Unplugged (32A Recommended)
No Load Voltage (V)	75
Minimum Generator (kVA)	23

Standard	AS 60974.1
MIG Duty Cycle @ 40°C	50% @ 350A, 60% @ 319A, 100% @ 247A
TIG Duty Cycle @ 40°C	50% @ 350A, 60% @ 319A, 100% @ 247A

Dimensions (mm)	1520x520x980
Weight (kg)	88.41
Package Dimensions (cm)	196x55x116
Package Weight (kg)	167

# RAZOR SWF500



**MIG**

**LIFT ARC  
DC TIG**

**STICK**

**5 YEAR  
WARRANTY**

## **Gas & Gasless MIG**

Our welding machine supports both gas-shielded and gasless MIG wire, allowing you to 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.

## **Trigger Controlled DC Lift Arc TIG**

With Trigger Controlled DC Lift Arc ignition, starting your welding projects has never been easier. Our Lift Arc TIG technology ensures your tungsten tip won't stick to the workpiece, preventing costly tip breakages.

## **Push-Pull Gun Ready**

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.

## **Spool Gun Ready**

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.

## **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.

## **Advanced MMA Features**

The RAZOR SWF 500 features adjustable Arc Force and Anti-Stick functionality. These features are designed for improving weld quality and ease of use.

## **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.

## 🌀 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.



## 🔧 Digital Control MIG Torch

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## 🔥 Multi-Process Welding

Get the job done quickly and efficiently with our versatile three-in-one welding machine. With the ability to perform MIG, TIG and STICK welding all in one unit, you can save valuable time and effort without sacrificing quality.



## Specifications

<b>SKU</b>	U11214 (Air) / U11234 (Water)
<b>Primary Input Voltage</b>	415V Three-Phase
<b>Supply Plug</b>	Unplugged (32A Recommended)
<b>No Load Voltage (V)</b>	82
<b>Minimum Generator (kVA)</b>	40

<b>Standard</b>	AS 60974.1
<b>MIG Duty Cycle @ 40°C</b>	40% @ 500A, 60% @ 408A, 100% @ 316A
<b>TIG Duty Cycle @ 40°C</b>	40% @ 500A, 60% @ 408A, 100% @ 316A

<b>Dimensions (mm)</b>	1520x520x980
<b>Weight (kg)</b>	91.2 (Air) / 94.65 (Water)
<b>Package Dimensions (cm)</b>	196x55x116
<b>Package Weight (kg)</b>	176 (Air) / 183 (Water)

# RAZOR COMPACT 350



**MIG**

**LIFT ARC  
DC TIG**

**STICK**

**5 YEAR  
WARRANTY**

## **Gas & Gasless MIG**

Our welding machine supports both gas-shielded and gasless MIG wire, allowing you to 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.

## **Trigger Controlled DC Lift Arc TIG**

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## **Push-Pull Gun Ready**

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.

## **Spool Gun Ready**

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.

## **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.

## **Advanced MMA Features**

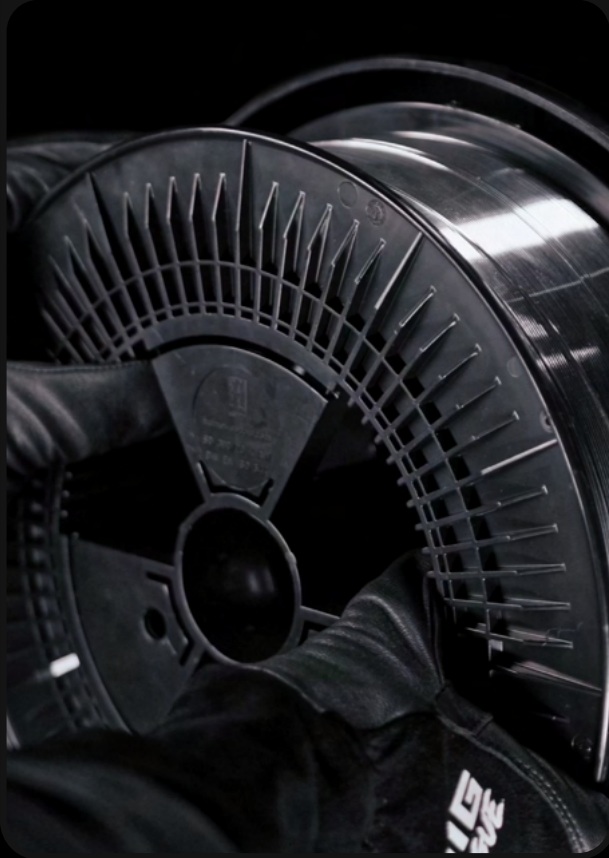
The RAZOR SWF 350 features adjustable Arc Force and Anti-Stick functionality. These features are designed for improving weld quality and ease of use.

## **Generator Compatible**

Minimum 20kVA recommended.

## 🌀 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.



## 🔧 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.

## 🔥 Multi-Process Welding

Get the job done quickly and efficiently with our versatile three-in-one welding machine. With the ability to perform MIG, TIG and STICK welding all in one unit, you can save valuable time and effort without sacrificing quality.



## Specifications

SKU	U11218
Primary Input Voltage	415V Three-Phase
Supply Plug	Unplugged (32A Recommended)
No Load Voltage (V)	80
Minimum Generator (kVA)	20

Standard	AS 60974.1
MIG Duty Cycle @ 40°C	40% @ 350A, 60% @ 285A, 100% @ 221A
TIG Duty Cycle @ 40°C	40% @ 350A, 60% @ 285A, 100% @ 221A

Dimensions (mm)	977x480x753
Weight (kg)	45.1
Package Dimensions (cm)	100x53x96
Package Weight (kg)	86.75

# RAZOR TIG 330 AC/DC



HIGH FREQUENCY  
**AC/DC TIG** **STICK**

**5 YEAR**  
WARRANTY

## **Foot Control Ready**

Enjoy greater control and precision with our optional foot control accessory. This handy feature allows you to easily adjust your TIG amperage on the fly, without interrupting your torch movement. Wireless and wired options available.

## **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 40 jobs can be memorised and stored for recall.

## **Advanced MMA Features**

The RAZOR TIG 330 AC/DC features adjustable Arc Force and Hot Start functionality. These features are designed for improving weld quality and ease of use.

## **Multiple AC Waveforms**

Completely customise your aluminium welds. Switch between Sine, Square, and Triangle waves to change the arc characteristics, bead profile, and penetration to suit your weld.

## **AC/DC**

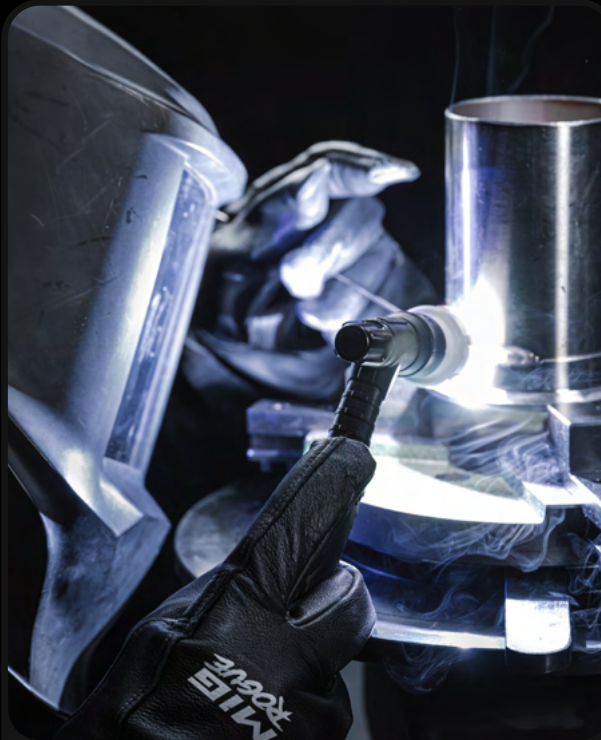
Weld every kind of metal. With the ability to run on an Alternating Current, you're able to weld aluminium as effortlessly as mild and stainless steels.

RECOMMENDED ACCESSORY:  
**WATER COOLER**



## Pulse TIG

Minimise the heat input without compromising on any of the penetration. Alternating between a peak and base current reduces the amount of heat input and focuses the arc, perfect for sheet metals and out-of-position welding.



## High-Frequency TIG

Maximise your results from start to finish. A high-frequency torch can start an arc without contacting the workpiece, reducing the risk of contaminating the tungsten or the weld. It also means you get access to the entire TIG weld cycle, including pre- and post-gas and up and down slope parameters.

## Mixed AC/DC

Experience the best of both worlds. Mixed AC/DC combines the efficiency of AC and the penetration of DC-TIG in one weld. With it, you get faster welding speeds, better penetration, a faster weld puddle on cold workpieces, and you can weld on thicker materials.



## Specifications

SKU	U11021
Primary Input Voltage	415V Three-Phase
Supply Plug	Unplugged (32A Recommended)
No Load Voltage (V)	71
Insulation Class	H

Minimum Generator (kVA)	20
Standard	AS 60974.1
TIG Duty Cycle @ 40°C	30% @ 330A, 60% @ 233A, 100% @ 181A
Dimensions (mm)	568x230x416

Weight (kg)	23.8
Package Dimensions (cm)	68.2x32.2x57.5
Package Weight (kg)	36.5

# RAZOR CUT80



**PLASMA**

**5 YEAR  
WARRANTY**

## **2T/4T Trigger Modes**

Designed for user preference and comfort, adjustable trigger modes allow you to either hold the trigger down through the cut, or use the trigger as a on/off switch by pulling to start and pulling to stop.

## **IP23S Rating**

Rated IP23S, so it's protected from touch by fingers and objects greater than 12mm, and water spray less than 60° from vertical.

## **Air Test**

The Air Test feature lets you to test the air pressure before proceeding with cutting, to easily check you've set the optimal parameters.

**RECOMMENDED ACCESSORY:  
AIR COMPRESSOR**



## CNC Connectivity

The CNC connection lets you plug in a CNC torch and run it on a CNC table, so you can choose how you use it.



## Pilot Arc Start

Pilot Arc Start lets you start the arc before contacting the workpiece. This gives you better control of the torch, especially on materials with uneven or curved surfaces.

## Perforated Cut Mode

Now you can cut perforated metal without having to restart the arc between gaps. Simply shift into perforated cutting mode and slice through perforated metal with ease.



## Specifications

<b>SKU</b>	U11023
<b>Primary Input Voltage</b>	415V Three-Phase
<b>Supply Plug</b>	Unplugged (20A Recommended)
<b>No Load Voltage (V)</b>	325

<b>Minimum Generator (kVA)</b>	18
<b>Standard</b>	AS 60974.1
<b>Plasma Cut Duty Cycle @ 40°C</b>	40% @ 80A, 60% @ 66A, 100% @ 51A

<b>Dimensions (mm)</b>	626x230x416mm
<b>Package Dimensions (cm)</b>	81.2x32.2x51
<b>Package Weight (kg)</b>	29



## W20 WATER COOLER

- The perfect accessory, the W20 Water Cooler helps maximise your welding performance.
- Weld at higher amperages and for longer periods of time without overheating
- Extend the life of the torch consumables when combined with a water-cooled torch
- The Flow & Temperature monitors keep the coolant flowing without overheating for smooth operation

<b>SKU</b>	U11022
<b>Primary Input Voltage</b>	240V Single-Phase 50/60Hz
<b>Protection Class</b>	IP23S
<b>Tank Volume</b>	6.5L
<b>Max Distance</b>	35m
<b>Max Flow</b>	5L/min

<b>Rated Cooling Power (kw)</b>	1.5 (1L/min)
<b>Size</b>	600x217x283mm
<b>Weight</b>	14kg
<b>Suits</b>	RAZOR TIG 330 AC/DC



## RAZOR CUT 80 AIR COMPRESSOR

Our new RAZOR CUT 80 Air Compressor is designed to perfectly fit the RAZOR CUT 80 (U11023).

- Sleek and compact, ideal for when space is limited
- Ultimate portability with the small and lightweight build

<b>SKU</b>	U11165
<b>Primary Input Voltage</b>	240V Single-Phase 50/60Hz
<b>Maximum Pressure (MPa)</b>	0.7
<b>Rated Air Pressure (MPa)</b>	0.4
<b>Standard</b>	AS 60974.1
<b>Protection Class</b>	IP20

<b>Dimensions</b>	540x220x270mm
<b>Weight</b>	20kg
<b>Suits</b>	RAZOR CUT 80



## T20 WELDING TROLLEY

Maximise your flexibility, portability and manoeuvrability with the T20 Trolley.

- Transport your machine and gas gear wherever you need
- Easily secure the RAZOR TIG 330 AC/DC to the trolley
- Holds up to a single G size gas cylinder

# RAZOR



# **UNIMIG**

B U I L T F O R W E L D E R S



**100%**  
AUSTRALIAN  
OWNED

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