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Product Brochure For K84512

MIG/TIG/STICK Welder Includes Separate Wire Feed - RAZOR 350 SWF

Supplied to School Specifications
NSW DOE Item 41B



Please Call

ORDER CODE:	K84512
NSW DOE Item No.:	41B
QLD DOE Item No.:	~
MODEL:	NSW School / TAFE & RAZOR™ 350 SWF
Voltage (V):	415
Welding Current (amp):	50 - 350
Recommended Plug Amperage (amp):	32
MIG Duty Cycle @ 40ºc ((% @ amp)):	40% @ 350A
TIG Duty Cycle @ 40ºc ((% @ amp)):	40% @ 350A
MMA Duty Cycle @ 40ºc ((% @ amp)):	40% @ 350A
Mig Wire Size Range (mm):	0.6 - 1.2
Wire Spool Size (kg):	5 & 15
Dimensions (mm):	1520 x 520 x 980
Nett Weight (kg):	88.41

Description

This heavy-duty workshop unit guarantees premium welds and unmatched performance, even in the most challenging conditions.
A separate wire feeder gives extra manoeuvrability
Push-Pull gun ready for heavy-duty welding
4 geared wire drive system for the smoothest wire feeding experience

Smart-Set MIG
Getting set up for a weld has never been faster with our preset synergic programs. Simply select your wire type, wire size, gas type and material thickness, and the machine does the rest. It'll pick the optimal settings for your weld.

Multi-Process
Get the job done quickly and efficiently with our versatile three-in-one welding machine. With the ability to perform MIG, TIG, and MMA welding all in one unit, it's also capable of running both gas-shielded and gasless MIG wire, so you can 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, saving you valuable time and effort without sacrificing quality.

HD Backlit Interface
This next-generation interface panel is bright and easy to read in any environment.

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.

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.

Accessories
Ready for any kind of welding you've got planned, connect a complete range of MIG, TIG or MMA accessories to your welder.
Spool Gun: 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.
Push-Pull Gun: 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.
Tig Torch: The Trigger Controlled DC 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.

Inverter Technology
Not every inverter is made equal. With UNIMIG's ever-evolving, state-of-the-art IGBT Inverter technology, you get better performance, better efficiency, and better reliability.

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

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

Advanced MMA Features
Advanced MMA features are designed for improving weld quality and ease of use.
Arc Force: The Arc Force feature helps to keep the arc stabilised throughout the weld, by increasing or decreasing the peak current to compensate for your arc length, preventing the arc from cutting out or the electrode from sticking.
Anti-Stick: The Anti Stick feature, which is always on, prevents your electrode from sticking to your workpiece. When the machine detects sticking, the current will drop significantly, so the electrode can be removed.

Additional Features
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.
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 10 jobs can be memorised and stored for recall.
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.
Generator Compatible: Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 40kVA for this machine.

Features

- 3 in 1 multi-process - Weld in MIG, TIG and STICK
- Separate Wire Feeder with Voltage & Wire Feed Controls
- Accepts 5kg & 15kg Mig Wire Spool Sizes
- Thermal overload protection
- Trolley with pull out tool storage
- Complies to AS/NZS 60974.1 standards
- UNIMIG is pleased to offer a 5-year warranty on the RAZOR SWF 350

Includes

- RAZOR SWF 350 Welder
- Separate Wire Feeder Unit
- 10m Interconnecting Cables
- 4m M350 Digital MIG Torch
- 4m Twist Lock Electrode Holder
- 4m 500A Earth Clamp & Lead
- Twin Gauge Argon Regulator
- 1.8m Quick-Connect Gas Hose
- Operating Manual
- 2 x 0.8-0.9mm V Groove Rollers
- 2 x 1.0-1.2mm V Groove Rollers
- 2 x 0.8-0.9mm F Groove Rollers
- 2 x 1.0-1.2mm F Groove Rollers
- 4 x 1.0-1.2mm U Groove Rollers
- Earth Lug (For Earth Continuity)
- Mig Pliers / Wire Cutters
- Professional Leather Welding Gloves
- 0.9mm Contact Tips - Steel - Pack of 10
- 0.9mm ER70S-6 Mild Steel MIG Wire 5Kgs

Optional Accessories

- T2 TIG Torch 4m #UMT2F4M
- T2 TIG Torch 4m Euro #UMT24ME
- 220A Spool Gun #PLSP240A
- 300A Push-Pull Gun 24V 8m #PPLU36-24V-8M

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Specific Features



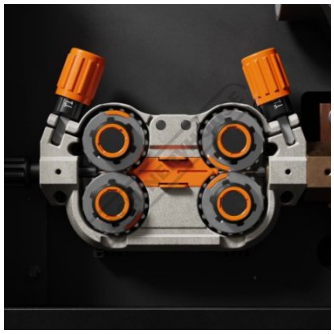
Front View



Left View



HD Backlit Interface



4 Geared Wire Drive



Mild Steel 5kg



Contact Tips 0.9mm



MIG Pliers



Professional Leather Welding Gloves

Recommended Accessories

K84520
Trade Series Welding Helmet - 4 Arc Sensors



K84521
Professional Series Welding Helmet - 5 Arc Sensors



K84525
Auto Darken Welding Helmet - 4 Arc Sensors



K84526
Auto Darkening Welding Helmet - 4 Arc Sensors



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K84527
Welding Helmet with PAPR Respirator

K84528
Welding Helmet with PAPR Respirator - Flip-up Lens

W181D
220 Amp Binzel Style Spool Gun

W171F
Air Cooled Arc Torchology® TIG Welding Torch









W119
Anti-Spatter Spray

W10362
Magnetic MIG Torch Rest

W10361
Magnetic TIG Torch Rest





