

# CIGWELD

AN ESAB BRAND



100+  
YEARS OF  
WELDING  
INNOVATION

## BLUE *V* ENOM

# EMBRACE INNOVATION



POWERED BY



TECHNOLOGY



# INTRODUCING THE SiC PRODUCT RANGE

# BLUE VENOM



\*5-Year Warranty applies to power sources, water coolers and wire feeder only. See website for more details.



XF195

XF200<sup>6</sup>

XF230<sup>6</sup>

XF250<sup>6</sup>

FEEDX4

XF250<sup>AC DC</sup>

XF320<sup>AC DC</sup>



# BLUE VENOM XF195

IT'S TIME TO STEP UP TO THE PLATE.



## LESS COMPLEXITY, MORE PRODUCTIVITY!

Introducing the BlueVenom XF195 SiC – a high-performing 195 Amp multi-process welder powered by the latest Silicon Carbide (SiC) Inverter technology, engineered to deliver consistent results across a broad range of materials and applications.

Its exceptional versatility allows smooth transitions from everyday Mild Steel fabrication to precision TIG showcase welds, supported by five intuitive operating modes: MIG, MIG Single Pulse, MIG Double Pulse, HF DC TIG, and Stick. With further advanced modes featuring Cold Weld TIG and Pulse on both TIG and Stick.

Powered by a standard 15A, single-phase 230V supply, the BlueVenom XF195 SiC is further enhanced with Power Factor Correction (PFC) technology. Ensuring improved energy efficiency and stable performance, even when operating with extended cable lengths.

With an IP23S rated enclosure, the BlueVenom XF195 SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



## MULTI-PROCESS WELDING INVERTER

MIG | MIG SINGLE PULSE | MIG DOUBLE PULSE | HF DC TIG | COLD-WELD | STICK | STICK WITH PULSE PLUS: 5" LCD TOUCH SCREEN | IP23S | PFC | SiC



<b>Power Supply (Voltage):</b>	Single Phase – 15A Plug 230V +/-10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	15 Amp
<b>Minimum Generator Required:</b>	8 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	MIG: 30A – 200A TIG: 5A – 200A STICK: 10A – 200A
<b>MIG Duty Cycle @ 40°</b>	200A @ 35%, 24.0V
<b>TIG Duty Cycle @ 40°</b>	200A @ 60%, 18.0V
<b>STICK Duty Cycle @ 40°</b>	200A @ 28%, 28.0V

<b>Voltage Reduction Device VRD:</b>	Yes, on Stick Mode (<35V)
<b>Weight (Power Source):</b>	19.2kg
<b>Weight (Package):</b>	30.2kg
<b>Dimensions (Power Source):</b>	650 x 220 x 410mm (L x W x H)
<b>Dimensions (Package):</b>	720 x 380 x 490mm (L x W x H)
<b>Wire Spool Size(s):</b>	1kg (100mm) 5kg (200mm)
<b>Spool Gun Compatible:</b>	Yes, on MIG MAN/ SYN modes only
<b>Push-Pull Gun Compatible:</b>	Yes, all MIG modes
<b>Protection Class:</b>	IP23S

# BLUE VENOM XF195

## FEATURE PACKED!

The BlueVenom XF195 SiC continues its value packed offer by including multiple processes and features to suit various applications.

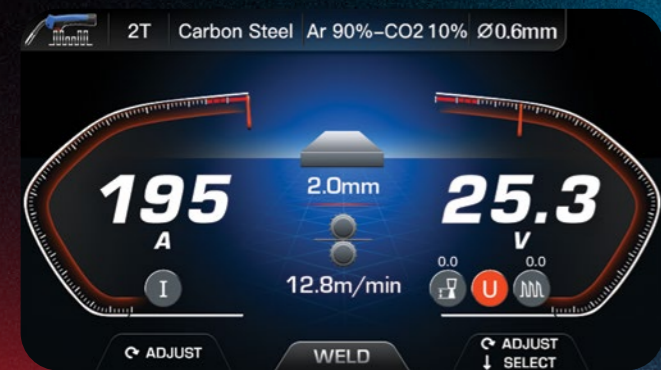
Need the speed of MIG but not the ultra-precision of TIG? Choose from Single or Double Pulse MIG to produce welds similar to TIG but with more speed, larger jobs and thicker joints.

With the improved efficiency and cooling from SiC technology you can weld harder and longer. Boasting an impressive 60% TIG duty cycle at 200 Amps on only a 15 Amp plug.

## SUPERIOR MIG & PARAMETER CONTROL

Navigate with ease directly from the intuitive 5" Full Colour Touchscreen, accessing all your parameters through one neat layout at any moment. Set your parameters synergically in tune with plate thickness or tweak them to suit your welding style.

Developed with advanced Silicon Carbide (SiC) Inverter technology, the BlueVenom XF195 SiC is engineered to handle your next project with confidence. It delivers superior efficiency in a compact, reliable design by minimizing power losses, enhancing arc stability, and optimizing thermal performance, resulting in smoother welds and an extended machine life.



## MEMORY

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

## WARRANTY

We stand behind the quality of our products, which is why the BlueVenom XF195 SiC comes with a 5-Year Warranty.\*



# TOTAL CONTROL. NO LIMITS.

## WHAT'S IN THE BOX:

**P/N: W1400195**

BlueVenom XF195 SiC 5in1 Power Source

NEXARC DGX 24, 3m BZ24 MIG Gun with 4-Button Digital Control

Dimex Elite 17F, 4m Flex Head TIG Torch with Remote Control

Fully Equipped with Fitted MIG Consumables, Spare Tip & TIG Kits

200A Twist lock Electrode Holder with 3m Lead

3m Quick Connect Gas Hose

200A 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



## COMPATIBLE ACCESSORIES:

**W4020012** NEXARC DGX 24, 3m BZ24 MIG Gun with 4-Button Digital Control

**W4022011** Dimex Elite 17F, 4m Flex Head TIG Torch with Remote Control

**W4022012** Dimex Elite 17F, 8m Flex Head TIG Torch with Remote Control

**W4022015** Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

**W4022016** Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

**W4015826** CIGWELD Foot Pedal, 8m

**W4021001** SGX250 Spool Gun, 6m

**W4021000** PPX300 Push-Pull Gun, 8m

**NEXARC**

**dimex ELITE**

PUSH PULL GUN  
PPX **300**  
BZ36

SPOOL GUN  
SGX **250**  
BZ24



## DUAL GAS INLETS

SiC multi-process welders feature dual gas inlets, providing unmatched convenience and efficiency by allowing two different shielding gases to remain connected to the machine at the same time. This eliminates the need to disconnect and reconnect gas cylinders when switching between MIG and TIG welding processes.

Need to replace an empty gas cylinder? CIGWELD's quick connection fittings make changing gas cylinders a breeze. The push and pull fitting mean no thread and no tools required. Quick Connection fittings and dual gas inlets reduce downtime, streamline workflow, boost productivity, and keep you welding with fewer interruptions.

## 4-POINT LIFTING HANDLES

Designed for maximum portability and safety, the SiC range features 4-point lifting handles to make transporting your welding machine easier from every angle. The 4-point lifting handles are strategically positioned to improve stability, safety and convenience.

They allow the machine to be carried by two people, reducing operator strain and reducing the risk of tipping from an uneven weight distribution. The design also improves handling on site and in tight spaces, allowing the operator to adjust the position of the machine from any angle. The SiC range is designed for control and convenience, to give you confidence when relocating your welding machine.



# BLUE VENOM XF200<sup>6</sup>

YOU'RE ONLY AS GOOD AS YOUR TOOLS, EXCUSES END HERE!



## ENGINEERED FOR RELIABILITY, BUILT FOR PERFORMANCE!

The BlueVenom XF200<sup>6</sup> SiC delivers industry leading performance, giving you the tools to master any welding application. A high performance 200 Amp multi-process welder powered by the latest Silicon Carbide (SiC) Inverter technology, engineered to deliver consistent results across a broad range of materials and applications.

Exceptional versatility enables seamless transitions from routine mild steel fabrication to high-precision AC TIG showcase welds, powered by six intuitive 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.

Powered by a standard 15A, single-phase 230V supply, the XF200<sup>6</sup> SiC is further enhanced with Power Factor Correction (PFC) technology. Ensuring improved energy efficiency and stable performance, even when operating with extended cable lengths.

With an IP23S rated enclosure, the BlueVenom XF200<sup>6</sup> SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



## 6 IN 1 MULTI-PROCESS WELDING INVERTER

MIG | MIG SINGLE PULSE | MIG DOUBLE PULSE | HF AC/DC TIG (PULSE) | MIXED AC+DC TIG | COLD-WELD | STICK | STICK WITH PULSE PLUS: 5" LCD TOUCH SCREEN | IP23S | PFC | SiC



<b>Power Supply (Voltage):</b>	Single Phase – 15A Plug 230V +/-10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	15 Amp
<b>Minimum Generator Required:</b>	8.5 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	MIG: 30A – 200A TIG: 10A – 200A STICK: 10A – 200A
<b>MIG Duty Cycle @ 40°</b>	200A @ 32%, 24.0V
<b>TIG Duty Cycle @ 40°</b>	200A @ 50%, 18.0V
<b>STICK Duty Cycle @ 40°</b>	200A @ 25%, 28.0V

<b>Voltage Reduction Device VRD:</b>	Yes, on Stick Mode (<35V)
<b>Weight (Power Source):</b>	21.7kg
<b>Weight (Package):</b>	33.8kg
<b>Dimensions (Power Source):</b>	650 x 220 x 410mm (L x W x H)
<b>Dimensions (Package):</b>	720 x 380 x 490mm (L x W x H)
<b>Wire Spool Size(s):</b>	1kg (100mm), 5kg (200mm)
<b>Spool Gun Compatible:</b>	Yes, on MIG MAN/ SYN modes only
<b>Push-Pull Gun Compatible:</b>	Yes, all MIG modes
<b>Protection Class:</b>	IP23S

# BLUE VENOM XF200<sup>6</sup>

# NEXT GENERATION WELDING, TODAY.

## FEATURE PACKED 6-IN-1!

Need the speed of MIG but not the ultra-precision of TIG? Choose from Single or Double Pulse MIG to produce welds similar to TIG but with more speed, larger jobs and thicker joints.

Need to weld aluminium? The BlueVenom XF200<sup>6</sup> SiC is Spool Gun and Push-Pull Gun ready, granting you further reach and preventing birdnesting of softer aluminium wires.

Building on its exceptional value, the BlueVenom XF200<sup>6</sup> SiC delivers all this and more with an impressive 50% TIG duty cycle, only possible thanks to the latest SiC inverter technology.

## QUICKER PARAMETER CONTROL. REDUCED SETUP TIME.

Navigate with ease directly from the intuitive 5" Full Colour Touchscreen, accessing all your parameters through one neat layout at any moment. Set your parameters synergically in tune with plate thickness or tweak them to suit your welding style.

The BlueVenom XF200<sup>6</sup> SiC takes TIG welding up a notch, offering a wide selection of advanced TIG welding modes and control. Use AC TIG to weld aluminium with up to 9 different waveforms. Combine the cleaning power of AC and the penetrating power of DC with Mixed AC+DC TIG mode to weld thicker aluminium plates. Select Cold TIG for ultra short pulses to weld thin delicate plates. The possibilities are endless with our most advanced welding range.

## MEMORY

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

## WARRANTY

We stand behind the quality of our products, which is why the BlueVenom XF200<sup>6</sup> SiC comes with a 5-Year Warranty.\*

## WHAT'S IN THE BOX:

**P/N: W1400202**

BlueVenom XF200<sup>6</sup> SiC 6in1 Power Source

NEXARC DGX 24, 3m BZ24 MIG Gun with 4-Button Digital Control

Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

Fully Equipped with Fitted MIG Consumables, Spare Tip & TIG Kits

200A Twist lock Electrode Holder with 3m Lead

3m Quick Connect Gas Hose

200A 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

## COMPATIBLE ACCESSORIES:

**W4020012** NEXARC DGX 24, 3m BZ24 MIG Gun with 4-Button Digital Control

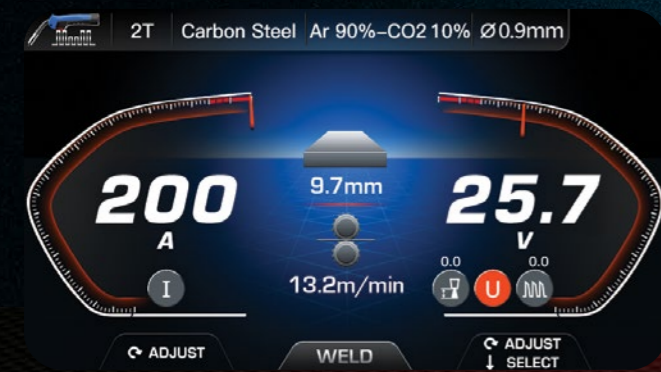
**W4022015** Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

**W4022016** Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

**W4015826** CIGWELD Foot Pedal, 8m

**W4021001** SGX250 Spool Gun, 6m

**W4021000** PPX300 Push-Pull Gun, 8m



**NEXARC**

**dimex  
ELITE**

**PUSH PULL GUN  
PPX 300  
BZ36**

**SPOOL GUN  
SGX 250  
BZ24**



## QUICK SPOOL CHANGE

The XF195, XF200<sup>6</sup> and XF230<sup>6</sup> come equipped with both 100mm and 200mm spool holders, offering maximum flexibility for a wide range of welding applications. The 100mm spool holder is ideal for lightweight, portable jobs where compact wire spools help reduce overall machine weight, while the 200mm spool holder accommodates larger wire spools for longer run times and fewer spool changes. The 2-spool design resolves the fiddly disassembly typically required when changing spool sizes.

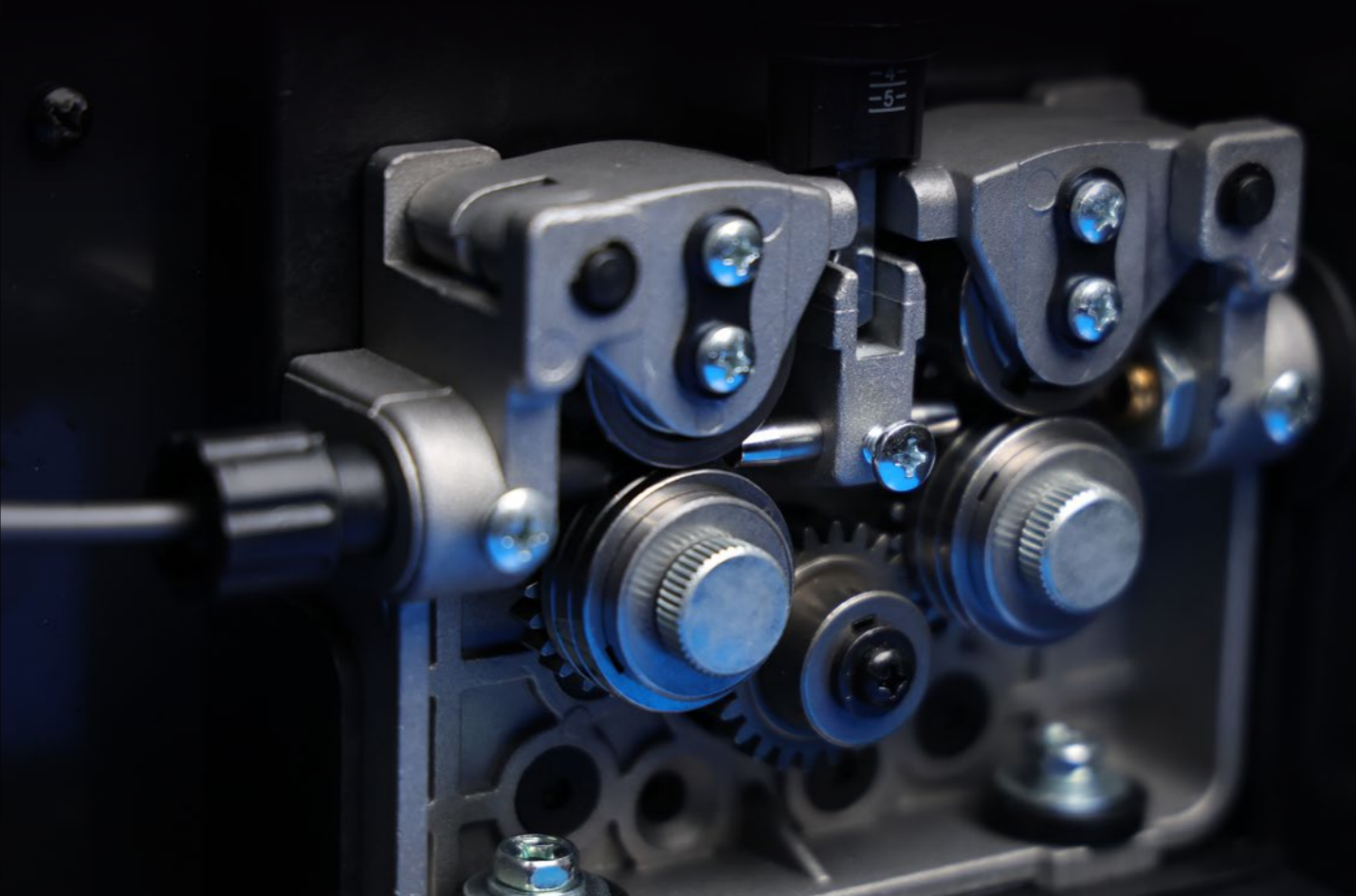
Conversely, the XF250<sup>6</sup> is equipped to handle both 200mm and 300mm spools for even greater run times. No disassembly is required, simply slide on the included adaptor to fit 200mm spools. This SiC range is designed to allow operators to choose the most suitable spool size for the task at hand, improving convenience, reducing downtime, and enhancing productivity whether in the workshop or out on site.

## 4-ROLL GEARED WIRE DRIVE

The multi-process SiC range features a 4-roll geared wire drive system, delivering superior wire feeding performance over 2 roll systems. Gripping the welding wire across four driven rollers instead of two increases the contact area, providing greater feeding force and a smoother wire delivery. Ideal for longer welding guns. The increased grip on the welding wire is ideal for soft aluminium wire, reducing the risk of slippage and birdnesting.

The geared design maintains precise wire speed under varying loads, further increasing arc stability, improving weld quality, and providing greater reliability across a wide range of welding conditions.

Each multi-process welder comes complete with a set of V-grooved, U-grooved and knurled rollers, along with liners and inlet/outlet guides for soft and hard wires; ready for all wire and plate materials you may need.



# BLUE VENOM XF230<sup>6</sup>

LEVEL UP EVERY WELD,  
DOMINATE EVERY JOB.

## THE ULTIMATE WELDING MACHINE!

The BlueVenom XF230<sup>6</sup> SiC sets a new benchmark in welding performance. This 230 Amp multi-process powerhouse, driven by advanced Silicon Carbide (SiC) Inverter technology, provides precise, consistent results across a wide range of materials and applications, empowering professionals to tackle any welding challenge with confidence.

Exceptional versatility enables seamless transitions from routine mild steel fabrication to high-precision AC TIG showcase welds, powered by six intuitive 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.

Powered by a standard 15A, single-phase 230V supply, the BlueVenom XF230<sup>6</sup> SiC is further enhanced with Power Factor Correction (PFC) technology, ensuring improved energy efficiency and stable performance, even when operating with extended cable lengths.

With an IP23S rated enclosure, the BlueVenom XF230<sup>6</sup> SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



## 6 IN 1 MULTI-PROCESS WELDING INVERTER

MIG | MIG SINGLE PULSE | MIG DOUBLE PULSE | HF AC/DC TIG (PULSE) | MIXED AC+DC TIG | COLD-WELD | STICK | STICK WITH PULSE PLUS: 5" LCD TOUCH SCREEN | IP23S | PFC | SiC



<b>Power Supply (Voltage):</b>	Single Phase – 15A Plug 230V +/-10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	15 Amp
<b>Minimum Generator Required:</b>	9.5 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	MIG: 30A – 230A TIG: 10A – 230A STICK: 10A – 200A
<b>MIG Duty Cycle @ 40°</b>	230A @ 22%, 25.5V
<b>TIG Duty Cycle @ 40°</b>	230A @ 35%, 19.2V
<b>STICK Duty Cycle @ 40°</b>	200A @ 25%, 28.0V

<b>Voltage Reduction Device VRD:</b>	Yes, on Stick Mode (<35V)
<b>Weight (Power Source):</b>	21.7kg
<b>Weight (Package):</b>	34.7kg
<b>Dimensions (Power Source):</b>	650 x 220 x 410mm (L x W x H)
<b>Dimensions (Package):</b>	720 x 380 x 490mm (L x W x H)
<b>Wire Spool Size(s):</b>	1kg (100mm) 5kg (200mm)
<b>Spool Gun Compatible:</b>	Yes, on MIG MAN/ SYN modes only
<b>Push-Pull Gun Compatible:</b>	Yes, all MIG modes
<b>Protection Class:</b>	IP23S

# BLUE VENOM XF230<sup>6</sup>

## READY FOR WHATEVER COMES NEXT.

### HANDLE ANYTHING AND EVERYTHING

The BlueVenom XF230<sup>6</sup> SiC takes TIG welding up a notch, offering a wide selection of advanced TIG welding modes and control. Use AC TIG to weld aluminium with up to 9 different waveforms. Combine the cleaning power of AC and the penetrating power of DC with Mixed AC+DC TIG mode to weld thicker aluminium plates. Select Cold TIG for ultra short pulses to weld thin delicate plates. The possibilities are endless with our most advanced welding range.

Developed with advanced Silicon Carbide (SiC) Inverter technology, the BlueVenom XF230<sup>6</sup> SiC is engineered to handle your next project with confidence. It delivers superior efficiency in a compact, reliable design by minimizing power losses, enhancing arc stability, and optimizing thermal performance, resulting in smoother welds and an extended machine life.

### FEATURE PACKED 6-IN-1!

Fast, Precise, Unstoppable! Achieve TIG-like welds at MIG speed with MIG Single and Double Pulse, tackle bigger jobs, and master tricky angles with Pulse Stick technology. The BlueVenom 230<sup>6</sup> SiC is your ultimate workhorse!

Need to weld aluminium? The BlueVenom XF230<sup>6</sup> SiC is Spool Gun and Push-Pull Gun ready, granting you further reach and preventing birdnesting of softer aluminium wires. The NEXARC MIG gun range is interchangeable, allowing you to upgrade the included DGX 36 to an OLED screen with a quick swap.

### MEMORY

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

### WARRANTY

We stand behind the quality of our products, which is why the BlueVenom XF230<sup>6</sup> SiC comes with a 5-Year Warranty.\*

### WHAT'S IN THE BOX:

P/N: W1400230

BlueVenom XF230<sup>6</sup> SiC 6in1 Power Source

NEXARC DGX 36, 3m BZ36 MIG Gun with 4-Button Digital Control

Dimex Elite 26F, 4m Flex Head TIG Torch with Remote 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

### COMPATIBLE ACCESSORIES:

W4020015 NEXARC DGX 36, 3m BZ36 MIG Gun with 4-Button Digital Control

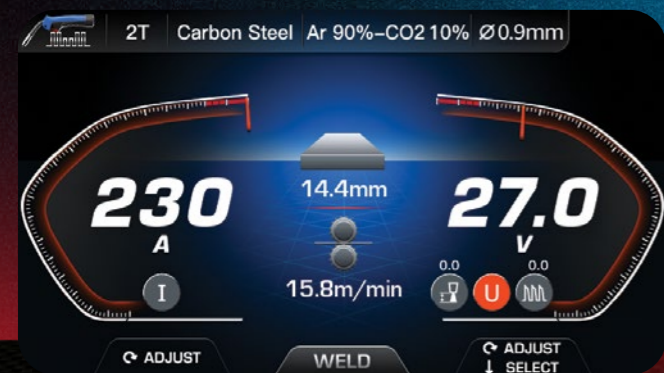
W4022015 Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

W4022016 Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

W4015826 CIGWELD Foot Pedal, 8m

W4021001 SGX250 Spool Gun, 6m

W4021000 PPX300 Push-Pull Gun, 8m



NEXARC

dimex  
ELITE

PUSH PULL GUN  
PPX 300  
BZ36

SPOOL GUN  
SGX 250  
BZ24



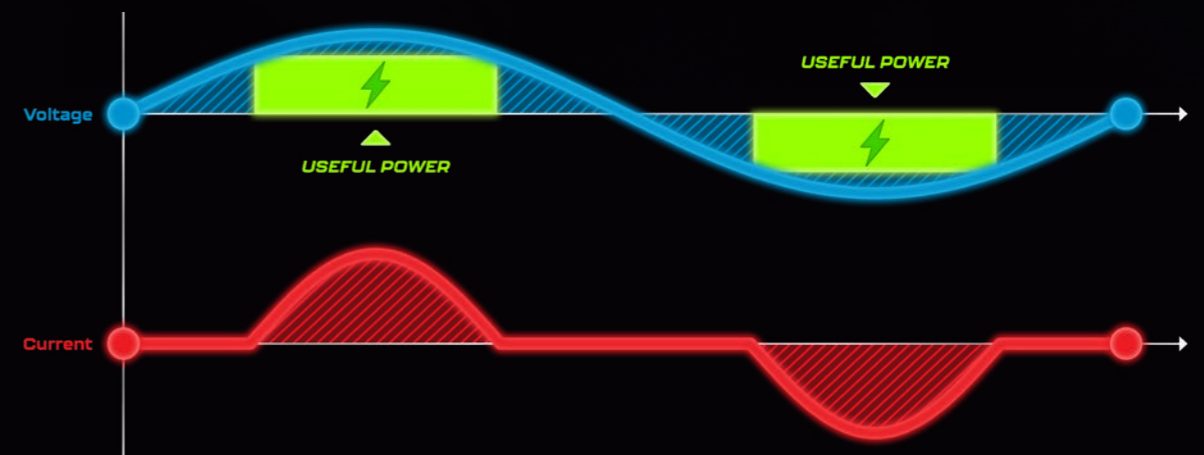
# POWER FACTOR CORRECTION (PFC)

Power Factor Correction (PFC) technology maximizes the efficiency of your welding machine by optimizing how it draws power from the mains supply. 'Useful' power is supplied to the welding power source only when the phases of the input voltage and current are aligned. PFC technology aligns the two phases, reducing energy losses and improving power utilization.

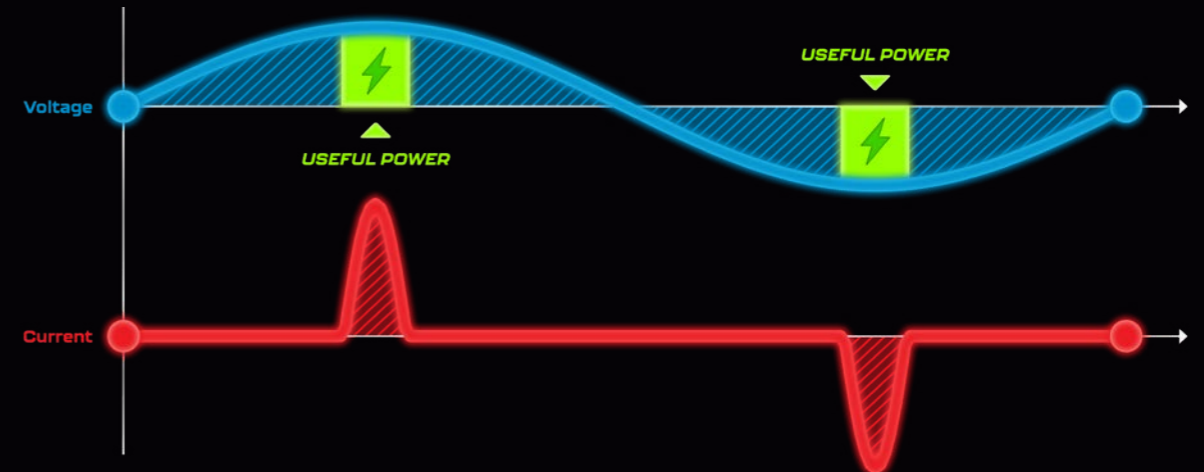
Enhanced power utilization enables a more stable welding performance while lowering input current requirements. This allows the machine to operate more effectively from generators and long extension leads, while also helping to reduce strain on nearby electrical circuits.

The result is a welder with greater efficiency, improved reliability, and consistent arc performance in demanding workshop and site environments.

## AC SUPPLY WITH PFC



## AC SUPPLY WITHOUT PFC



# SiC INVERTER TECHNOLOGY

The SiC range is powered by advanced Silicon Carbide (SiC) Inverter technology. Delivering superior efficiency, improved thermal performance and a more stable arc compared to conventional inverter designs.

Silicon Carbide MOSFETs allow for faster switching speeds over 10x faster than Silicon-based IGBTs found in traditional welding machines. This results in a smoother, more stable arc that consumes 15-25% less energy, reducing heat generation.

Silicon Carbide has a thermal conductivity 3x higher than Silicon, providing superior heat dissipation. This is combined with the reduced heat generation to extend the operational lifespan, improving reliability, reducing maintenance and lowering the cost of ownership.

Experience the future of welding inverter technology today.

# BLUE VENOM XF250<sup>6</sup>

WHERE POWER MEETS PRECISION, DELIVERING THE ULTIMATE WELDING SOLUTION.

## DOUBLE PULSE MIG & AC TIG IS JUST THE BEGINNING!

The BlueVenom XF250<sup>6</sup> 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 XF250<sup>6</sup> 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.

With an IP23S rated enclosure, the BlueVenom XF250<sup>6</sup> SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



## 6 IN 1 MULTI-PROCESS WELDING INVERTER



MIG | MIG SINGLE PULSE | MIG DOUBLE PULSE | HF AC/DC TIG (PULSE) | MIXED AC+DC TIG | COLD-WELD | STICK | STICK WITH PULSE PLUS: 7" LCD TOUCH SCREEN | IP23S | PFC | SiC



<b>Power Supply (Voltage):</b>	Single Phase - 15A Plug 230V +/- 10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	15 Amp
<b>Minimum Generator Required:</b>	11.5 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	MIG: 30A - 250A TIG: 10A - 250A STICK: 10A - 250A
<b>MIG Duty Cycle @ 40°</b>	250A @ 17%, 26.5V
<b>TIG Duty Cycle @ 40°</b>	250A @ 34%, 20.0V
<b>STICK Duty Cycle @ 40°</b>	250A @ 14%, 30.0V
<b>Voltage Reduction Device VRD:</b>	Yes, on Stick Mode (<35V)

<b>Weight (Power Source):</b>	31.2kg
<b>Weight (Package):</b>	46.1kg
<b>Dimensions (Power Source):</b>	750 x 260 x 480mm (L x W x H)
<b>Dimensions (Package):</b>	830 x 410 x 570mm (L x W x H)
<b>Wire Spool Size(s):</b>	5kg (200mm) 15kg (300mm)
<b>Spool Gun Compatible:</b>	Yes, on MIG MAN/ SYN modes only
<b>Push-Pull Gun Compatible:</b>	Yes, all MIG modes
<b>Water Cooler Option:</b>	Yes
<b>Remote Feeder Option:</b>	Yes
<b>Protection Class:</b>	IP23S

# BLUE VENOM XF250<sup>6</sup>

## MORE POWER. MORE CONTROL. MORE CAPABILITY.

### 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 XF250<sup>6</sup> SiC stands as the flagship workhorse of the BlueVenom range - Powerful, Precise, and Unstoppable!

Need to weld aluminium? The BlueVenom XF250<sup>6</sup> SiC is Spool Gun and Push-Pull Gun ready, granting you further reach and preventing birdnesting of softer aluminium wires.

The BlueVenom XF250<sup>6</sup> 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.

### 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 XF250<sup>6</sup> 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.



### MEMORY

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

### WARRANTY

We stand behind the quality of our products, which is why the BlueVenom XF250<sup>6</sup> SiC comes with a 5-Year Warranty.\*



### WHAT'S IN THE BOX:

P/N: W1400254

BlueVenom XF250<sup>6</sup> SiC 6in1 Power Source

NEXARC DGX 36, 3m BZ36 MIG Gun with OLED Display

Dimex Elite 26F, 4m Flex Head TIG Torch with Remote 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



### COMPATIBLE ACCESSORIES:

W4020003 NEXARC DGX 36, 3m BZ36 MIG Gun with OLED Display

W4022015 Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

W4022016 Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

W4022021 Dimex Elite 18F, 8m Flex Head, Watercooled TIG Torch with Remote Control

W4015826 CIGWELD Foot Pedal, 8m

W4021001 SGX250 Spool Gun, 6m

W4021000 PPX300 Push-Pull Gun, 8m

W4018270 CoolVenom 7LTR Water Cooler

W3000250 BlueVenom FeedX4 Wire Feeder

NEXARC

dimex ELITE

PUSH PULL GUN  
PPX 300  
BZ36

SPOOL GUN  
SGX 250  
BZ24

BLUE VENOM FEEDX4

COOL VENOM 7LTR

CoolVenom 7LTR water cooler and BlueVenom FeedX4 wire feeder sold separately.



# IP23S RATED

The entire SiC range is IP23S rated, providing tested protection against access to hazardous internal parts and water spray from angles up to 60° from vertical. This helps protect the machine in tough workshop conditions and gives operators added confidence when working in industrial environments or controlled outdoor applications.

The enclosure design, including its sleek profile and slanted louvres, helps reduce the likelihood of accidental water exposure reaching sensitive internal components during normal use. Combined with protection against larger foreign objects, this makes the SiC range a dependable choice for demanding trade, workshop and site applications where durability and reliability matter.

# REDUCED WEIGHT, INCREASED PORTABILITY

Silicon Carbide (SiC) Inverter technology enables welding machines to be significantly smaller and lighter without compromising performance. Thanks to increased power density and thermal conductivity, SiC inverters require smaller electrical components and cooling systems than conventional welding designs.

This allows the overall size of the machine to be reduced while maintaining high output capabilities. Compared to traditional welding inverters, SiC inverters weigh between 10-30% less, for similar output and welding functions.

The result is a more compact and lighter welder that is easier to transport, store and carry, making it ideal for both workshop and in the field applications.



# BLUE VENOM XF250 AC/DC

BUILT FOR TIG PRECISION.  
ENGINEERED TO DOMINATE.

AC OR DC.  
TOTAL CONTROL.  
ZERO COMPROMISE.

The BlueVenom XF250 AC/DC is a 250 Amp, high-performance TIG inverter built for welders who demand flawless results. Designed to deliver showcase-quality welds, it features precision-tuned synergic settings and multiple AC waveforms so you can jump straight into aluminium work and start stacking dimes from the first strike!

**HIGH FREQUENCY START. NO TOUCH. NO CONTAMINATION. NO COMPROMISE.**

Position the torch, pull the trigger, and fire a clean, instant arc protecting your tungsten and delivering sharper, cleaner welds every time.

Operating from a standard 15A, single-phase 230V power supply, the BlueVenom XF250 AC/DC 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.

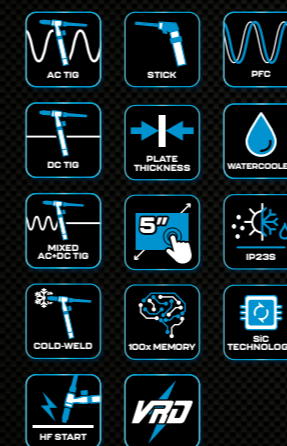
With an IP23S rated enclosure, the BlueVenom XF250 AC/DC SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



## AC/DC TIG WELDING INVERTER



HF AC/DC TIG (PULSE) | MIXED AC+DC TIG | COLD-WELD | STICK | STICK WITH PULSE  
PLUS: 5" LCD TOUCH SCREEN | IP23S | PFC | SiC



<b>Power Supply (Voltage):</b>	Single Phase – 15A Plug 230V +/-10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	15 Amp
<b>Minimum Generator Required:</b>	8.5 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	TIG: 10A – 250A STICK: 10A – 200A
<b>TIG Duty Cycle @ 40°</b>	250A @ 33%, 20.0V
<b>STICK Duty Cycle @ 40°</b>	200A @ 25%, 28.0V

<b>Voltage Reduction Device VRD:</b>	Yes, on Stick Mode (<35V)
<b>Weight (Power Source):</b>	17.5kg
<b>Weight (Package):</b>	28.1kg
<b>Dimensions (Power Source):</b>	660 x 190 x 370mm (L x W x H)
<b>Dimensions (Package):</b>	690 x 380 x 430mm (L x W x H)
<b>Water Cooler Option:</b>	Yes
<b>Protection Class:</b>	IP23S

# BLUE VENOM XF250 AC

## FINE-TUNED FOR PERFECTION.

### DYNAMIC ARC CONTROL

Dynamic Arc Control continuously monitors and adjusts current in real time to maintain a stable, consistent TIG arc, even as welding conditions vary. By compensating for changes in arc length and torch movement especially in challenging positions it ensures smoother arc performance, precise heat management, and consistent high-quality welds.

### STICK WITH PULSE

The BlueVenom XF250 AC/DC SiC continues its value packed offer by including Stick as well as Stick with Pulse, producing cleaner welds with less spatter due to better arc and heat control – better for vertical or overhead welds (over standard Stick).

Stick also enables the user to weld where TIG is not feasible i.e: outdoors, no gas availability, remote access, dirtier materials or where a more economical option is required.

### PRECISION AC TIG. ABSOLUTE PARAMETER CONTROL.

Effortless control starts with the intuitive 5-inch full-colour touchscreen, giving instant access to every welding parameter through a clean, streamlined interface. Sync settings to material thickness or take full manual control to fine-tune performance exactly your way.

Raising the bar for versatility and performance, the BlueVenom XF250 AC/DC SiC brings together multiple welding processes with advanced functionality to meet the demands of virtually any application. Use AC TIG to weld aluminium with up to 9 different waveforms (sine, square, triangle). Combine the cleaning power of AC and the penetrating power of DC with Mixed AC+DC TIG mode to weld thicker aluminium plates. Select Cold TIG for ultra short pulses to weld thin delicate plates. The possibilities are endless with our most advanced welding range.

### MEMORY

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

### WARRANTY

We stand behind the quality of our products, which is why the BlueVenom XF250 AC/DC SiC comes with a 5-Year Warranty\*.

### WHAT'S IN THE BOX:

**P/N: W1300250**

BlueVenom XF250 AC/DC SiC Power Source

Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

Fully Equipped with TIG Kits

250A Twist lock Electrode Holder with 3m Lead

3m Quick Connect Gas Hose

250A Earth Clamp with 3m Lead

BlueJet Regulator/Flowmeter

Operating Manual

### COMPATIBLE ACCESSORIES:

**W4022015** Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

**W4022016** Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

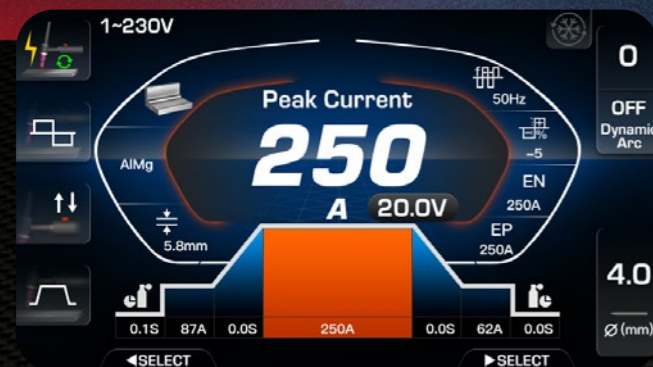
**W4022021** Dimex Elite 18F, 8m Flex Head, Watercooled TIG Torch with Remote Control

**W4015826** CIGWELD Foot Pedal, 8m

**W4018240** CoolVenom 4LTR Water Cooler



CoolVenom 4LTR water cooler sold separately.



# SiC USER INTERFACE

Powered by a full colour LCD touchscreen, all welding parameters and machine settings are easily accessible through an intuitive interface inspired by modern automotive dashboards. The XF250<sup>®</sup> elevates the experience further with a massive 7" display, offering enhanced visibility compared to the 5" display featured across the rest of the SiC range.

## MULTI-PROCESS WELDERS

The SiC multi-process welders make setup easy, simply select your synergic settings at the top of the display and you're ready to weld. Access further advanced control in MIG and TIG, adjust the arc, waveform, frequency and more! Designed for advanced welders, ready to wield full control.

### SYNERGIC SETTINGS

- Welding Mode
- Trigger
- Wire Material
- Gas Type
- Wire Diameter

2T Stainless Steel Ar 98%-CO2 2% Ø1.0mm



MIG WELDING INTERFACE

### ARC CONTROL

- Arc Length
- Voltage Trim
- Frequency
- Inductance
- + Heaps more...

### ADVANCED CONTROL

- Pre/Post Gas
- Start/End Current
- Frequency
- Balance
- Electrode Polarity
- Dynamic Arc
- + Heaps more...

2T AL 5356 Ø2.4mm



TIG WELDING INTERFACE

### SYNERGIC SETTINGS

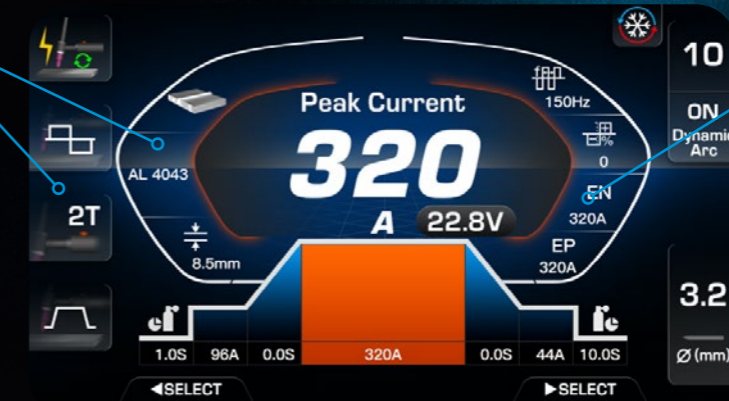
- Welding Mode
- Trigger
- AC/DC Waveform
- Pulse
- Electrode Diameter
- Electrode Material
- Joint Type

## AC/DC TIG WELDERS

The XF250 AC/DC and XF320 AC/DC offer a twist on the previous design, displaying your weld current front and centre. Access synergic settings on the sides of the screen, advanced controls within the centre ring and even enable/disable an attached water cooler through the LCD touch screen.

### SYNERGIC SETTINGS

- Welding Mode
- AC/DC Waveform
- Trigger
- Pulse
- Joint Type
- Electrode Material
- Electrode Diameter



TIG WELDING INTERFACE

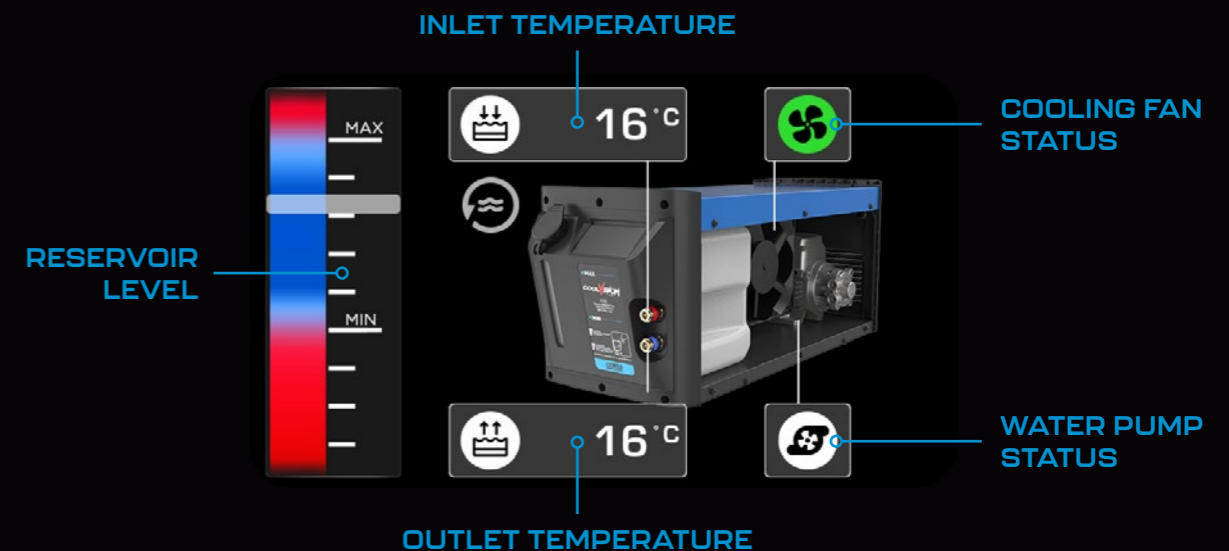
### ADVANCED CONTROL

- Pre/Post Gas
- Start/End Current
- Frequency
- Balance
- Electrode Polarity
- Dynamic Arc
- + Heaps more...

## COOLVENOM 7LTR WATER COOLER

Connect the CoolVenom 7LTR water cooler to the XF250<sup>®</sup> SiC and see the real-time status of the water cooler. The 4" Full Colour LCD display provides all the information you need from the 1 screen. Always know the temperature of the incoming and outgoing coolant, never overheat your torch again.

The cooling fan and water pump status give an idea of how and when the water cooler functions, and with the reservoir level indicator you'll never forget to top up on coolant again.



# BLUE VENOM XF320 AC/DC

PRECISION TIG WELDING,  
BACKED BY THE POWER  
TO GET THE JOB DONE RIGHT.

RAW POWER.  
ABSOLUTE  
PRECISION.

The BlueVenom XF320 AC/DC SiC delivers 320 Amps of pure TIG power for welders who demand control. With precision-tuned synergic settings, and multiple AC waveforms, you can tackle aluminium with confidence and start laying flawless, showcase-ready beads from the very first strike!

**HIGH FREQUENCY START. NO TOUCH.  
NO CONTAMINATION. NO COMPROMISE.**

Position the torch, pull the trigger, and fire a clean, instant arc protecting your tungsten and delivering sharper, cleaner welds every time.

Operating from a 32A factory fitted plug, 3-phase 400V power supply, the BlueVenom XF320 AC/DC 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.

With an IP23S rated enclosure, the BlueVenom XF320 AC/DC SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



## AC/DC TIG WELDING INVERTER



HF AC/DC TIG (PULSE) | MIXED AC+DC TIG | COLD-WELD | STICK | STICK WITH PULSE  
PLUS: 5" LCD TOUCH SCREEN | IP23S | PFC | SiC



<b>Power Supply (Voltage):</b>	Three Phase – 32A Plug 400V +/-10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	32 Amp (FITTED)
<b>Minimum Generator Required:</b>	16.0 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	TIG: 10A – 320A STICK: 10A – 320A
<b>TIG Duty Cycle @ 40°</b>	320A @ 100%, 22.8V
<b>STICK Duty Cycle @ 40°</b>	320A @ 100%, 32.8V

<b>Voltage Reduction Device VRD:</b>	Yes, on Stick Mode (<35V)
<b>Weight (Power Source):</b>	20.0kg
<b>Weight (Package):</b>	31.1kg
<b>Dimensions (Power Source):</b>	660 x 190 x 370mm (L x W x H)
<b>Dimensions (Package):</b>	690 x 380 x 430mm (L x W x H)
<b>Water Cooler Option:</b>	Yes
<b>Protection Class:</b>	IP23S

# BLUE VENOM XF320 AC

## SMALLER. LIGHTER. STRONGER.

### DYNAMIC ARC CONTROL

Dynamic Arc Control continuously monitors and adjusts current in real time to maintain a stable, consistent TIG arc, even as welding conditions vary. By compensating for changes in arc length and torch movement especially in challenging positions it ensures smoother arc performance, precise heat management, and consistent high-quality welds.

### STICK WITH PULSE

The BlueVenom XF320 AC/DC SiC continues its value packed offer by including Stick as well as Stick with Pulse, producing cleaner welds with less spatter due to better arc and heat control –better for vertical or overhead welds (over standard Stick).

Stick also enables the user to weld where TIG is not feasible ie: outdoors, no gas availability, remote access, dirtier materials or where a more economical option is required.

### DESIGNED AND BUILT FOR HEAVY DUTY WELDING.

The machine that never quits! Featuring an incredible 100% duty cycle on both TIG and Stick, don't let a machine dictate when you weld and for how long. This impressive duty cycle is only achievable thanks to SiC inverter technology, minimising energy losses and reducing heat generation.

Raising the bar for versatility and performance, the BlueVenom XF320 AC/DC SiC brings together multiple welding processes with advanced functionality to meet the demands of virtually any application. Use AC TIG to weld aluminium with up to 9 different waveforms (sine, square, triangle). Combine the cleaning power of AC and the penetrating power of DC with Mixed AC+DC TIG mode to weld thicker aluminium plates. Select Cold TIG for ultra short pulses to weld thin delicate plates. The possibilities are endless with our most advanced welding range.

### MEMORY

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

### WARRANTY

We stand behind the quality of our products, which is why the BlueVenom XF320 AC/DC SiC comes with a 5-Year Warranty\*.

### WHAT'S IN THE BOX:

**P/N: W1300320**

BlueVenom XF320 AC/DC SiC Power Source

Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

Fully Equipped with TIG Kits

400A Twist lock Electrode Holder with 3m Lead

3m Quick Connect Gas Hose

300A Earth Clamp with 3m Lead

BlueJet Regulator/Flowmeter

Operating Manual

### COMPATIBLE ACCESSORIES:

**W4022015** Dimex Elite 26F, 4m Flex Head TIG Torch with Remote Control

**W4022016** Dimex Elite 26F, 8m Flex Head TIG Torch with Remote Control

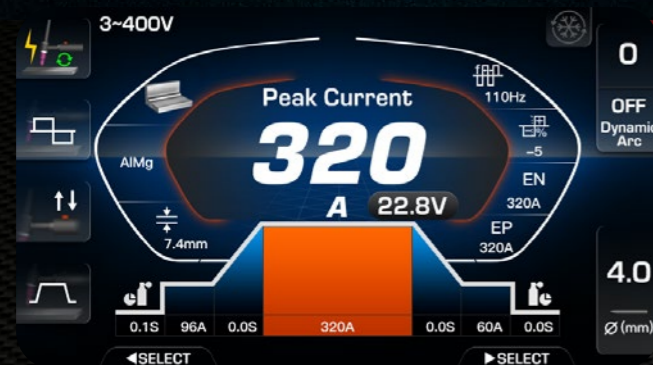
**W4022021** Dimex Elite 18F, 8m Flex Head, Watercooled TIG Torch with Remote Control

**W4015826** CIGWELD Foot Pedal, 8m

**W4018240** CoolVenom 4LTR Water Cooler



CoolVenom 4LTR water cooler sold separately.



# LEVEL UP...



## STAY COOL UNDER PRESSURE!

Introducing the CoolVenom 4LTR and CoolVenom 7LTR - 4 and 7 litre welding water coolers designed for the BlueVenom SiC range. The CoolVenom 4LTR and CoolVenom 7LTR are perfect for lengthy welding runs, mitigating heat and extending the life of your water-cooled TIG torches and MIG guns.

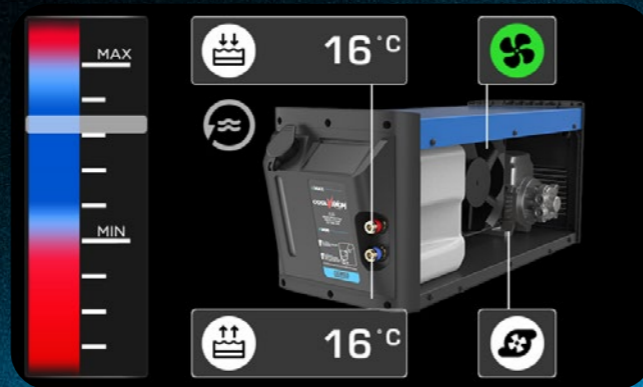
Utilizing a massive 150mm fan and 22 advanced steel tube radiators, the CoolVenom 4LTR and 7LTR provide fast and effective heat dissipation. Simply mount and screw in place the Power Source to the top of the Water Cooler for a strong and stable setup.

## WARRANTY

We stand behind the quality of our products, which is why the CoolVenom 4LTR and 7LTR come with a 5-Year Warranty\*.

## REAL-TIME INTUITIVE DISPLAY

The CoolVenom 7LTR features an intuitive 4" Full Colour LCD display, providing all the information you need from the 1 screen. See the status of the water pump, cooling fan, water level, and temperature of the inlet and outlets at a glance. No more second guessing, know the exact temperature and cool your torch before it can overheat.



## REACH BEYOND YOUR LIMITS!

The BlueVenom FeedX4 – a heavy-duty wire feeder designed for the BlueVenom XF250<sup>®</sup> SiC. Boasting a massive 15m interconnection cable, the FeedX4 is perfect for welding over long distances. Mount the wire feeder to the power source with the swivel mount for 360 degrees of rotation or hang it on a gantry for complete freedom of movement; the choice is yours.

The BlueVenom FeedX4 is engineered to handle the same high intensity tasks as its welding power source, supporting MIG, MIG Single Pulse, MIG Double Pulse, and Stick (with Pulse) welding modes. Don't compromise on performance, the FeedX4 features pre-set Synergic lines and comes Spool Gun and Push Pull Gun ready.

Navigate with ease directly from the intuitive 5" Full Colour Touchscreen, accessing all your parameters through one neat layout at any moment.

## FEED THE HEAT AND STAY COOL

Pair it with the CoolVenom 7LTR water cooler for those lengthy welding runs to extend the life of your favourite water-cooled TIG torches and MIG guns. The BlueVenom FeedX4 includes all the bells and whistles to seamlessly extend the reach of your welds.

## MEMORY

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

## WARRANTY

We stand behind the quality of our products, which is why the BlueVenom FeedX4 comes with a 5-Year Warranty\*.



P/N: W4018240

P/N: W4018270



Organised cable management solution.



4-roll geared wire drive fitted.



P/N: W3000250

# NEXARC DGX 24

# NEXARC DGX 36

## NEXARC DGX 24 & 36 - 4B

The NEXARC DGX 24 and 36 4B MIG Guns are equipped with interchangeable 4 - button modules, allowing you to change welding parameters at the press of a button, all from your fingertips!

## TOUGH TESTED FOR PRECISION

Fitted with a high grade, ergonomic and durable handle, NEXARC MIG Guns are designed for comfortable all-day welding. Utilizing a strong ball joint, NEXARC relieves strain, maximising cable flexibility and handle longevity.

DGX 24 and 36 - 4B guns are available in 3m, 4m and 5m lengths with EURO connectors to suit your welding applications. Plus, we included a hang style hook, so dropping your MIG gun is a problem of the past.

## DGX 24 - GUN SPECIFICATIONS:

- W4020012** NEXARC DGX 24, 3m BZ24 MIG Gun with 4-Button Digital Control
- W4020013** NEXARC DGX 24, 4m BZ24 MIG Gun with 4-Button Digital Control
- W4020014** NEXARC DGX 24, 5m BZ24 MIG Gun with 4-Button Digital Control



P/N: W4020012

## INTERCHANGEABLE MODULES

The 4-Button and OLED Display modules are completely interchangeable allowing you to swap, replace or upgrade your NEXARC MIG Gun.

## INDUSTRY STANDARD CONSUMABLES

NEXARC MIG Guns utilise industry standard consumables. Pair the DGX 24 and 36 with our BZL Style Front End Consumable range, and you can maximise your welding performance, precision and compatibility without breaking the bank!

## DGX 36 4B - GUN SPECIFICATIONS:

- W4020015** NEXARC DGX 36 4B, 3m BZ36 MIG Gun with 4-Button Digital Control
- W4020016** NEXARC DGX 36 4B, 4m BZ36 MIG Gun with 4-Button Digital Control
- W4020017** NEXARC DGX 36 4B, 5m BZ36 MIG Gun with 4-Button Digital Control



P/N: W4020015

# NEXARC DGX 36

## DIGITAL MIG GUN WITH OLED DISPLAY

### NEXARC DGX 36 OLED

The NEXARC DGX 36 - OLED MIG Gun comes equipped with an interchangeable OLED Display module, allowing you to change and see welding parameters at the press of a button, all from your fingertips!

### TOUGH TESTED FOR PRECISION

Fitted with a high grade, ergonomic and durable handle, the DGX 36 OLED Display is designed for comfortable all-day welding. Utilizing a strong ball joint, the DGX 36 OLED Display relieves strain, maximizing cable flexibility and handle longevity.

The DGX 36 OLED Display is available in 3m, 4m and 5m lengths with EURO connectors to suit your welding applications.

### INTERCHANGEABLE MODULES

The 4-Button and OLED Display modules are completely interchangeable allowing you to swap, replace or upgrade your NEXARC MIG Gun.

### OLED DISPLAY MODULE

The OLED Display provides a clear visual indication of welding parameters no matter where you are in relation to the power source!

The intuitive display allows you to fine tune Amperage, Voltage, Plate Thickness, Wire Feed Speed, Trigger Mode, Inductance and Memory functions.

### INDUSTRY STANDARD CONSUMABLES

NEXARC MIG Guns utilise industry standard consumables. Pair the DGX 36 with our BZL Style Front End Consumable range, and you can maximise your welding performance, precision and compatibility without breaking the bank!

### DGX 36 4B OLED - GUN SPECIFICATIONS:

- W4020003** NEXARC DGX 36 OLED Display, 3m BZ36 MIG Gun with 4-Button Digital Control
- W4020004** NEXARC DGX 36 OLED Display, 4m BZ36 MIG Gun with 4-Button Digital Control
- W4020005** NEXARC DGX 36 OLED Display, 5m BZ36 MIG Gun with 4-Button Digital Control

MEM A I ←|→

**250**

amps

Amperage

WFS V IND ←|→

**30**

volts

Voltage

IND T MEM ←|→

**2T**

Trigger Mode

←|→ WFS V

**16.1**

m/min

Wire Feed Speed



# TIG TORCHES

## PERFORMANCE AT THE HIGHEST LEVEL

Dimex Elite TIG Torches are engineered for performance, durability, and reliability. Delivering premium quality at exceptional value, they provide the consistency and control you need to focus on precision and stacking dimes.

## COOLING TECHNOLOGY

Lightweight and durable, Dimex torch heads feature high temperature silicone insulation and premium copper internals for cooler operation, increased longevity, and maximum current capacity in demanding applications.

## INTEGRATED POWER ADAPTER

Dimex TIG Torches are equipped with an integrated power adaptor that cleanly separates the gas line, water lines, and power connection. This streamlined design securely protects the torch internals, delivering enhanced durability and reliable performance in demanding welding environments.

## ENHANCED COMFORT & VERSATILITY

Dimex Elite Torches feature our newly engineered custom handles, designed to deliver superior control, comfort, and performance. Built with advanced ergonomics, the Dimex Elite range ensures maximum comfort for extended, all-day welding applications.

Available in 4m and 8m lengths, with 25mm and 50mm DINSE\* connectors, Dimex Elite Torches are built to suit a wide range of welding applications with reliability and precision.

## DIMEX TIG TORCH - SPECIFICATIONS:

<b>W4022008</b>	Dimex Elite, 9, 4m, 125A DC, 100A DC @ 60%	<b>W4022015</b>	Dimex Elite, 26F, 4m, 200A DC, 150A AC @ 60%
<b>W4022009</b>	Dimex Elite, 9F, 4m, 125A DC, 100A DC @ 60%	<b>W4022016</b>	Dimex Elite, 26F, 8m, 200A DC, 150A AC @ 60%
<b>W4022010</b>	Dimex Elite, 17, 4m, 150A DC, 115A AC @ 60%	<b>W4022017</b>	Dimex Elite, 18, 4m, 350A DC, 260A AC @ 100%
<b>W4022011</b>	Dimex Elite, 17F, 4m, 150A DC, 115A AC @ 60%	<b>W4022018</b>	Dimex Elite, 18, 8m, 350A DC, 260A AC @ 100%
<b>W4022012</b>	Dimex Elite, 17F, 8m, 150A DC, 115A AC @ 60%	<b>W4022019</b>	Dimex Elite, 20, 4m, 250A DC, 190A AC @ 100%
<b>W4022013</b>	Dimex Elite, 26, 4m 200A DC, 150A AC @ 60%	<b>W4022020</b>	Dimex Elite, 20, 8m, 250A DC, 190A AC @ 100%
<b>W4022014</b>	Dimex Elite, 26, 8m, 200A DC, 150A AC @ 60%	<b>W4022021</b>	Dimex Elite, 18F, 8m, 350A DC, 260A AC @ 100%

# 17F

P/N: W4022012



# 18F

P/N: W4022021



# 26F

P/N: W4022016





# CONSUMABLE KITS

## THE ULTIMATE TIG CONSUMABLE RANGE!

Dimex Premium TIG Consumables are manufactured using high-quality materials to ensure reliability and longevity.

Dimex is setting a new standard for industry consumables with premium white ceramic cups made from high purity alumina oxide. Built to withstand high temperatures, Dimex ceramics provide superior thermal stability and durability.

### ELITE QUARTZ

Struggling to maintain a clear view of the weld pool?

Not anymore, Dimex Elite Quartz cups are completely transparent offering unmatched visibility supporting consistent welds.

The large diameter of the Elite Quartz cups combined with a Dimex Gas Lens provides unparalleled laminar gas flow, protecting the weld pool from contamination and porosity.

### EXPLORE THE RANGE

Discover the amazing value of Dimex Consumable Kits. Built for purpose, these kits are loaded with all the premium consumables you need to lay down showcase quality welds at an unreal price.

### SPECIFICATIONS:

- CW1726K1** Essentials TIG Kit - 17/18/26 Series
- CW1726K2** Premium Gas Lens Kit - 17/18/26 Series
- CW1726K3** Elite Quartz Kit - 17/18/26 Series
- CW920K1** Essentials TIG Kit - 9/20 Series
- CW920K2** Premium Gas Lens Kit - 9/20 Series
- CW920K3** Elite Quartz Kit - 9/20 Series



# CIGWELD FOOT PEDAL

## ADVANCED PERFORMANCE

The CIGWELD Foot Pedal has been engineered to take your TIG welding performance and comfort to a whole new level. Dynamic amperage control allows you to easily adjust and better manage heat while welding. This means that you get cleaner and better results every weld!

## BELT ACTION CONTROL

Specifically designed using a belt action system for smoother and more stable amperage control. The belt action design, ensures that all micro-movements the user inputs, immediately translate to the machine.

## EMBOSSED RUBBER GRIP

The custom design not only looks fantastic, but it provides exceptional grip for the user. The embossed grip prevents accidental slippage and helps maximise the useable surface area of the foot pedal.

## ENHANCED STABILITY

Even more stable with hard, tactile rubber! Prevents movement while under load— especially on smooth surfaces so that you can weld with confidence, knowing that the foot pedal is exactly where you need it!

## RUGGED CONSTRUCTION

Built with durability and reliability in mind, the CIGWELD Foot Pedal is built to last. It's rugged all metal construction means that it can withstand harsh welding conditions and environments, giving you complete control.

## 8-PIN CONNECTION

The CIGWELD Foot Pedal is compatible with most CIGWELD and ESAB 8-PIN Connections. Visit website for compatible models.

## SPECIFICATIONS:

**W4015826** CIGWELD Foot Pedal, 8m, 8-PIN Connection



# SPOOL GUN SGX 250 BZ24

## SGX250 - BZ24 6m

The SGX250 Spool Gun delivers exceptional results in any welding situation, thanks to its 60% duty cycle and 6m cable length. Eliminate the hassle of wire feeding issues - particularly with soft wires, with the brand-new SGX250 Spool Gun.

## TOUGH TESTED FOR PRECISION

Fitted with a high grade, ergonomic and durable handle, the SGX250 is designed for comfortable all-day welding. Intentionally designed with the cable exiting via the bottom of the handle, the SGX250 relieves strain on the wrist of the user.

The SGX250 is available in a 6m length with EURO connector, allowing you to work far away from your power source, without soft wires tangling or catching inside liners.

## SGX250 - SPECIFICATIONS:

W4021001

250A @ 60% CO<sub>2</sub>, 220A @ 60% MIX,  
1.0/1.2mm U Feed Roll, 1.2mm Contact Tip, EURO, 8m

# PUSH PULL GUN

# PPX 300

## BZ36

### PPX300 - BZ36 8m

The PPX300 Push Pull Gun delivers exceptional results in any welding situation, thanks to its 60% duty cycle and 8m cable length. The PPX300 makes light work of welding with soft wires, 8m from the power source!

### TOUGH TESTED FOR PRECISION

Fitted with a high grade, ergonomic and durable handle, the PPX300 is designed for comfortable all-day welding. Utilizing a strong ball joint at the rear of the gun, the PPX300 relieves strain and maximize cable flexibility without disrupting consistent wire feeding.

Additionally, the fitted liner comes installed with extra length from the Euro connector, so that you can cut it down to suit your specific machine!

### PPX300 - SPECIFICATIONS:

**W4021000** 300A @ 60% CO<sub>2</sub>, 270A @ 60% MIX,  
1.0/1.2mm U Feed Roll, 1.4mm Contact Tip, EURO, 8m





# PREMIUM MACHINE COVERS

## HEAVY DUTY PROTECTION

Introducing the ArcLocker Premium Machine Cover — designed for complete protection in even the toughest workshop environments. Made from flame retardant 1000 denier tarpaulin, this cover shields your equipment from dust, debris, moisture, and molten splash, keeping your machine in peak condition. Whether in a fabrication shop or on-site workspace, it offers a simple and effective solution to protect valuable welding assets.

The ArcLocker Premium Machine Cover range is feature packed and designed for your convenience. Front and rear flaps allow you to keep your cables and leads connected, simply slip the cover over your machine and it's protected. Make use of the side pockets to store your TIG torch, MIG gun and consumables, keeping all your equipment together.

## PROTECTION EXTENDED

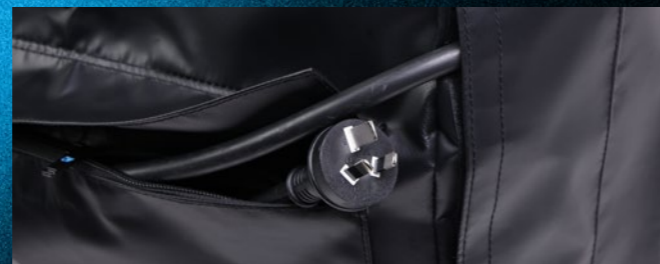
A Cover Extender is included with Medium and Large Covers, for a bit of extra height. Snap fasteners make for a quick and easy attachment, offering protection for an attached water cooler. Designed specifically for the CoolVenom 4LTR and 7LTR.

## CONVENIENCE IS KEY

A handle cutout on Small and Medium covers lets you take your protected machine with you on the go.



Front and rear flaps, combined with side pocket provide a convenient cables storage solution.



## A COVER, FIT FOR A TROLLEY!

Need a cover for a welder on a trolley? The Extra Large Machine Cover is designed to fit over a fully stacked trolley, with added height to fit a Water Cooler and External Wire Feeder. Featuring 4 large pockets to store whatever you need and an open back to keep gas and power connections attached.

# THE ULTIMATE SOLUTION IN MACHINE PROTECTION AND STORAGE

## COMPATIBLE MACHINES:

P/N	Model	Size
661601	BlueVenom PCX35	S
661603	BlueVenom PCX45	S
W1400186	BlueVenom XF186	S
W1400190	BlueVenom XF190	S
W1400200	BlueVenom XF200P <sup>3</sup>	S
800170	BlueVenom XF170	M
W1300210	BlueVenom XF210 AC/DC	M
W1400210	BlueVenom XF210 <sup>6</sup>	M
W1400195	BlueVenom XF195 SiC	M
W1400202	BlueVenom XF200 <sup>6</sup> SiC	M
W1400230	BlueVenom XF230 <sup>6</sup> SiC	M
W1300250	BlueVenom XF250 AC/DC SiC	M
W1300320	BlueVenom XF320 AC/DC SiC	M
W1400254	BlueVenom XF250 <sup>6</sup> SiC	L
W1400250	BlueVenom XF250P <sup>3</sup>	L
W1400395	Transmig 395HD	XL
W1400500	Transmig 500HD	XL
W1009750	ESAB Warrior 400i	XL

## COVER DETAILS:

P/N	Model	Dimensions (L x W x H)
457580	Small	550 x 200 x 320mm
457581	Medium	650 x 230 x 400+250mm*
457583	Large	750 x 280 x 500+275mm*
457585	Extra Large	1000 x 540 x 1200mm

\*Included Cover Extender increases height for attached water coolers





CIGWELD  
ARCMASTER  
XC90F AIR

BLUE VENOM

# CIGWELD

AN ESAB BRAND



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[CIGWELD.COM.AU](http://CIGWELD.COM.AU)

In the interest of continuous improvements, CIGWELD Pty Ltd ABN 56 007 226 815 (An ESAB Brand) reserves the right to change specifications or design on any of its products without prior notice.

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