

CIGWELD

AN ESAB BRAND



100+
YEARS OF
WELDING
INNOVATION

BLUE VENOM

XF250⁶

6-in-1 MULTIPROCESS WELDER



WHERE POWER MEETS PRECISION...

DELIVERING THE ULTIMATE WELDING SOLUTION.

DOUBLE PULSE MIG & AC TIG IS JUST THE BEGINNING!

The BlueVenom XF250⁶ SiC redefines expectations in welding performance. Delivering up to 250 amps, this advanced multi-process system is powered by cutting-edge **Silicon Carbide (SiC) Inverter** technology, ensuring exceptional accuracy, stability, and repeatability across a broad range of materials and applications.

Designed for professionals, its outstanding versatility allows effortless progression from everyday mild steel fabrication to precision-driven AC TIG feature welds, supported by six intelligently engineered operating modes: **MIG, Single Pulse MIG, Double Pulse MIG, HF DC TIG, HF AC TIG, and Stick**. With further advanced modes featuring **Mixed AC+DC TIG, Cold Weld TIG and Pulse** on both TIG and Stick

Operating from a standard 15A, single-phase 230V power supply, the BlueVenom XF250⁶ SiC incorporates **Power Factor Correction (PFC)** technology to maximise energy efficiency and maintain consistent output, even when used with extended lead lengths, delivering reliable performance wherever the job demands.

Boasting an **IP23S** rating, the BlueVenom XF250⁶ SiC is protected against small debris and light rain, ready for use in industrial and outdoor environments.

15KG SPOOL. QUICKER PARAMETER CONTROL. REDUCED SETUP TIME.

Effortless control is delivered through the intuitive **7-inch Full Colour Touchscreen**, providing immediate access to all welding parameters within a clean, streamlined interface. Settings can be intelligently synchronised to material thickness or manually adjusted, allowing operators to fine-tune performance to match individual welding preferences.

Raising the bar for versatility and performance, the BlueVenom XF250⁶ SiC brings together multiple welding processes with advanced functionality to meet the demands of virtually any application. Equipped with AC TIG featuring **9 selectable waveforms**, it enables experienced operators to produce exceptional, presentation-quality TIG welds with outstanding control and consistency.

POWERED BY:



TOTAL CONTROL, NO LIMITS

Designed for productivity without compromise, MIG Single and Double Pulse deliver TIG-style weld appearance at high deposition speeds, while Pulse Stick technology provides enhanced control for heavy-duty tasks and challenging welding positions. Built as the ultimate all-round performer, the XF250⁶ SiC stands as the flagship workhorse of the BlueVenom range - **Powerful, Precise, and Unstoppable!**

Need to weld aluminium? The BlueVenom XF250⁶ SiC is **Spool Gun and Push-Pull Gun ready**, granting you further reach and preventing birdnesting of softer aluminium wires.

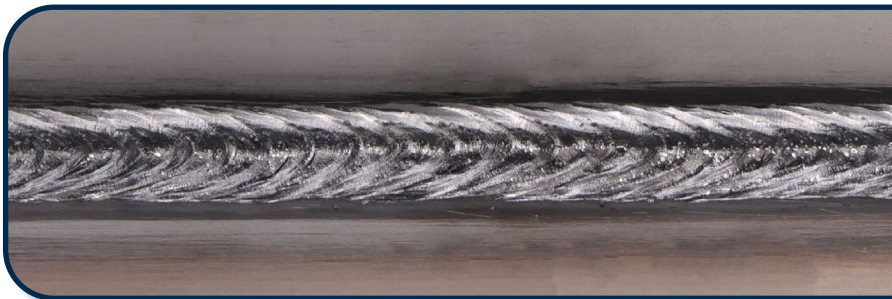
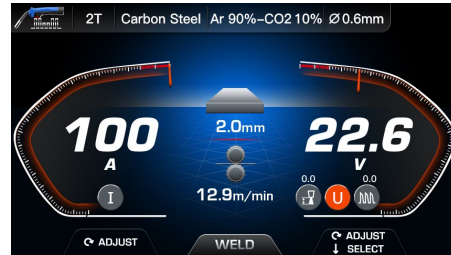
The BlueVenom XF250⁶ SiC comes packed with a **NEXARC DGX 36 OLED MIG gun**. Adjust the wire feed speed, voltage, inductance, trigger type, and even load jobs saved to memory all from the gun itself. The OLED display provides better contrast and reduces glare so you can keep your helmet on and focus on your weld, even with the darkest shades.

EXPANSIVE MEMORY

With an impressive 100x memory bank, you can save and load job parameters instantly, enabling quick and seamless switching between jobs.

INTUITIVE DISPLAY

Powered by a HUGE 7" Full Colour Touch LCD display, you can access all you need from the 1 screen, allowing you to spend more time welding and less time searching for settings.



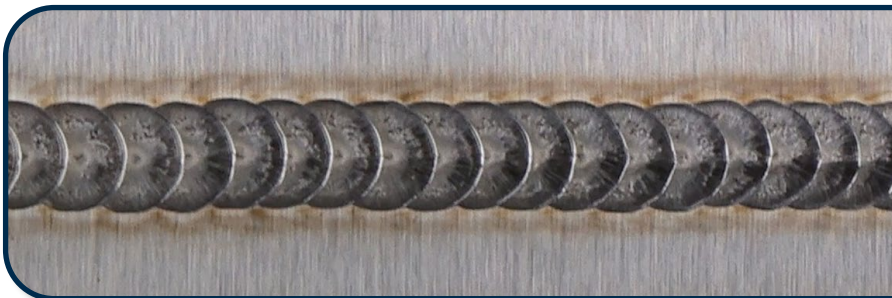
Double Pulse MIG

Start stacking dimes with Double Pulse MIG. Create fast welds with reduced spatter and less heat.



Mixed AC+DC TIG

Combine the cleaning power of AC and the penetrating power of DC to weld thicker aluminium plates.



TIG Cold Weld TIG

Ultra-short pulses generate little heat, preventing distortion. Perfect for thin and delicate metals.



Super Pulse TIG

Give a little boost to the start of each pulse. Ideal to get low frequency pulses going

COOLVENOM 7LTR



**CoolVenom 7LTR
Water Cooler**
(Sold Separately)
P/N: W4018270

TECHNICAL SPECIFICATIONS

Power Supply (Voltage):	Single Phase – 15A Plug 230V +/- 10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	15 Amp
Minimum Generator Required:	11.5 kVA (0.8 Power Factor at Max Amps)
Amperage Range:	MIG: 30A – 250A TIG: 10A – 250A STICK: 10A – 250A
MIG Duty Cycle @ 40°	250A @ 17%, 26.5V
TIG Duty Cycle @ 40°	250A @ 34%, 20.0V
STICK Duty Cycle @ 40°	250A @ 14%, 30.0V
Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	31.2kg
Weight (Package):	46.1kg
Dimensions (Power Source) - L x W x H:	750mm x 260mm x 480mm
Dimensions (Package) - L x W x H:	830mm x 410mm x 570mm
Wire Spool Size(s):	5kg (200mm) & 15kg (300mm)
Spool Gun Compatible:	Yes, MIG MAN/SYN modes only
Push-Pull Gun Compatible:	Yes, all MIG modes
Water Cooler Option:	Yes
Remote Feeder Option:	Yes
Protection Class:	IP23S

BLUEVENOM FEEDX4



FeedX4 Wire Feeder
(Sold Separately)
P/N: W3000250

WARRANTY PERIOD

We stand behind the quality of our products, which is why the BlueVenom XF250⁶ SiC comes with **5-Year Warranty***.

WHAT'S IN THE BOX:

- BlueVenom XF250⁶ SiC 6in1 Power Source
- NEXARC DGX 36 OLED, 3m MIG Gun with OLED Display and 3-Button Control, BZ36 Style
- Dimex Elite 26F, 4m 'Flex Head' TIG Torch with Trigger Button and Remote Current Control
- Fully Equipped with Fitted MIG Consumables, Spare Tip & TIG Kits
- 250A Twist lock Electrode Holder with 3m Lead
- 3m Quick Connect Gas Hose
- 250A Earth Clamp with 3m Lead
- BlueJet Regulator/Flowmeter
- Mild Steel & Nylon Liner, Inlet/Outlet Guides
- Feedrolls: 0.8/0.9mm (x2) Knurled (Fitted), 0.8/0.9mm V (x2), 1.0/1.2mm U (x2)
- Operating Manual

ORDERING DETAILS

BLUEVENOM

XF250⁶



BlueVenom
XF250⁶ SiC 6in1
P/N: W1400254

*5-Year Warranty applies to power source only. See website for more details.
CIGWELD Info Sheet **BlueVenom XF250⁶ SiC V1-2026**
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cigweld.com.au

