

CIGWELD

AN ESAB BRAND

BLUE VENOM

XF250P3

MULTIPROCESS MIG-STICK-TIG WELDER with PULSE and PFC



DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

**WHEN THE JOB DEMANDS STRENGTH AND SPEED,
STEP UP TO THE PLATE WITH OUR ULTIMATE MIG SOLUTION.**

A BEAST OF A MACHINE. PRECISION IN EVERY PASS.

The **BlueVenom XF250P3** – the Big Brother of the market changing BlueVenom XF200P3 is a high-performance 250A multi-process powerhouse welding inverter spec'd up to deliver on your demands!

Ready to rock out of the box, this beast packs advanced features designed to meet the demands of both serious enthusiasts and seasoned professionals. Equipped with three pulse modes: Single & Double Pulse MIG, Stick Pulse, and TIG Pulse, delivering precision and versatility across every application.

Aluminium Pulse MIG Welding delivers excellent thin metal welding results that can be customized to allow adjustable “ripple spacing” (dimes) to achieve MIG-Welds that look like TIG-Welds!

Weld most metals including Mild Steel, Stainless Steel, Aluminium and Bronze with using 100mm, 200mm or 300mm (15kg) spools.

Running off a 15A input plug, this single phase 230V Multi-process workhorse also boasts **Power Factor Correction (PFC)** providing greater power efficiencies and more stable operation especially when using extension leads.

FEATURE LOADED. EFFORTLESSLY SIMPLE.

Have the flexibility to run the unit with the help of “**AUTOSET**” guiding you through each step to get welding, from **Plate Thickness** selection to choosing your **Joint Type**: Butt, Lap, Fillet and Corner – it couldn't be easier! If you know what you want, take full control of the machine through its Manual mode and run the unit your way with fine tuning of Pre-Set Wire Speed & Volts and full control over manual settings.

Designed with the passionate welder in mind, CIGWELD has introduced “**Opti-Start**” - a feature that lets you fine-tune arc starts with adjustable Opti-Start Volts, Amps and Time controls for total arc control from the first strike. End your welds the using the End Volts, Amps and Time feature, to tailor the finish to your like!

As a multi-process machine supporting both gas-shielded and gasless MIG welding, this unit offers exceptional versatility for a wide range of applications - from maintenance and fabrication to home or farm workshops, jobsites, and marine service centers.

ADDED FEATURES

Compatibility

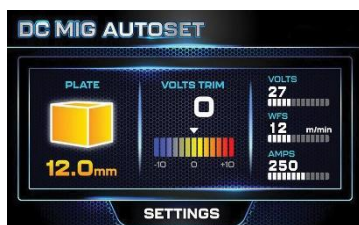
To make things even better it's equipped with a 4x Roll (cogged) All Driven wire drive system for smooth and effortless wire feedability and is compatible with Push-Pull Gun, Spool Gun, TIG foot control and Dial Remote TIG torch!

Memory

With **60x Memory** provisions you will be able to save and load job parameters on the fly to suit the job at hand.

Intuitive Display

Navigate with ease through the intuitive **7" Full Colour LCD!** Custom set values to get the most out of your welds – from Voltage Trim and Adjustable Burnback to Hard and Soft start tweaks (Opti-Start Technology) the XF250P³ doesn't hold back!



TECHNICAL SPECIFICATIONS

Power Supply (Voltage):	Single Phase – 15A Plug 230V +/- 10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	15 Amp
Minimum Generator Required:	10.5 kVA (0.8 Power Factor at Max Amps)
Amperage Range:	MIG: 30A – 250A TIG: 10A – 250A STICK: 30A – 205A
MIG Duty Cycle @ 40°	250A @ 18%, 26.5V
TIG Duty Cycle @ 40°	250A @ 25%, 20.0V
STICK Duty Cycle @ 40°	205A @ 25%, 28.2V
Voltage Reduction Device VRD:	Yes on Stick Mode (<35V)
Weight (Power Source):	25.5kg
Weight (Package):	36kg
Dimensions (Power Source):	620 (L) x 260 (W) x 495 (H)
Dimensions (Package):	715 (L) x 385 (W) x 520 (H)
Protection Class:	IP23S

WARRANTY PERIOD

We stand behind the quality of our products, which is why the BlueVenom XF250P³ comes with **3-Year Warranty**.

WHAT'S IN THE BOX:

- BlueVenom XF250P³ Power Source
- 3m NEXARC DGX36 MIG Gun with 4-Button Control
- 200A Twist lock Electrode Holder with 3m Lead
- 2m Quick Connect Gas Hose
- 300A Earth Clamp with 3m Lead
- BlueJet Regulator/Flowmeter
- Feedrolls: 0.8/0.9mm (x2) V-Groove (Fitted)
0.8/0.9mm (x2) Knurled, 1.0/1.2mm (x2) U-Groove
- Mild Steel Liner (Fitted), Nylon Liner, Inlet/Outlet Guides
- Operating Manual

ORDERING DETAILS



BlueVenom
XF250P³
P/N: W1400250

BLUE VENOM
XF250P³

