

# CIGWELD

AN ESAB BRAND



100+  
YEARS OF  
WELDING  
INNOVATION

# BLUE VENOM

## XF210 AC/DC

AC/DC TIG WELDER  
with PFC



**STACK DIMES WITH PRECISION! HIGH-PERFORMANCE AC/DC TIG WELDING BUILT FOR CLEAN, FLAWLESS TIG WELDS.**

## START YOUR PROJECT WITH CONFIDENCE!

The **BlueVenom XF210 AC/DC** is a high-performance 210A TIG welding inverter that has been built to help you achieve the best quality showcase welds for your job. Start your next Aluminium project with ease thanks to the in-built Synergic with Plate Thickness settings that have been fine tuned so you can start stacking dimes right out of the box – with an impressive **Duty Cycle of 210A @ 40%**!

Let's not forget it has **High Frequency Start!** Make yourself comfortable, position the torch at the weld and simply press the button on the TIG torch to create the arc! Help preserve the lifespan of your tungsten's tip by using HF, as it avoids contaminating the weld, but also the tungsten itself.

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

## SUPERIOR AC TIG & PARAMETER CONTROL

Get the perfect TIG welds you need using one of the **11 in-built Arc Wave settings** to give you even more control over your job.

**Select from the following AC Arc Wave forms:** Square, Sine, Triangle, Square-Sine, Square-Triangle, Sine Square, Sine Triangle, Triangle Square, Triangle Sine, Trapezoidal, Soft Square.

You also have the flexibility to run the unit with the help of **"AUTOSSET"** 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!

Combining STICK and TIG, allows to **increase your productivity:** run TIG root passes and finish with STICK. Thanks to the higher deposition rates of STICK, achieve greater speed without compromising penetration.

# ADDED FEATURES

## STICK with PULSE

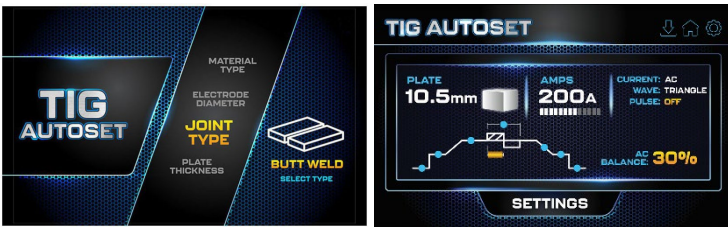
The **BlueVenom XF210 AC/DC TIG** continues its value packed offer by including Stick as well as **Stick with Pulse** producing cleaner welds with less spatter due to better arc and heat control – better for vertical or overhead welds (over standard Stick). Stick also enables the user to weld where TIG is not feasible ie: outdoors, no gas availability, remote access, dirtier materials or where a more economical option is required.

## 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

Powered by a **5" Full Colour LCD** display that has been optimized for ease of navigation so you can spend more time welding and less time searching for settings.



# WARRANTY PERIOD

We stand behind the quality of our products, which is why the **BlueVenom XF210 AC/DC** comes with **3-Year Warranty**.

## WHAT'S IN THE BOX:

- BlueVenom XF210 AC/DC Power Source
- 4m Flame Series WP26F Flex Head TIG Torch with Current Control and On/Off Button
- TIG Consumables Kit
- 200A Twist lock Electrode Holder with 4m Lead
- 3m Quick Connect Gas Hose
- 300A Earth Clamp with 3m Lead
- BlueJet Regulator/Flowmeter
- Operating Manual

# ORDERING DETAILS



BlueVenom  
XF210 AC/DC  
P/N: W1300210

# TECHNICAL SPECIFICATIONS

<b>Power Supply (Voltage):</b>	Single Phase – 15A Plug 230V +/- 10%
<b>Australian Standard:</b>	AS 60974.1:2020
<b>Nominal Supply Frequency:</b>	50/60Hz
<b>Supply Lead &amp; Plug:</b>	15 Amp
<b>Minimum Generator Required:</b>	8.0 kVA (0.8 Power Factor at Max Amps)
<b>Amperage Range:</b>	TIG: 10A – 210A STICK: 40A – 185A
<b>TIG Duty Cycle @ 40°</b>	210A @ 40%, 18.4V
<b>STICK Duty Cycle @ 40°</b>	185A @ 25%, 27.4V
<b>Voltage Reduction Device VRD:</b>	Yes on Stick Mode (<35V)
<b>Weight (Power Source):</b>	17.2kg
<b>Weight (Package):</b>	27.2kg
<b>Dimensions (Power Source):</b>	555 (L) x 210 (W) x 370 (H)
<b>Dimensions (Package):</b>	670 (L) x 345 (W) x 425 (H)
<b>Protection Class:</b>	IP23S

