

CIGWELD

AN ESAB BRAND

MIG

STICK

LIFT TIG - DC



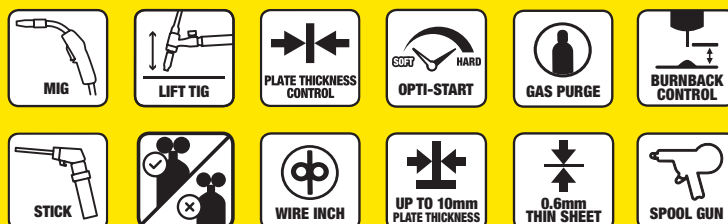
DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

BLUEVENOM XF186

MULTI PROCESS WELDING INVERTER



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



SIMPLE, PORTABLE, YET INTUATIVE!

- The BlueVENOM XF186 is loaded with Xtra Functions that pack a serious sting to get the job done!
- 30% smaller than some other machines in its class and lighter in weight at only 10kg's - BlueVENOM is here - ready to release your inner Welditude®!
- This Synergic 3-in-1 predator takes the guesswork out of welding with its pre-defined QuickSet plate thickness selection settings - simply select your gas (if you're using it), wire diameter and your plate thickness - then arc away!
- With a simplistic, no frills control panel, and glove-friendly easy-press buttons, the XF186 is a 10 Amp 'Plug n' Weld' unit delivering refined arc characteristics through its 'Opti-Start' arc technology.

Are you ready to harness the power!

NO FRILLS JUST SET N' WELD!

- QuickSet, simple to set & weld
- Suitable for 100mm and 200mm Diameter Spools
- MIG Gasless and MIG Gas Shielded
- Blue LED metres for clear viewing
- Fine tuning of Pre-Set Wire Speed & Volts
- Full control over manual settings
- Welding wire size selection
- Spool Gun compatible, great for Aluminium (sold separately)
- Recommended MIG & TIG welding thickness range 0.6mm - 10mm
- Recommended STICK welding thickness range 1.6mm - 12mm
- 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



CIGWELD Data Sheet **BlueVENOM XF186 V1-2023**
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www.cigweld.com.au

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DESCRIPTION

The BlueVENOM XF186 is an ideal solution for DIY projects around the home, workshop, worksite or light fabrication, maintenance and repairs! Although simplistic in design, CIGWELD have still included "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
- Robust fold down handle
- Synergic MIG with Plate Thickness selection / MIG Manual / STICK / LIFT TIG
- MIG Wire Inch button
- MIG Gas Purge Button
- MIG Side door wire installation, side loader
- MIG Spool Gun Compatible
- STICK with Voltage Reduction Device (VRD) built-in for Safe Welding
- 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 XF186 delivers a maximum output of 186 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 XF186 Package.



P/N: W1400186

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 - 186A
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:	186 Amps @ 10% 76 Amps @ 60% 59 Amps @ 100%
Nominal DC Open Circuit Voltage in MIG Mode:	52V
Open Circuit Voltage (VRD On) STICK Mode:	<35V
Weight of Power Source:	10kg
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:	IP21S



PACKAGE CONTENTS

- BlueVENOM XF186 Power Source
- 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/Flowmeter
- Includes Nylon Inlet Guide for use on Soft Alloy Wires
- Operating Manual



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