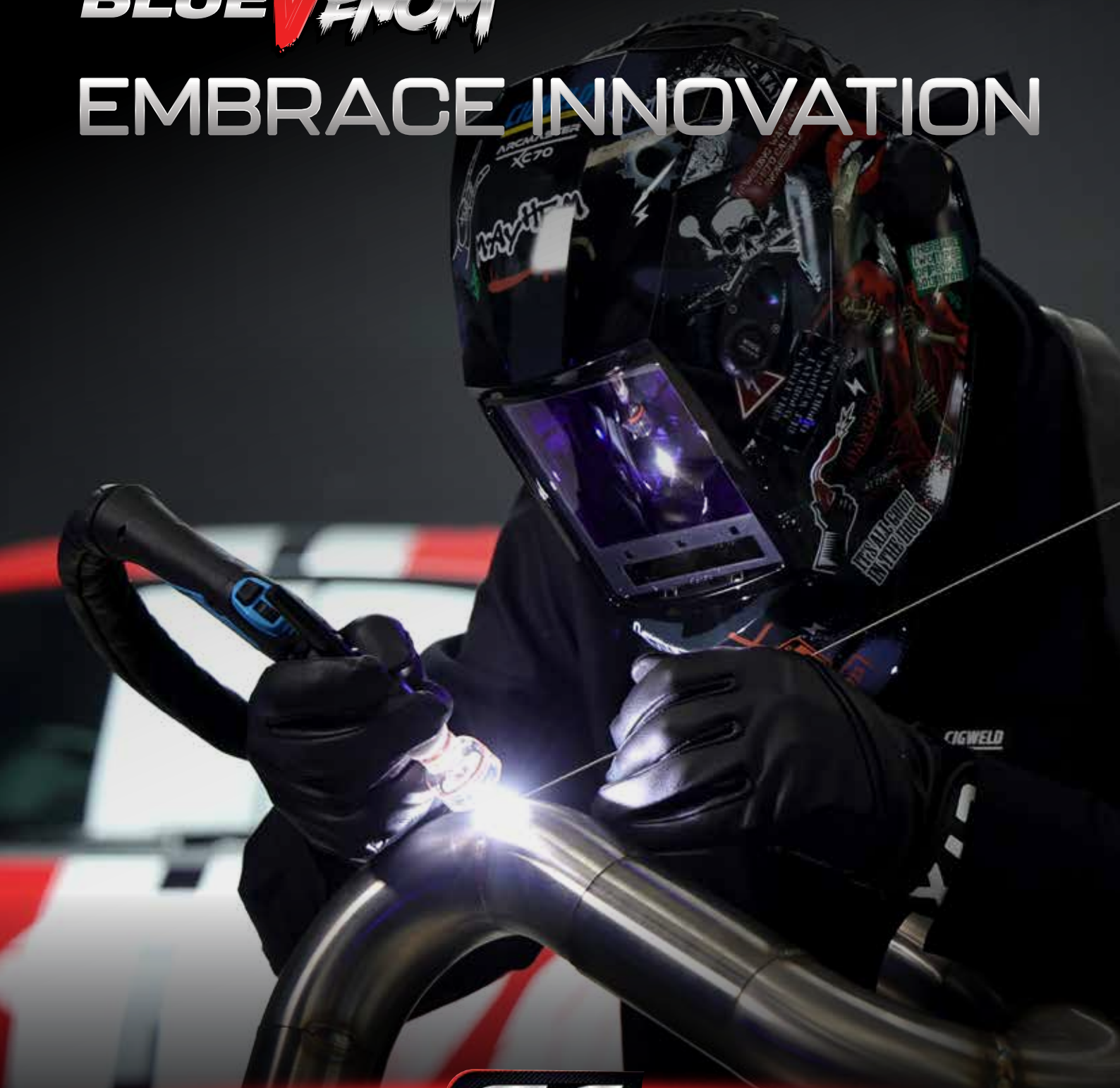
CIGWELD

AN ESAB BRAND

100+ YEARS OF WELDING INNOVATION

BLUE VENOM

EMBRACE INNOVATION



POWERED BY SiC SILICON CARBIDE INVERTER TECHNOLOGY

INTRODUCING THE SiC PRODUCT RANGE

BLUEVENOM

SiC SILICON CARBIDE INVERTER

5 YEAR WARRANTY* + EXTENDED WARRANTY 6 MONTHS REGISTER ONLINE OERLIKON.COM.AU

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



XF195 XF200⁶ XF230⁶ XF250⁶ COOLVENOM XF320⁶ COOLVENOM FEEDX4 FEEDX4 XF250 AC DC COOLVENOM XF320 AC DC COOLVENOM PCX45 PCX85 PCX105 PCX125


AN ESAB BRAND

BLUEVENOM 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.



P/N: W1400195

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



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:	8 kVA @ 0.8 PF
Amperage Range:	MIG: 30A – 200A TIG: 5A – 200A STICK: 10A – 200A
MIG Duty Cycle @ 40°	200A @ 35%, 24.0V
TIG Duty Cycle @ 40°	200A @ 60%, 18.0V
STICK Duty Cycle @ 40°	200A @ 28%, 28.0V

Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	19.2kg
Weight (Package):	31.9kg
Dimensions (Power Source):	650 x 220 x 410mm (L x W x H)
Dimensions (Package):	720 x 380 x 490mm (L x W x H)
Wire Spool Size(s):	1kg (100mm) 5kg (200mm)
Spool Gun Compatible:	Yes, on MIG MAN/ SYN modes only
Push-Pull Gun Compatible:	Yes, all MIG modes
Protection Class:	IP23S

BLUEVENOM XF195

TOTAL CONTROL. NO LIMITS.

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 with the 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 provided 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.

ADVANCED FEATURES

Weld across long distances without a drop in quality with VoltSync Line Compensation. Measure the in-line resistance and boost the output voltage, compensating for increased resistances from increased cable lengths.

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.



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.*



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 & Dimex Essentials TIG Kit
- 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 Wired/Wireless 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



P/N: W1400195



SiC INVERTER TECHNOLOGY

THE FUTURE OF WELDING AND CUTTING

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 and plasma cutting 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 inverter technology today.

POWER FACTOR CORRECTION (PFC)

SUPERIOR PERFORMANCE WITH LESS WASTE

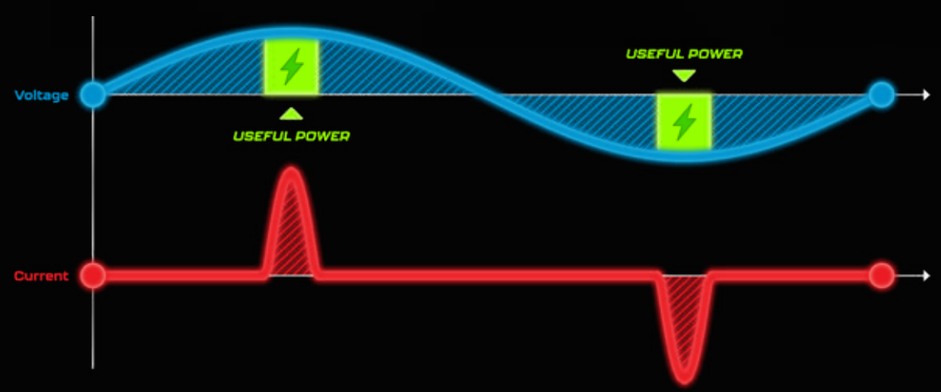
Power Factor Correction (PFC) technology maximizes the efficiency of your welding and plasma cutting machines by optimizing how it draws power from the mains supply. ‘Useful’ power is supplied to the power source only when the phases of the input voltage and current are aligned. PFC technology aligns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

Enhanced power utilization enables a more stable 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.

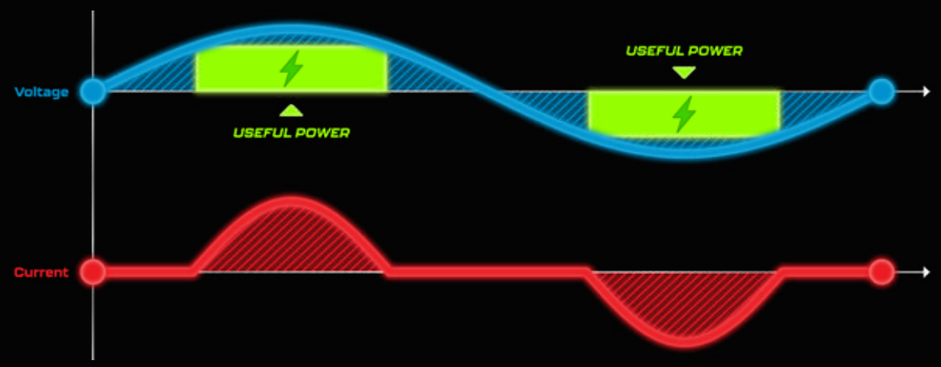
The result is a machine with greater efficiency, improved reliability, and consistent arc performance in demanding workshop and site environments.

The PCX105 & PCX125 plasma cutting machines do not feature PFC but maintain a high efficiency greater than 93%

AC SUPPLY *WITHOUT* PFC



AC SUPPLY *WITH* PFC



BLUEVENOM XF200⁶

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



ENGINEERED FOR RELIABILITY, BUILT FOR PERFORMANCE!

The BlueVenom XF200⁶ 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 XF200⁶ SiC is further enhanced with Power Factor Correction (PFC) technology. Ensuring improved energy efficiency and stable performance, even when operating with extended cable lengths.

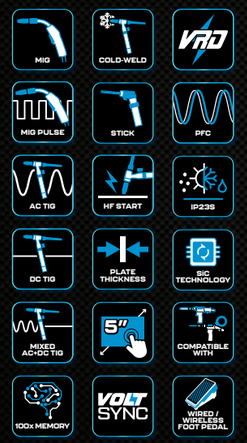
With an IP23S rated enclosure, the BlueVenom XF200⁶ SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



P/N: W1400202

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



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:	8.5 kVA @ 0.8 PF
Amperage Range:	MIG: 30A – 200A TIG: 10A – 200A STICK: 10A – 200A
MIG Duty Cycle @ 40°	200A @ 32%, 24.0V
TIG Duty Cycle @ 40°	200A @ 50%, 18.0V
STICK Duty Cycle @ 40°	200A @ 25%, 28.0V

Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	21.7kg
Weight (Package):	35.1kg
Dimensions (Power Source):	650 x 220 x 410mm (L x W x H)
Dimensions (Package):	720 x 380 x 490mm (L x W x H)
Wire Spool Size(s):	1kg (100mm), 5kg (200mm)
Spool Gun Compatible:	Yes, on MIG MAN/ SYN modes only
Push-Pull Gun Compatible:	Yes, all MIG modes
Protection Class:	IP23S

BLUEVENOM XF200⁶

NEXT GENERATION WELDING, TODAY.

FEATURE PACKED 6-IN-1!

Need the speed of MIG with the 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 XF200⁶ 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 XF200⁶ 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 XF200⁶ 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.

ADVANCED FEATURES

Weld across long distances without a drop in quality with VoltSync Line Compensation. Measure the in-line resistance and boost the output voltage, compensating for increased resistances from increased cable lengths.

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.



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 XF200⁶ SiC comes with a 5-Year Warranty.*



WHAT'S IN THE BOX:

P/N: W1400202

- BlueVenom XF200⁶ 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 & Dimex Essentials TIG Kit
- 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 Wired/Wireless 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



P/N: W1400202

QUICK SPOOL CHANGE

LESS HASSLE. MORE CONVENIENCE.

The XF195, XF200[6] and XF230[6] 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[6] and XF3206 are 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

MAXIMUM GRIP AND MINIMUM SLIP.

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.



BLUEVENOM XF230⁶

LEVEL UP EVERY WELD, DOMINATE EVERY JOB.



THE ULTIMATE WELDING MACHINE!

The BlueVenom XF230⁶ 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 XF230⁶ SiC is further enhanced with Power Factor Correction (PFC) technology, ensuring improved energy efficiency and stable performance, even when operating with extended cable lengths.

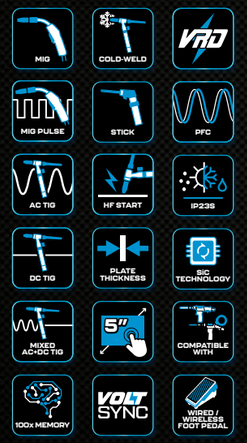
With an IP23S rated enclosure, the BlueVenom XF230⁶ SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



P/N: W1400230

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



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:	9.5 kVA @ 0.8 PF
Amperage Range:	MIG: 30A – 230A TIG: 10A – 230A STICK: 10A – 200A
MIG Duty Cycle @ 40°	230A @ 22%, 25.5V
TIG Duty Cycle @ 40°	230A @ 35%, 19.2V
STICK Duty Cycle @ 40°	200A @ 25%, 28.0V

Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	21.7kg
Weight (Package):	36.3kg
Dimensions (Power Source):	650 x 220 x 410mm (L x W x H)
Dimensions (Package):	720 x 380 x 490mm (L x W x H)
Wire Spool Size(s):	1kg (100mm) 5kg (200mm)
Spool Gun Compatible:	Yes, on MIG MAN/ SYN modes only
Push-Pull Gun Compatible:	Yes, all MIG modes
Protection Class:	IP23S

BLUEVENOM XF230⁶

HANDLE ANYTHING AND EVERYTHING

The BlueVenom XF230⁶ 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 XF230⁶ 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 230⁶ SiC is your ultimate workhorse!

Need to weld aluminium? The BlueVenom XF230⁶ 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.

ADVANCED FEATURES

Weld across long distances without a drop in quality with VoltSync Line Compensation. Measure the in-line resistance and boost the output voltage, compensating for increased resistances from increased cable lengths.

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.



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 XF230⁶ SiC comes with a 5-Year Warranty.*



READY FOR WHATEVER COMES NEXT

WHAT'S IN THE BOX:

P/N: W1400230

- BlueVenom XF230⁶ 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 & Dimex Essentials TIG Kit
- 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 Wired/Wireless 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



P/N: W1400230



DUAL GAS INLETS

LESS DOWNTIME. MORE WELD TIME.

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.

SPOOL/PUSH-PULL GUN COMPATIBILITY

SMOOTH AND RELIABLE ALUMINIUM FEEDING

SiC multi-process welders include spool gun and push-pull gun compatibility, providing greater flexibility and control. Weld in DC MIG with a spool gun for reliable feeding of soft aluminium wire, preventing birdnesting and improving arc consistency.

Push-pull capability in DC, Single Pulse, and Double Pulse MIG enables smooth, consistent wire feeding over longer torch distances Ideal for aluminium and other softer wires like a spool gun, with the added benefit of a reduced weight, size, and pulsed MIG welding.

Improve feeding reliability, weld consistency and overall productivity with the BlueVenom SiC range.



BLUEVENOM XF250⁶

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.

With an IP23S rated enclosure, the BlueVenom XF250⁶ SiC delivers tested protection against larger foreign objects and angled water spray, giving operators added confidence in tough workshop, industrial and controlled outdoor environments.



P/N: W1400254

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



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 PF
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):	47.5kg
Dimensions (Power Source):	750 x 260 x 480mm (L x W x H)
Dimensions (Package):	830 x 410 x 570mm (L x W x H)
Wire Spool Size(s):	5kg (200mm) 15kg (300mm)
Spool Gun Compatible:	Yes, on 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 XF250⁶

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 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.

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.

ADVANCED FEATURES

Weld across long distances without a drop in quality with VoltSync Line Compensation. Measure the in-line resistance and boost the output voltage, compensating for increased resistances from increased cable lengths.

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.



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 XF250⁶ SiC comes with a 5-Year Warranty.*



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

WHAT'S IN THE BOX:

P/N: W1400254

- BlueVenom XF250⁶ 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 & Dimex Essentials TIG Kit
- 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



P/N: W1400254

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 Wired/Wireless 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

COOLVENOM 7LTR

FEEDX4



VOLTSYNC LINE COMPENSATION

STABLE OUTPUT. SUPERIOR CONTROL.

Multi-process SiC Welders feature VoltSync Line Compensation, designed to maintain consistent welding performance when welding with extended cable lengths. As cable length is increased, the in-line resistance also increases, causing voltage drop and resulting in unreliable welds when using the same settings with different cable lengths.

VoltSync compensates for this voltage drop, measuring the in-line resistance and boosting the output voltage accordingly. The result is improved arc stability and more reliable weld quality control among different cable configurations. Ideal for workshops that seek consistent results with varying setups and operators.

100x MEMORY BANK

FASTER SETUPS FOR FASTER WELDS

The BlueVenom SiC range boasts a massive 100x memory bank, allowing operators to quickly save and recall customised welding and plasma cutting jobs. Saved jobs include all key parameters, making for consistent welds at any time, via any operator. Frequently used jobs can be added to dramatically reduce setup times and errors.

The 100x memory slots are designed to increase workplace productivity, offering operators greater flexibility to organise and store a wide range of jobs. Repeat welding and cutting applications are faster, more efficient, and more consistent with the BlueVenom SiC range.



BLUEVENOM XF320⁶

UNLEASH THE POWER! MASTER THE WELD!



THE TRUE POWER OF SIC TECHNOLOGY

The BlueVenom XF320⁶ SiC redefines expectations in welding performance. Delivering up to 320 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 32A factory fitted plug, 3-phase 400V power supply, the BlueVenom XF320⁶ 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 XF320⁶ SiC is protected against small debris and light rain, ready for use in industrial and outdoor environments.



P/N: W1400320

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



Power Supply (Voltage):	Three Phase –32A Plug 400V +/-10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	32 Amp (FITTED)
Minimum Generator Required:	16 kVA @ 0.8 PF
Amperage Range:	MIG: 30A – 320A TIG: 10A – 320A STICK: 10A – 320A
MIG Duty Cycle @ 40°	320A @ 40%, 30.0V
TIG Duty Cycle @ 40°	320A @ 60%, 22.8V
STICK Duty Cycle @ 40°	320A @ 40%, 32.8V
Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	33.0kg
Weight (Package):	50.0kg
Dimensions (Power Source):	750 x 260 x 480mm (L x W x H)
Dimensions (Package):	830 x 410 x 570mm (L x W x H)
Wire Spool Size(s):	5kg (200mm) 15kg (300mm)
Spool Gun Compatible:	Yes, on 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 XF320⁶

ADVANCED TECHNOLOGY. SUPERIOR PERFORMANCE.

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 XF320⁶ SiC stands as the flagship workhorse of the BlueVenom range -Powerful, Precise, and Unstoppable!

Need to weld aluminium? The BlueVenom XF320⁶ SiC is Spool Gun and Push-Pull Gun ready, granting you further reach and preventing birdnesting of softer aluminium wires.

The BlueVenom XF320⁶ SiC comes packed with a NEXARC TW4 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.

ENGINEERED FOR HIGH POWER, HIGH-CAPACITY WELDING.

Effortless control is delivered through the intuitive 7-inch Full Colour Touchscreen, providing immediate access to all welding parameters within a clean, streamlined interface. Preset Synergic settings can be selected, allowing for a quick and easy setup, with reliable welds every time.

ADVANCED FEATURES

Weld across long distances without a drop in quality with VoltSync Line Compensation. Measure the in-line resistance and boost the output voltage, compensating for increased resistances from increased cable lengths.

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.



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 XF320⁶ SiC comes with a 5-Year Warranty.*



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

WHAT'S IN THE BOX:

P/N: W1400320

- BlueVenom XF320⁶ SiC 6in1 Power Source
- NEXARC DGX TW4 OLED, 4m MIG Gun with OLED Display and 3-Button Control, Tweco 4 Style
- Dimex Elite 26F, 4m 'Flex Head' TIG Torch with Trigger Button and Remote Current Control
- Fully Equipped with Fitted MIG Consumables, Spare Tip & Dimex Essentials TIG Kit
- 500A Twist lock Electrode Holder with 3m Lead
- 3m Quick Connect Gas Hose
- 500A Earth Clamp with 3m Lead
- BlueJet Regulator/Flowmeter
- Mild Steel & Nylon Liner, Inlet/Outlet Guides
- Feedrolls: 0.9/1.2mm (x2) V (Fitted),0.9/1.2mm Knurled (x2), 1.0/1.2mm U (x2)
- Operating Manual

COMPATIBLE ACCESSORIES:

W4020052	NEXARC DGX TW4, 4m Tweco-4, 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 Wired/Wireless Foot Pedal, 8m
W4021001	SGX250 Spool Gun, 6m
W4021000	PPX300 Push-Pull Gun, 8m
W4018270	CoolVenom 7LTR Water Cooler
W3000251	BlueVenom FeedX4 Wire Feeder 3-Ph

NEXARC · dimex ELITE

PUSH PULL GUN PPX 300 BZ36

SPOOL GUN SGX 250 BZ24

COOLVENOM 7LTR · FEEDX4 3-PH



P/N: W1400320

FACTORY FITTED 3 PHASE PLUG



REDUCED WEIGHT, INCREASED PORTABILITY.

A COMPACT FORM WITH UNCOMPROMISED POWER

Silicon Carbide (SiC) Inverter technology enables inverter power sources 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 inverters, SiC inverters weigh between 10-30% less, for similar output and functions.

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

IP23S RATED

WEATHER THE WORKSITE

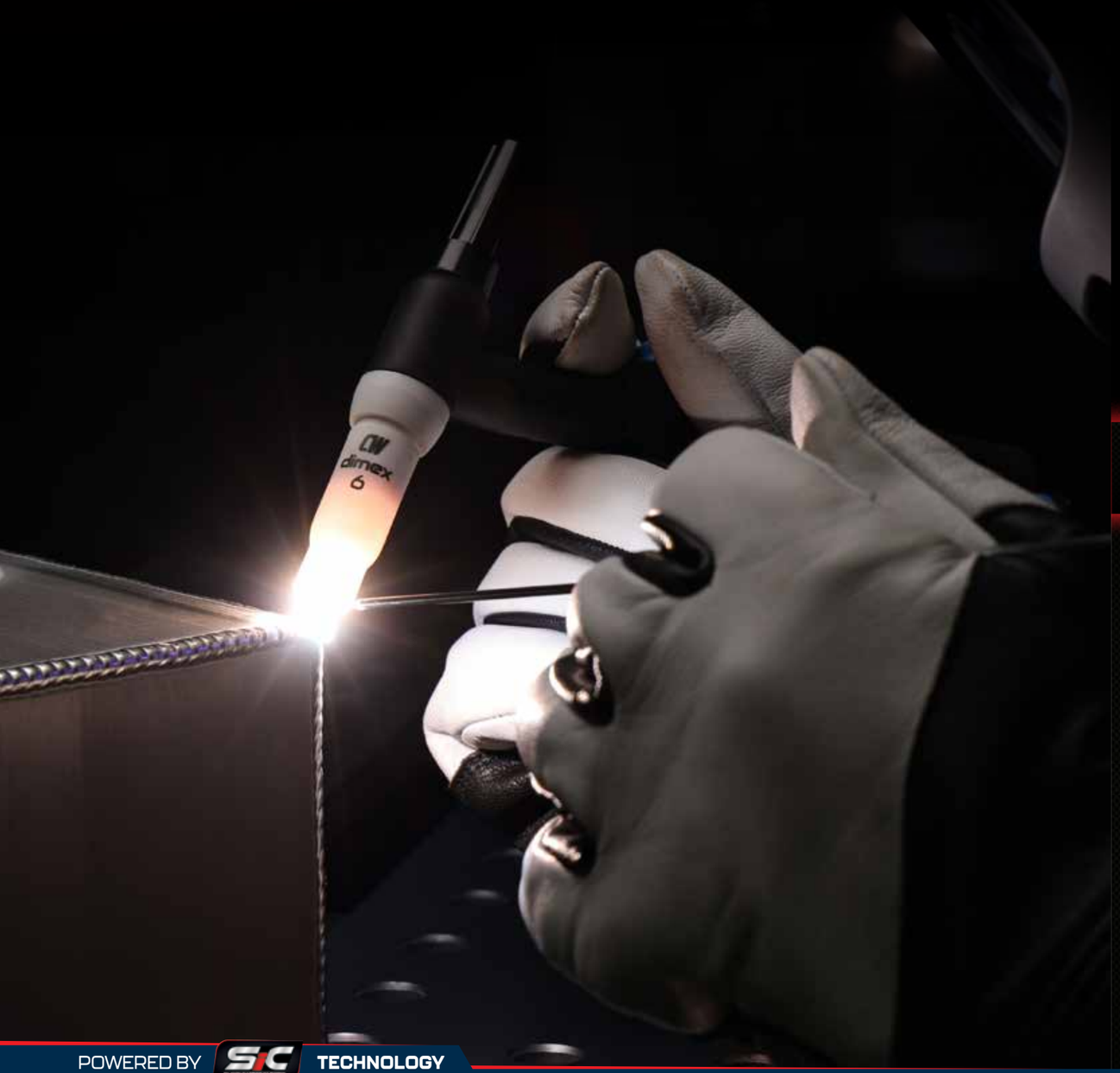
The entire SiC range is IP23S rated, providing tested protection against access to hazardous internal parts and water spray from angles up to 60° from vertical. This helps protect the machine in tough workshop conditions and gives operators added confidence when working in industrial environments or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



BLUEVENOM 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.



P/N: W1300250

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



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:	8.5 kVA @ 0.8 PF
Amperage Range:	TIG: 10A – 250A STICK: 10A – 200A
TIG Duty Cycle @ 40°	250A @ 33%, 20.0V
STICK Duty Cycle @ 40°	200A @ 25%, 28.0V

Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	17.5kg
Weight (Package):	30.5kg
Dimensions (Power Source):	660 x 190 x 370mm (L x W x H)
Dimensions (Package):	690 x 380 x 430mm (L x W x H)
Water Cooler Option:	Yes
Protection Class:	IP23S

BLUEVENOM XF250 AC DC

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 ie: 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.



WIRELESS WELD CONTROL

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.

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*.



CoolVenom 4LTR water cooler sold separately.

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
- Dimex Essentials TIG Kit
- 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 Wired/Wireless Foot Pedal, 8m
W4018240	CoolVenom 4LTR Water Cooler

COOLVENOM 4LTR

dimex ELITE



P/N: W1300250

HIGH FREQUENCY START

NO CONTACT. NO CONTAMINATION.

BlueVenom SiC welders feature high frequency (HF) start, providing a fast, reliable arc initiation without requiring the tungsten electrode to contact the workpiece. HF start works by generating a very short high-frequency voltage at the tungsten tip, establishing an arc over the gap between the tip and workpiece.

This quick and easy starting method improves consistency at the start of every weld. The non-contact arc initiation minimizes tungsten contamination to the weld pool, reducing defects throughout the weld.

4-POINT LIFTING HANDLES

DESIGNED FOR SAFER HANDLING

Designed for maximum portability and safety, the SiC range features 4-point lifting handles to make transporting your welding and plasma 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.



BLUEVENOM 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.



P/N: W1300320

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



Power Supply (Voltage):	Three Phase – 32A Plug 400V +/-10%	**Voltage Reduction Device VRD:**	Yes, on Stick Mode (<35V)
Australian Standard:	AS 60974.1:2020	**Weight (Power Source):**	20.0kg
Nominal Supply Frequency:	50/60Hz	**Weight (Package):**	33.7kg
Supply Lead & Plug:	32 Amp (FITTED)	**Dimensions (Power Source):**	660 x 190 x 370mm (L x W x H)
Minimum Generator Required:	16.0 kVA @ 0.8 PF	**Dimensions (Package):**	690 x 380 x 430mm (L x W x H)
Amperage Range:	TIG: 10A – 320A STICK: 10A – 320A	**Water Cooler Option:**	Yes
TIG Duty Cycle @ 40°	320A @ 100%, 22.8V	**Protection Class:**	IP23S
STICK Duty Cycle @ 40°	320A @ 100%, 32.8V		

BLUEVENOM XF320 AC DC

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.



WIRELESS WELD CONTROL

Weld wirelessly with the CIGWELD Wired/Wireless Foot Pedal. TIG weld with real-time, hands-free adjustment, while the wireless functionality eliminates the restrictions of a bulky control cable. No more heavy cable that is a trip hazard, requires finicky positioning, and takes longer to setup.

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*.



CoolVenom 4LTR water cooler sold separately.

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
- Dimex Essentials TIG Kit
- 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 Wired/Wireless Foot Pedal, 8m
W4018240	CoolVenom 4LTR Water Cooler

COOLVENOM 4LTR

dimex ELITE

FACTORY FITTED 3 PHASE PLUG



P/N: W1300320

SiC USER INTERFACE

Powered by a full colour LCD touchscreen, all parameters and machine settings are easily accessible through an intuitive interface inspired by modern automotive dashboards. The XF250[6] and XF320[6] elevate the experience further with a massive 7" display, offering enhanced visibility and ease of use.

MULTI-PROCESS WELDERS

The SiC multi-process welders make setup easy, simply select your synergic settings at the top of the display and your 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



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...



TIG WELDING INTERFACE

SYNERGIC SETTINGS

- Welding Mode
- Trigger
- AC/DC Waveform
- Pulse
- Electrode Diameter
- 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...

SiC PLASMA'S: SMARTER SETUP. BETTER CUTS.

Powered by advanced SiC technology, SYNERGIC mode automatically configures key cutting parameters to help deliver clean, consistent results with minimal setup. Simply select your material and thickness, then start cutting with confidence.

The intuitive full-colour LCD touchscreen provides instant visibility of cutting settings, recommended travel speed, air pressure and consumable selection, helping maximise productivity and cut quality on every job. The PCX45 features a 4.3" touchscreen display, while the PCX85, PCX105 and PCX125 are equipped with a larger 5" touchscreen interface for enhanced visibility and control.

SYNERGIC SETTINGS

- Material Selection
- Material Thickness
- Mild Steel
- Stainless Steel
- Aluminium
- Copper
- Manual or CNC Mode
- 2T / 4T Trigger Selection



ADVANCED CONTROL

- Faster Machine Setup
- Reduced Operator Guesswork
- Consistent Cut Quality
- Optimised Cutting Performance
- Simplified Material Changes
- Reduced Consumable Wear
- Repeatable Cutting Results
- Increased Productivity

LEVEL UP...

COOLVENOM 4LTR

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*.

COOLVENOM 7LTR

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.





P/N: W4018240

P/N: W4018270

BLUEVENOM FEEDX4

REACH BEYOND YOUR LIMITS!

The BlueVenom FeedX4 – a heavy-duty wire feeder designed for the BlueVenom XF250[6] SiC and XF320[6] 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.

SINGLE AND 3-PHASE READY

Welding at a high amperage? The FeedX4 3-Ph is an alternate version designed with 3-phase SiC welding machines in mind. Sporting a thick 70mm² cable, the FeedX4-3Ph boasts an impressive 500A @ 60% duty cycle.

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

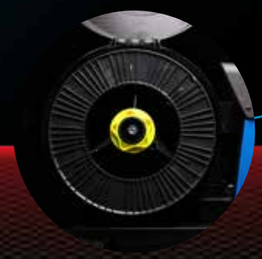
With an impressive 100x memory bank, you can save and load job parameters instantly, enabling quick and seamless switching between jobs.

WARRANTY

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

FEEDX4 COMPATIBILITY

Part Number	Feeder	Welder
W3000250	BlueVenom FeedX4	BlueVenom XF250[6] SiC
W3000251	BlueVenom FeedX4 3-Ph	BlueVenom XF320[6] SiC



15kg spool capacity.



4-roll geared wire drive fitted.



P/N: W3000250
P/N: W3000251

NEXARC DGX 24 & 36 - 4 BUTTON

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!

INTERCHANGEABLE MODULES

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

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.

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 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

DGX 36 - 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

TOUGH TESTED FOR PRECISION

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

DGX OLED MIG Guns are 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.

DGX 36 OLED - GUN SPECIFICATIONS:

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

NEXARC TW4

DIGITAL MIG GUN WITH OLED DISPLAY

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 pair the DGX TW4 with our Tweco-4 Style Front End Consumable range.

DGX TW4 OLED - GUN SPECIFICATIONS:

W4020051	NEXARC DGX TW4 OLED, 3m Tweco-4 MIG Gun with 3-Button Digital Control and OLED Display
W4020052	NEXARC DGX TW4 OLED, 4m Tweco-4 MIG Gun with 3-Button Digital Control and OLED Display
W4020053	NEXARC DGX TW4 OLED, 5m Tweco-4 MIG Gun with 3-Button Digital Control and OLED Display



NEXARC DGX 24W WATERCOOLED

NEXARC DGX 501W WATERCOOLED

DIGITAL MIG GUN WITH OLED DISPLAY

NEXARC DGX 24W & 501W OLED

The NEXARC DGX 24W and 501W OLED are equipped with interchangeable modules. The DGX 24W features a 4-button module, whereas the 501W OLED features a 3-button module with OLED display.

WATERCOOLING TECHNOLOGY

NEXARC smart cooling technology keeps the DGX 24W and 501W consistently cool, allowing longer welding at higher amps. Water enters through the base of the neck, travelling up to the base of the contact tip holder and returns via the upper section of the neck. This extends the life of consumables and supports the industrial grade, 100% duty cycle.

IMPRESSIVE DUTY CYCLE

With 100% duty cycles, the DGX 24W and DGX 501W are built to handle heavy-duty industrial applications.

DGX 24W | CO2: 300A @ 100% Duty Cycle

DGX 24W | MIX: 270A @ 100% Duty Cycle

DGX 501W | CO2: 520A @ 100% Duty Cycle

DGX 501W | MIX: 430A @ 100% Duty Cycle

INDUSTRY STANDARD CONSUMABLES

NEXARC MIG Guns utilise industry standard consumables. Pair the DGX 24W AND 501W with our BZL Style Front End Consumable range, and you can maximise your welding performance, precision and compatibility without breaking the bank!

DGX 24W - GUN SPECIFICATIONS:

W4020018	NEXARC DGX 24W, 3m BZ24 Water-Cooled MIG Gun with 4-Button Digital Control
W4020019	NEXARC DGX 24W, 4m BZ24 Water-Cooled MIG Gun with 4-Button Digital Control
W4020020	NEXARC DGX 24W, 5m BZ24 Water-Cooled MIG Gun with 4-Button Digital Control



P/N: W4020018

DGX 501W OLED - GUN SPECIFICATIONS:

W4020009	NEXARC DGX 501W OLED, 3m BZ501 Water-Cooled MIG Gun with 3-Button Digital Control and OLED Display
W4020010	NEXARC DGX 501W OLED, 4m BZ501 Water-Cooled MIG Gun with 3-Button Digital Control and OLED Display
W4020011	NEXARC DGX 501W OLED, 5m BZ501 Water-Cooled MIG Gun with 3-Button Digital Control and OLED Display



P/N: W4020009



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:

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

17F

P/N: W4022012

18F

P/N: W4022021

WATERCOOLER

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 WIRED/WIRELESS FOOT PEDAL

ADVANCED PERFORMANCE

The CIGWELD Wired/Wireless 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 CIGWELD Wired/Wireless Foot Pedal.

WIRED AND WIRELESS COMPATIBILITY

The CIGWELD Wired/Wireless Foot Pedal is wirelessly compatible with BlueVenom SiC welders, and features an 8-pin connection for compatibility with most CIGWELD and ESAB machines.

The wireless functionality offers faster setups and a tangle free solution for remote amperage control, while the 8-pin connection allows for control in workshops where Wi-Fi signals may be disrupted.





RUGGED CONSTRUCTION

Built with durability and reliability in mind, the CIGWELD Wired/Wireless 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.

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 CIGWELD Wired/Wireless Foot Pedal is exactly where you need it!

SPECIFICATIONS:

W4015826	CIGWELD Wired/Wireless 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_2, 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_2, 270A @ 60% MIX, 1.0/1.2mm U Feed Roll, 1.4mm Contact Tip, EURO, 8m




Cutting Current
85
A
CIGWELD
AN ESAB BRAND
SiC

BLUEVENOM PCX45

NEXT GENERATION PLASMA CUTTING PERFORMANCE.



COMPACT DESIGN. SERIOUS CAPABILITY

The BlueVenom PCX45 combines powerful 45A plasma performance with intelligent cutting technology to deliver fast, clean and consistent results across a wide range of applications. Featuring advanced SYNERGIC cutting modes, a responsive 4.3" touchscreen display and PCX consumable technology, the PCX45 simplifies setup while maximising cut quality and consumable life. Designed for workshops, maintenance crews and on-site fabrication, it offers professional performance from a compact, single-phase machine.

INTELLIGENT CONTROL. PROFESSIONAL RESULTS.

The PCX45 is engineered to help operators achieve optimal cutting performance with minimal setup. SYNERGIC cutting automatically adjusts key cutting parameters based on material type and thickness, reducing guesswork and improving consistency. Combined with dedicated Cut, Grid and Gouge modes, the machine adapts quickly to changing applications while maintaining excellent arc stability and cut quality



P/N: 661604

45A PLASMA CUTTING MACHINE

SYNERGIC, CUT, GOUGE & GRID MODES | PCX CUT TECHNOLOGY | 16mm CLEAN CUTS
PLUS: 4.3" LCD TOUCH SCREEN | IP23S | PFC | SiC



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:	8 kVA @ 0.8 PF
Cutting Amperage Range:	20-45A
Duty Cycle @ 40°	45A @ 45%
Duty Cycle @ 40°with upgraded 4mm² supply lead & 25A plug:	45A @ 100%
Mild Steel Clean Cut:	16mm
Mild Steel Severance Cut:	25mm
Stainless Steel Clean Cut:	16mm
Aluminium Clean Cut:	16mm

Copper Clean Cut:	6mm
Mild Steel Pierce:	10mm
Stainless Steel Pierce:	8mm
Aluminium Pierce:	6mm
Copper Pierce:	4mm
Power Factor:	0.99
Input Air Required:	5-6 Bar
Weight (Power Source):	8.6kg
Weight (Package):	15.6kg
Dimensions (Power Source)	495 x 155 x 280mm (L x W x H)
Dimensions (Package)	550 x 260 x 375mm (L x W x H)
Protection Class:	IP23S

BLUEVENOM PCX45

ADVANCED PLASMA TECHNOLOGY. SIMPLIFIED OPERATION.

DESIGNED FOR EASE OF USE

The large 4.3" LCD touchscreen provides a clear, intuitive interface that makes machine setup fast and straightforward. Operators can quickly select material type, thickness and cutting mode through easy-to-follow menus, reducing setup time and improving workflow efficiency. Real-time parameter displays and clear visual feedback help ensure optimal cutting performance every time.

READY FOR EVERY CUTTING TASK

From workshop fabrication and maintenance work to agricultural repairs and light industrial applications, the PCX45 delivers versatile plasma cutting performance. Standard Cutting, SYNERGIC Cutting, Gouging and Grid Cutting modes provide the flexibility to tackle a wide range of materials and applications. PCX consumable technology helps maintain a stable arc, clean cut edges and reliable performance across varying cutting conditions.



SAVE AND RECALL JOB SETTINGS

The integrated memory function allows operators to store and recall frequently used cutting parameters in seconds. Whether switching between different materials, thicknesses or applications, saved jobs help reduce setup time, improve consistency and streamline productivity throughout the workday.

WARRANTY

We stand behind the quality of our products, which is why the BlueVenom PCX45 SiC comes with 5-Year Warranty*.



WHAT'S IN THE BOX:

P/N: 661604

- BlueVenom PCX45 SiC Power Source
- PCX-DT-85 Digital Plasma Torch 6m
- PCX 45A Consumables Starter Kit
- Quick Connect Gas Hose
- Work Clamp and Lead
- Operating Manual

COMPATIBLE ACCESSORIES:

661614	BlueVenom PCX 85A Digital Plasma Hand Torch 6m (also available in 10m & 15m)
661615	BlueVenom PCX 85A Plasma Machine Torch 6m (also available in 10m & 15m)
CSP337039	Plasma Inline Air Filter
457580	ArcLocker Cover - Small
208613	DuraGuide Circle Guide
208614	DuraGuide Roller Guide
208615	DuraGuide Kit



P/N: 661604



GRID CUTTING

CUT THROUGH MESH, GRATING AND EXPANDED METAL WITH CONFIDENCE.

Traditional plasma cutters can struggle when cutting interrupted surfaces, causing the arc to extinguish every time it passes over a gap. The PCX Series solves this challenge with dedicated Grid Cutting Mode, allowing the pilot arc to remain active while the torch trigger is engaged. This enables smooth, uninterrupted cutting across mesh, grating, perforated plate and expanded metal applications.

Designed to maximise productivity in fabrication, maintenance and industrial environments, Grid Cutting Mode reduces downtime from repeated arc re-starts while delivering smoother cutting performance on difficult materials. The result is faster cutting, improved operator control and greater efficiency when working on applications that often challenge conventional plasma systems.

PLASMA GOUGING

CUT, REMOVE AND PREPARE WITH ONE MACHINE.

The PCX Series offers more than just plasma cutting. Dedicated Air Gouging mode transforms the machine into a powerful material removal tool, ideal for weld preparation, defect removal, back gouging, and surface rework applications.

Instead of investing in additional equipment, fabricators can perform both cutting and gouging from a single platform. The result is greater versatility, reduced equipment costs, and more capability from every machine. From manufacturing and heavy fabrication to repair and maintenance, the PCX Series adapts to the task at hand.



BLUEVENOM PCX85

NEXT GENERATION PLASMA CUTTING PERFORMANCE.



INDUSTRIAL PERFORMANCE. UNCOMPROMISING PRODUCTIVITY.

The BlueVenom PCX85 is built for professionals who demand maximum cutting performance and continuous productivity. Delivering 85 amps of cutting power, a 30mm clean cut capacity and a true 100% duty cycle at full output, the PCX85 is designed to handle demanding fabrication and production workloads with ease. Intelligent SYNERGIC controls, advanced PCX consumable technology and a high-definition 5" touchscreen interface combine to provide outstanding cut quality, fast setup and dependable operation throughout the working day.

INDUSTRIAL POWER. INTELLIGENT CONTROL.

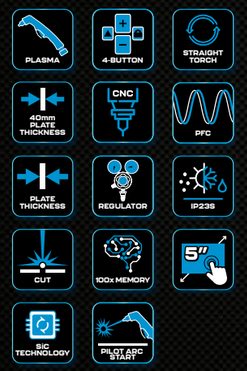
Combining advanced SiC inverter technology with intelligent SYNERGIC cutting functionality, the PCX85 automatically optimises cutting parameters for different materials and thicknesses. Dedicated Cut, Gouge and Grid Cutting modes provide exceptional versatility across a wide range of applications, helping operators achieve clean, consistent results while reducing setup time and consumable wear.



P/N: 661606

85A PLASMA CUTTING MACHINE

SYNERGIC, CUT, GOUGE & GRID MODES | PCX CUT TECHNOLOGY | 30mm CLEAN CUTS | 100% DUTY CYCLE PLUS: 5" LCD TOUCH SCREEN | IP23S | PFC | SiC



Power Supply (Voltage):	Three Phase -32A Plug 400V +/-10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	32 Amp (FITTED)
Minimum Generator Required:	14 kVA @ 0.8 PF
Cutting Amperage Range:	20-85A
Duty Cycle @ 40°	85A @ 100%, 114V
Mild Steel Clean Cut:	30mm
Mild Steel Severance Cut:	40mm
Stainless Steel Clean Cut:	25mm
Aluminium Clean Cut:	25mm
Copper Clean Cut:	20mm

Mild Steel Pierce:	16mm
Stainless Steel Pierce:	12mm
Aluminium Pierce:	11mm
Copper Pierce:	7mm
Power Factor:	0.99
Input Air Required:	5-6 Bar
Weight (Power Source):	19.6kg
Weight (Package):	27.5kg
Dimensions (Power Source)	660 x 230 x 410mm (L x W x H)
Dimensions (Package)	720 x 380 x 490mm (L x W x H)
Protection Class:	IP23S

BLUEVENOM PCX85

100% DUTY CYCLE. MAXIMUM OUTPUT.

BUILT FOR MAXIMUM PRODUCTIVITY

The large 5" colour touchscreen delivers an intuitive operator experience with quick access to all machine functions and cutting modes. Operators can easily select material type, thickness and process settings, while real-time feedback ensures optimal cutting performance. With storage for up to 100 job settings, frequently used parameters can be recalled instantly, improving efficiency and reducing downtime.

READY FOR HEAVY-DUTY FABRICATION

Designed for fabrication workshops, structural steel applications, manufacturing and maintenance operations, the PCX85 delivers the power and reliability required for demanding workloads. With 30mm clean cutting capacity and exceptional piercing performance, it handles thick materials with confidence while maintaining excellent cut quality. Combined with 100% duty cycle performance, the PCX85 is engineered to keep working as long as the job demands.

STORE. RECALL. CUT.

The integrated 100-job memory system allows operators to save and instantly recall regularly used cutting programs. Whether moving between different materials, thicknesses or applications, stored parameters ensure consistent results while reducing setup time and increasing overall productivity.

BUILT TO WORK. BACKED TO LAST.

Engineered for demanding industrial environments, the PCX85 is constructed using premium components and advanced inverter technology for long-term reliability. Backed by a comprehensive 5-year warranty, it delivers the confidence professionals need when performance matters most.





WHAT'S IN THE BOX:

P/N: 661606

- BlueVenom PCX85 SiC Power Source
- PCX-DT-85 Digital Plasma Torch 6m
- PCX 85A Consumables Starter Kit
- Quick Connect Gas Hose
- Work Clamp and Lead
- Operating Manual

COMPATIBLE ACCESSORIES:

661614	BlueVenom PCX 85A Digital Plasma Hand Torch 6m (also available in 10m & 15m)
661615	BlueVenom PCX 85A Plasma Machine Torch 6m (also available in 10m & 15m)
CSP337039	Plasma Inline Air Filter
457581	ArcLocker Cover - Medium
208613	DuraGuide Circle Guide
208614	DuraGuide Roller Guide
208615	DuraGuide Kit

BLUEVENOM PCX

DURAGUIDE



P/N: 661606

FACTORY FITTED

3 PHASE PLUG

PCX CUT TECHNOLOGY

INTEGRATED AIR FILTRATION

PROTECT YOUR CUT QUALITY.

Moisture is one of the biggest causes of poor plasma cutting performance and premature consumable wear. The integrated air filtration system helps capture water and contaminants before they enter the torch, delivering cleaner air for more stable cutting performance.

The result is improved cut quality, longer consumable life and greater confidence that your machine is performing at its best.

DIGITAL AIR PRESSURE CONTROL

PRECISION AIR CONTROL AT THE TOUCH OF A BUTTON.

Achieve optimum cutting performance every time with integrated electronic air pressure adjustment. Unlike traditional systems that require manual regulator adjustments, the PCX Series allows operators to fine-tune air pressure directly through the machine interface, ensuring ideal cutting conditions across different materials and thicknesses.

By maintaining the correct air pressure for every application, users benefit from improved cut quality, reduced dross, longer consumable life, and enhanced overall system performance. This intelligent control system provides greater precision, convenience, and confidence whether you're performing detailed fabrication work or high-volume production cutting.



BLUEVENOM PCX105

NEXT GENERATION PLASMA CUTTING PERFORMANCE.



MAXIMUM POWER. MAXIMUM PRODUCTIVITY.

The BlueVenom PCX105 delivers uncompromising plasma cutting performance for the most demanding fabrication, manufacturing and industrial maintenance applications. Producing up to 105 amps of cutting power, 40mm clean cutting capacity and a true 100% duty cycle at full output, the PCX105 is built to maintain productivity through the toughest workloads. Equipped with advanced SYNERGIC controls, PCX consumable technology and an intuitive 5" touchscreen interface, it provides exceptional cut quality, simplified operation and reliable performance day after day.

EXTREME POWER. PRECISION CONTROL.

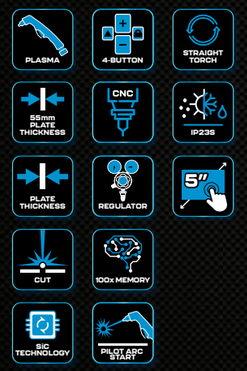
Combining advanced Silicon Carbide inverter technology with intelligent SYNERGIC functionality, the PCX105 automatically optimises cutting parameters for a wide range of materials and applications. Dedicated Cut, Gouge and Grid Cutting modes allow operators to transition quickly between tasks while maintaining outstanding arc stability, clean cut edges and reliable piercing performance.



P/N: 661608

105A PLASMA CUTTING MACHINE

SYNERGIC, CUT, GOUGE & GRID MODES | PCX CUT TECHNOLOGY | 40mm CLEAN CUTS | 100% DUTY CYCLE PLUS: 5" LCD TOUCH SCREEN | IP23S | SiC



Power Supply (Voltage):	Three Phase -32A Plug 400V +/-10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	32 Amp (FITTED)
Minimum Generator Required:	20 kVA @ 0.8 PF
Cutting Amperage Range:	20-105A
Duty Cycle @ 40°	105A @ 100%, 122V
Mild Steel Clean Cut:	40mm
Mild Steel Severance Cut:	55mm
Stainless Steel Clean Cut:	30mm
Aluminium Clean Cut:	30mm
Copper Clean Cut:	20mm

Mild Steel Pierce:	20mm
Stainless Steel Pierce:	15mm
Aluminium Pierce:	14mm
Copper Pierce:	9mm
Power Factor:	0.93
Input Air Required:	5-6 Bar
Weight (Power Source):	25.3kg
Weight (Package):	33.2kg
Dimensions (Power Source)	660 x 230 x 410mm (L x W x H)
Dimensions (Package)	720 x 380 x 490mm (L x W x H)
Protection Class:	IP23S

BLUEVENOM PCX105

40mm CLEAN CUTS. 100% DUTY CYCLE.

DESIGNED FOR INDUSTRIAL EFFICIENCY

The large 5" colour touchscreen simplifies machine setup and operation with an intuitive interface and clear parameter display. Operators can quickly select material type, thickness and cutting mode while monitoring key cutting data in real time. With storage for up to 100 customised job settings, repeat work can be completed faster and with greater consistency.

BUILT FOR THE TOUGHEST JOBS

From heavy fabrication and structural steel work to manufacturing, maintenance and repair operations, the PCX105 delivers exceptional cutting capability across a broad range of applications. With clean cutting capacity up to 40mm, powerful piercing performance and dedicated gouging functionality, it is designed to tackle thicker materials with confidence while maintaining excellent cut quality and productivity.



SAVE TIME WITH SMART JOB RECALL

The integrated 100-job memory bank allows operators to save and instantly recall frequently used cutting parameters. This reduces setup time, improves repeatability and ensures consistent performance when moving between different materials, thicknesses and production runs.

ENGINEERED TO PERFORM. BUILT TO LAST.

Manufactured using premium industrial-grade components and advanced inverter technology, the PCX105 is designed for long-term reliability in demanding environments. Backed by a comprehensive 5-year warranty, it provides confidence, durability and dependable performance for professional users.



WHAT'S IN THE BOX:

P/N: 661608

- BlueVenom PCX105 SiC Power Source
- PCX-DT-125 Digital Plasma Torch 6m
- PCX 105A Consumables Starter Kit
- Quick Connect Gas Hose
- Work Clamp and Lead
- Operating Manual

COMPATIBLE ACCESSORIES:

661616	BlueVenom PCX 125A Digital Plasma Hand Torch 6m (also available in 10m & 15m)
661617	BlueVenom PCX 125A Plasma Machine Torch 6m (also available in 10m & 15m)
CSP337039	Plasma Inline Air Filter
457581	ArcLocker Cover - Medium
208613	DuraGuide Circle Guide
208614	DuraGuide Roller Guide
208615	DuraGuide Kit

BLUEVENOM PCX

DURAGUIDE



P/N: 661608

FACTORY FITTED 3 PHASE PLUG

PCX CUT TECHNOLOGY



SMART SYNERGIC TECHNOLOGY

CUT SMARTER. WORK FASTER.

Take the guesswork out of plasma cutting with advanced Synergic Technology. Simply select your material type and thickness, and the PCX automatically calculates and applies the optimal cutting parameters for the job. No trial-and-error, no wasted consumables, and no lost production time. Operators can achieve excellent results from the very first cut, while experienced fabricators benefit from faster setup and greater consistency across every project.

Whether cutting mild steel, stainless steel, aluminium, or copper, the intelligent setup system helps deliver cleaner cuts, improved edge quality, and repeatable performance. From workshop fabrication to onsite maintenance, Synergic Technology keeps productivity high and downtime low.

TRUE MULTI-MATERIAL VERSATILITY

ONE PLASMA. ENDLESS POSSIBILITIES.

From structural steel fabrication to aluminium repairs and stainless steel processing, the PCX Series is designed to handle a wide range of cutting applications with ease. Optimised cutting programs allow operators to switch between materials quickly while maintaining exceptional cut quality and efficiency.

This versatility eliminates the need for multiple cutting systems and allows workshops to take on a broader range of jobs with confidence. Whether you're fabricating, repairing, maintaining, or manufacturing, the PCX Series provides professional cutting performance across the materials that matter most.



BLUEVENOM PCX125

NEXT GENERATION PLASMA CUTTING PERFORMANCE.



SERIOUS POWER FOR SERIOUS FABRICATION.

The BlueVenom PCX125 is engineered to deliver exceptional cutting power for demanding industrial fabrication, manufacturing and maintenance applications. Producing up to 125 amps of output with an impressive 45mm clean cut capacity and 60mm severance capability, the PCX125 is built to tackle thick materials while maintaining outstanding cut quality. Featuring intelligent SYNERGIC controls, advanced PCX consumable technology and a responsive 5" touchscreen interface, it delivers professional results with maximum productivity and minimal setup time.

HIGHER OUTPUT. GREATER PRODUCTIVITY.

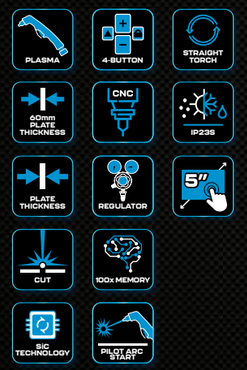
The PCX125 combines advanced Silicon Carbide inverter technology with intelligent cutting control to optimise performance across a wide range of materials and thicknesses. Dedicated Cut, Gouge and Grid Cutting modes provide exceptional versatility, while PCX consumables help produce stable arc performance, excellent edge quality and improved consumable life in demanding industrial environments.



P/N: 661610

125A PLASMA CUTTING MACHINE

SYNERGIC, CUT, GOUGE & GRID MODES | PCX CUT TECHNOLOGY | 45mm CLEAN CUTS | 100% DUTY CYCLE PLUS: 5" LCD TOUCH SCREEN | IP23S | SiC



Power Supply (Voltage):	Three Phase -32A Plug 400V +/-10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	32 Amp (FITTED)
Minimum Generator Required:	25 kVA @ 0.8 PF
Cutting Amperage Range:	20-125A
Duty Cycle @ 40°	125A @ 100%, 122V
Mild Steel Clean Cut:	40mm
Mild Steel Severance Cut:	60mm
Stainless Steel Clean Cut:	45mm
Aluminium Clean Cut:	35mm
Copper Clean Cut:	25mm

Mild Steel Pierce:	25mm
Stainless Steel Pierce:	18mm
Aluminium Pierce:	17mm
Copper Pierce:	11mm
Power Factor:	0.94
Input Air Required:	5-6 Bar
Weight (Power Source):	27.6kg
Weight (Package):	35.5kg
Dimensions (Power Source)	660 x 230 x 410mm (L x W x H)
Dimensions (Package)	720 x 380 x 490mm (L x W x H)
Protection Class:	IP23S

BLUEVENOM PCX125

THE ULTIMATE POWERHOUSE IN THE PCX RANGE.

DESIGNED TO KEEP YOU WORKING

The intuitive 5" colour touchscreen simplifies machine setup and operation with easy access to cutting modes, material selection and parameter adjustment. Clear real-time feedback allows operators to monitor performance at a glance, while the ability to store up to 100 job settings helps reduce setup time and improve workflow efficiency across repetitive applications.

BUILT FOR HEAVY INDUSTRIAL CUTTING

Whether processing structural steel, heavy plate, stainless steel, aluminium or maintenance repair work, the PCX125 delivers the power needed for demanding applications. With clean cutting capacity up to 45mm and severance capability up to 60mm, it provides outstanding versatility for fabrication shops, manufacturing facilities and industrial maintenance operations. Combined with 100% duty cycle performance, the PCX125 is built to maintain productivity throughout extended cutting operations.

SAVE SETTINGS. BOOST EFFICIENCY.

The integrated 100-job memory system allows operators to save and instantly recall frequently used cutting parameters. By eliminating repeated setup adjustments, the PCX125 improves consistency, increases productivity and helps operators switch quickly between different materials and applications.

INDUSTRIAL STRENGTH. LONG-TERM CONFIDENCE.

Built using premium industrial-grade components and advanced inverter technology, the PCX125 is designed for reliability in the toughest working environments. Backed by a comprehensive 5-year warranty, it delivers the confidence professionals need when performance and uptime matter most.





WHAT'S IN THE BOX:

P/N: 661610

- BlueVenom PCX125 SiC Power Source
- PCX-DT-125 Digital Plasma Torch 6m
- PCX 125A Consumables Starter Kit
- Quick Connect Gas Hose
- Work Clamp and Lead
- Operating Manual

COMPATIBLE ACCESSORIES:

661616	BlueVenom PCX 125A Digital Plasma Hand Torch 6m (also available in 10m & 15m)
661617	BlueVenom PCX 125A Plasma Machine Torch 6m (also available in 10m & 15m)
CSP337039	Plasma Inline Air Filter
457581	ArcLocker Cover - Medium
208613	DuraGuide Circle Guide
208614	DuraGuide Roller Guide
208615	DuraGuide Kit

BLUEVENOM PCX CUT TECHNOLOGY

DURAGUIDE



P/N: 661610



FACTORY FITTED 3 PHASE PLUG

PCX CUT TECHNOLOGY



ADVANCED PILOT ARC PERFORMANCE

RELIABLE STARTS. MAXIMUM PRODUCTIVITY.

Engineered for demanding cutting environments, the advanced Pilot Arc system delivers fast, reliable arc ignition on every cut. The high-performance pilot arc controller allows operators to cut through mesh, expanded metal, grating, and other interrupted surfaces without constant arc interruptions.

By reducing unnecessary wear during arc starts, the system helps extend consumable life while maintaining stable cutting performance. The result is greater productivity, reduced operating costs, and smoother operation when working with challenging materials that often slow down conventional plasma systems.

CNC READY FOR AUTOMATION

DESIGNED FOR TODAY'S WORKSHOP.

Ready for Tomorrow's Growth. The PCX Series bridges the gap between manual cutting and automated production. Built-in CNC connectivity, voltage divider outputs, arc transfer signals, and dedicated machine torch compatibility make integration into CNC cutting systems simple and efficient.

Whether you're upgrading your fabrication business, expanding production capacity, or adding automation to improve consistency, the PCX platform is ready to grow with your operation.

Achieve precise, repeatable results while unlocking the productivity benefits of mechanised cutting technology.



PCX TORCHES

ONE PLATFORM. TWO TORCH SOLUTIONS.

The PCX Plasma range has been engineered around real-world fabrication requirements, offering a choice of advanced Digital Hand Torches and Straight CNC Torches. Both torch platforms utilise the same proven consumable system, allowing operators to move seamlessly between manual and mechanised cutting while reducing inventory costs and simplifying consumable management.

PCX-DT DIGITAL HAND TORCH

HD LCD TORCH CONTROL. UNMATCHED CONVENIENCE.

The PCX-DT Digital Torch brings machine control directly to the operator. The integrated HD LCD display allows adjustment of cutting amperage, gas pre-flow, gas post-flow, air pressure monitoring and trigger modes directly from the torch handle. No returning to the power source, no unnecessary interruptions and no wasted time. Simply adjust, cut and keep working.

ADJUST SETTINGS WITHOUT LEAVING THE JOB.

The integrated HD LCD interface transforms the PCX-DT from a standard plasma torch into a complete cutting control platform. Operators can fine tune settings exactly where the work is happening, improving efficiency when changing material thicknesses, moving between applications or working on large fabrication projects.





CURRENT
125
amps
Amperage

PRE GAS
90
sec
Pre Gas

POST GAS
90
sec
Post Gas

PRESSURE
5.2
bar
Pressure

TRIGGER
2T
Trigger

P/N: 661612

ON-TORCH CONTROLS

- Cutting Amperage
- Air Pressure Monitoring
- Gas Pre-Flow Adjustment
- Gas Post-Flow Adjustment
- 2T / 4T Trigger Modes
- Control Lock Function
- High-Contrast HD LCD Display

KEY FEATURES

- Integrated HD LCD display
- Adjust settings directly from the torch
- Air pressure monitoring
- 2T and 4T trigger modes
- Lockable controls
- Available in 85A and 125A versions
- 6m, 10m and 15m lead options

PCX CUT TECHNOLOGY TORCHES

ADVANCED TORCHES. PROFESSIONAL RESULTS.





P/N: 661615

PCX-ST STRAIGHT CNC TORCH

BUILT FOR AUTOMATED PRECISION.

Designed specifically for CNC and mechanised cutting systems, the PCX-ST Straight Torch delivers accurate, repeatable results in demanding production environments. The streamlined torch design provides secure mounting compatibility with torch height control systems while utilising the same consumables as the handheld torch range.

KEY FEATURES

- Dedicated CNC torch design
- Compatible with Torch Height Control systems
- Optimised for automated cutting
- Shared consumable platform
- Available in 85A and 125A versions
- 6m, 10m and 15m lead options

VARIOUS · CNC · 60% · A HIGH AMPERAGE · PCX

ONE CONSUMABLE SYSTEM. ENDLESS POSSIBILITIES.

The PCX consumable platform has been engineered to maximise versatility across the entire PCX plasma range. Whether cutting, drag cutting, mechanised cutting or gouging, operators can configure the torch for the application while maintaining exceptional cut quality and consumable performance. Shared consumable components across hand and CNC torches simplify inventory management and reduce operating costs.

STANDARD CUTTING

CLEAN CUTS. RELIABLE PERFORMANCE.

Precision cutting tips are available in amperage ratings from 45A through to 125A, allowing operators to match consumable performance to the material thickness and application requirements.

GOUGING

MORE THAN JUST A CUTTER.

Dedicated gouging consumables transform the PCX system into a versatile metal removal solution for weld preparation, defect removal and surface preparation applications. Optimised gouging caps and tips provide improved visibility and material removal efficiency.

FULL-RANGE DRAG CUTTING

DRAG CUT AT FULL OUTPUT.

Unlike many conventional plasma systems that limit drag cutting to low amperage operation, the PCX drag cap system is approved for direct-contact cutting throughout the torch's operating range when matched with the correct consumables. This provides greater control, improved accuracy and increased operator confidence.

SHARED CONSUMABLE PLATFORM

SIMPLIFY YOUR INVENTORY.

Both PCX-DT and PCX-ST torches utilise common electrodes, tips and support components, helping reduce stocking requirements and ensuring operators always have the right consumables available when needed.

DURAGUIDE

TAKE CONTROL OF EVERY CUT.

The DuraGuide Plasma Cutting System is designed to make straight-line, circle and bevel cutting easier, smoother and more accurate. Featuring non-jamming guide technology, adjustable circle diameters, consistent tip-height control and multiple pivot options, DuraGuide helps operators achieve cleaner cuts, improved accuracy and greater consistency across a wide range of plasma cutting applications.

BENEFITS

- Improved cut accuracy
- Consistent tip-height control
- Smoother torch travel
- Reduced operator fatigue
- Ideal for fabrication and repair work

STRAIGHT LINE CUTTING

STRAIGHT CUTS. PROFESSIONAL RESULTS.

The DuraGuide Roller Guide provides smooth, controlled torch movement along a straight edge, helping minimise wandering and improve edge quality. Consistent tip-to-work distance improves cut quality while reducing operator fatigue during long cutting runs.



STRAIGHT CUTTING

BEVEL CUTTING

PRECISION ANGLES MADE EASY.

The adjustable roller guide allows the torch angle to be set for accurate bevel cutting while maintaining a controlled tip-to-work distance. Perfect for weld preparation and fabrication work requiring consistent bevel profiles.



BEVEL CUTTING

BUILT FOR VERSATILITY

ONE SYSTEM. MULTIPLE APPLICATIONS.

Whether cutting straight lines, circles, curves or bevels, DuraGuide provides a practical and versatile solution for everyday workshop and industrial cutting applications.

KEY FEATURES

- Non-jamming guide design
- Consistent tip-height control
- Adjustable cutting radius
- Straight-line cutting
- Circle cutting
- Bevel cutting
- Magnetic and suction pivot options
- Durable carry case included in kit

ACCURATE CIRCLES. CONSISTENT RESULTS.

DuraGuide circle cutting accessories allow operators to produce accurate circular cuts quickly and repeatedly. Adjustable radius settings and multiple pivot options provide exceptional flexibility across steel, aluminium and non-ferrous materials.

CIRCLE CUTTING GUIDE

PERFECT CIRCLES EVERY TIME.

The DuraGuide Circle Guide allows precise adjustment of cutting radius for smooth, accurate circular cutting. Suitable for both small and large diameter circles, it helps improve repeatability and reduces material waste compared with freehand cutting.



CIRCLE CUTTING



P/N: 208615

MAGNETIC PIVOT

FAST SETUP ON STEEL SURFACES.

The magnetic pivot provides a secure centre point when cutting circles on steel plate. Alignment grooves simplify setup while helping maintain stability and accuracy throughout the cut.

SUCTION PIVOT

ACCURATE CUTTING ON NON-MAGNETIC MATERIALS.

For aluminium, stainless steel and other non-magnetic surfaces, the suction pivot provides an alternative centre-point solution. This allows the same guide system to be used across a broader range of materials and applications.

DEDICATED PCX COMPATIBILITY

DESIGNED FOR THE BLUEVENOM PCX RANGE.

Dedicated DuraGuide accessories are available specifically for BlueVenom PCX 85A and 125A plasma torches, allowing users to maximise cutting precision while complementing the advanced performance of the PCX platform.

BLUEVENOM PCX

PREMIUM
MACHINE COVERS

THE ULTIMATE SOLUTION IN MACHINE PROTECTION AND STORAGE

HEAVY DUTY PROTECTION

Introducing the ArcLocker Premium Machine Cover — designed for complete protection in even the toughest workshop environments. Made from 1000 denier tarpaulin, this cover shields your equipment from dust, debris, moisture, and is tear resistant, 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.

COMPATIBLE MACHINES:

Part Number	Model	Size
661601	BlueVenom PCX35	S
661603	BlueVenom PCX45	S
661604	BlueVenom PCX45	S
661606	BlueVenom PCX85	M
661608	BlueVenom PCX105	M
661610	BlueVenom PCX125	M
W1400186	BlueVenom XF186	S
W1400190	BlueVenom XF190	S
W1400200	BlueVenom XF200P³	S
800170	BlueVenom XF170	M
W1300210	BlueVenom XF210 AC/DC	M
W1400210	BlueVenom XF210⁶	M
W1400195	BlueVenom XF195 SiC	M
W1400202	BlueVenom XF200⁶ SiC	M
W1400230	BlueVenom XF230⁶ SiC	M
W1300250	BlueVenom XF250 AC/DC SiC	M
W1300320	BlueVenom XF320 AC/DC SiC	M
W1400254	BlueVenom XF250⁶ SiC	L
W1400250	BlueVenom XF250P³	L
W1400395	Transmig 395HD	XL
W1400500	Transmig 500HD	XL
W1009750	ESAB Warrior 400i	XL

COVER DETAILS:

Part Number	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

CAUTION: Remove protective cover before operating the machine.
Failure to remove the cover may result in equipment failure, fire, or personal injury.



CIGWELD

AN ESAB BRAND

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742817-01-626