

CIGWELD

AN ESAB BRAND

MIG

STICK

TIG DC-Lift



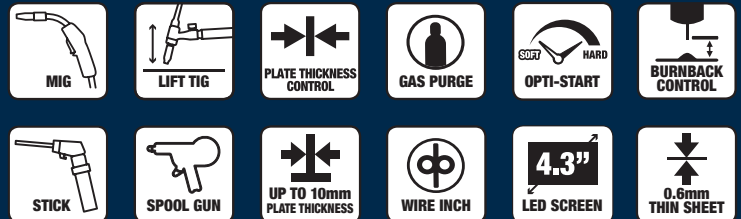
DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

BLUEVENOM XF190

MULTI PROCESS WELDING INVERTER



SYNERGIC 3-IN-1 WELDING INVERTER WITH MIG PLATE THICKNESS SELECTION



SMALLER, LIGHTER, YET MORE POWER

- The all NEW BlueVENOM XF190 is loaded with Xtra Functions that pack a serious sting to help you get your job done right.
- 30% smaller than some other machines in its class and lighter in weight at only 9.5kg's, the XF190 is an 3-in-1 multi-process welding machine with QuickSet Plate Thickness selection taking the guesswork out of welding!
- Plate Thickness setting allows you to set up in a flash! There is no guessing the welding parameters. Use the QuickSet feature to set the machine to the correct plate thickness you are welding.
- **TIP:** You can check the plate thickness with a measuring device, such as a ruler or vernier caliper. If two different plate thicknesses are to be joined, then add the two together and divide by 2 and use the average plate thickness as your setting guide.
- Navigate with ease through the bright blue 4.3" Sharp LED panel for superior clarity and 'Plug n' Weld' using a 230V/240V 10 Amp plug to get you striking that arc in no time!
- The XF190 can deliver awesome arc characteristics in the most popular processes of, MIG (QuickSet and Manual, Gas & Gasless), STICK (MMAW for Electrodes with VRD for extra safety) and TIG (DC Lift TIG) welding modes.



CIGWELD Data Sheet **BlueVENOM XF190 V1-2023**
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EASY TO USE, EASY TO SET

- QuickSet, simple to set & weld
- Spool Gun compatible, great for Aluminium (sold separately)
- Suitable for 100mm and 200mm Diameter Spools
- MIG Gasless and MIG Gas Shielded
- Bright Blue LED screen great for outdoor viewing
- Fine tuning of Pre-Set Wire Speed & Volts
- Full control over manual settings
- Welding wire size selection
- Recommended MIG & TIG welding thickness range 0.6mm - 10mm
- Recommended STICK welding thickness range 1.6mm - 12mm
- Factory Settings reset feature
- You can weld most metals including Mild Steel, Stainless Steel, Aluminium and Bronze
- CIGWELD have specially configured this machine to be able to produce great welding results from domestic household 230V/240V x 10A power

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DESCRIPTION

The BlueVENOM XF190 is the perfect solution for light fabrication, maintenance and repairs or for DIY around the home, workshop, worksite, or farm without compromising on quality, safety and performance! With the avid welder in mind, CIGWELD have introduced "Opti-Start", a feature that allows the user to customise their starting arc characteristics through Soft and Hard Start controls. Additionally, this machine has the following features built-in:

- 2 x Roll All-Driven (top & bottom) Wire Drive system
- MIG Adjustable Wire Burnback & Inductance
- MIG Adjustable Soft & Hard Start (Opti-Start)
- MIG Wire Inch button
- MIG Gas Purge Button
- MIG Side door wire installation, side loader
- MIG Anti de-spooling safety feature
- MIG Spool Gun Compatible
- STICK with Voltage Reduction Device (VRD) built-in for Safe Welding
- STICK Adjustable Hot Start
- STICK Adjustable Arc Force
- STICK Anti-Stick
- Thermal Overload Protection
- TIG Foot Control Compatible
- TIG Dial Remote Torch Compatible

WARRANTY PERIOD

2-Year conditional warranty. See terms and conditions at cigweld.com.au or in the Operating Manual, included with the machine.



AWESOME OUTPUT FOR A SMALL MACHINE

The BlueVENOM XF190 delivers a maximum output of 190 Amps DC in MIG and TIG Modes, which means the machine is capable of welding metals from 0.6mm up to 10mm. In STICK mode the machine is capable of welding metals from 1.2mm up to 12mm in thickness.

ORDERING DETAILS

BlueVENOM XF190 Package.



P/N: W1400190



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TECHNICAL SPECIFICATIONS

Power Supply (Voltage):	Single-Phase 230V/240V +/- 15%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead and Plug supplied:	10 Amp
Minimum Single Phase Generator Recommendation:	10kVA (at 0.8 Power Factor) at Max Amps
Amperage Range (MIG):	30 - 190A
Voltage Range (MIG):	15.5 - 26.0V
MIG (GMAW) Duty Cycle @ 40°C, 10 minutes:	185 Amps @ 9% 72 Amps @ 60% 56 Amps @ 100%
STICK (MMAW) Duty Cycle @ 40°C, 10 minutes:	160 Amps @ 10% 65 Amps @ 60% 50 Amps @ 100%
TIG (GTAW) Duty Cycle @ 40°C, 10 minutes:	190 Amps @ 10% 77 Amps @ 60% 60 Amps @ 100%
Nominal DC Open Circuit Voltage in MIG Mode:	52V
Open Circuit Voltage (VRD On) STICK Mode:	<35V
Weight of Power Source:	9.5kg
Power Source Dimensions (mm):	L: 465 x W: 190 x H: 340
Weight of Full Package:	16.6kg
Full Package Dimensions (mm):	L: 530 x W: 295 x H: 345
Protection Class:	IP 21S



PACKAGE CONTENTS

- BlueVENOM XF190 Power Source
- CMGBZ15E3 MIG Gun 3m- Euro quick connector
- Work Clamp with 3m Lead
- Twist Lock Electrode Holder with 3m Lead
- 2 x Feed Rolls: 0.8/0.9mm Gasless, 0.8/0.9mm Solid Wires (Fitted).
- 2m Argon Gas Hose and Gas Regulator
- Includes Nylon Inlet Guide for use on Soft Alloy Wires
- Operating Manual

