

MIG

STICK

TIG DC-Lift

CIGWELD

AN ESAB BRAND

BLUEVENOM XF353

MULTI PROCESS WELDING INVERTER

Step up to **MIG SINGLE & DOUBLE PULSE** with the optional PulseMate™.



DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

FINALLY, A SIMPLE TO USE,
MODULAR SYSTEM WITH
SERIOUS VERSATILITY!



MIG



STICK



LIFT TIG



PLATE THICKNESS CONTROL

UP TO 16mm
PLATE THICKNESS

SPOOL GUN COMPATIBLE



PUSH-PULL GUN COMPATIBLE



PULSEMATE COMPATIBLE

DESIGNED, DEVELOPED & TESTED IN AUSTRALIA!

The new BlueVenom™ XF353 is a 3-in-1 multiprocess welding inverter that has been specifically engineered to be narrower in size for easy access in tight and constrained areas but also as a modular arc station!

As a compact unit you will have access to **Xtra Functions** that allows the machine to be used for standard MIG / STICK / TIG DC-Lift processes, or as a Synergic MIG with Plate Thickness Selection as standard.

To take it a step further, the XF353 can connect to the All-New 4R-Rover™ remote wirefeed system (sold separately) - a plug n' play, 4 Roll wire drive unit that you can setup where you need it.

Need it on a gantry or boom? No problem, with the 8m interconnection cable and in-built hanging mount, you can! PLUS, its designed specifically with a low mount handle making this little gem as compact a 300mm wire spool system can be!



EASY TO SET for PROFESSIONAL RESULTS

Here's the kicker - want Pulse? Of course you do!

Turn your XF353 arc station into a single and double pulse work horse! Simply plug in the hand-held PulseMate™ pendant (sold separately) equipped with 8m of lead into the XF353 machine or 4R-Rover™ and start getting TIG like looking welds through our simple yet intuitive SimplePulse™ MIG system!



The BlueVenom™ XF353 is the perfect solution for light to medium fabrication, maintenance and industrial repairs in the workshop, worksite, shipyard, or marina without compromising on quality or professional performance! Use it with the included premium BZ36 MIG Gun or swap it out for a Push-Pull or Spool Gun (each sold separately) for more precise control.



CIGWELD Flame Series BZ24 Spool Gun,
6m with EURO connector



CIGWELD Flame Series BZ36 Push-Pull
Gun, 8m with EURO connector



CIGWELD Data Sheet **BlueVenom XF353 V1-2024**
CIGWELD Pty Ltd An ESAB Brand.
www.cigweld.com.au

CIGWELD
AN ESAB BRAND



DESCRIPTION

The XF353 can deliver awesome arc characteristics in the most popular processes of, MIG - QuickSet & Manual modes, Gas & Gasless operation, Single & Double Pulse MIG with the optional PulseMate™, STICK (MMA with VRD for extra safety) and TIG DC- Lift welding modes.

Additionally, this machine has the following features:

- 4x Roll Wire Drive system
- 300mm Diameter Spool Capability and includes 200mm spool adapter
- MIG Gun holder and cable management bracket
- Engineered Gas Cylinder holder for up to 'G' Size cylinders
- 4-Point Lifting Lugs for safer and convenient maneuverability
- Locking brackets for 4R-Rover to avoid wirefeeder sliding
- MIG Adjustable Wire Burnback
- MIG Crater Fill function in 2T & 4T
- MIG Side door wire installation, side loader
- MIG Anti de-spooling safety feature
- MIG PulseMate™, Spool Gun & Push-Pull Gun Compatible
- STICK with Voltage Reduction Device (VRD) built-in for Safe Welding
- STICK Hot Start
- STICK Arc Force
- TIG Foot Control Compatible
- TIG Dial Remote Torch Compatible

SERIOUS VERSATILITY

The BlueVenom™ XF353 delivers a maximum output of 350Amps DC in MIG and TIG Modes, which means the machine is capable of welding metals from 1.0mm up to 16mm. In STICK mode the machine is capable of welding metals from 1.6mm up to 25mm in thickness.

WARRANTY PERIOD

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



XF353 PACKAGE CONTENTS

- BlueVenom™ XF353 Power Source
- MIG Gun BZ36 "Style", 4m, Euro
- Work Clamp 300A with 4m Lead
- Twistlock Electrode Holder 400A with 4m Lead
- Feed Rolls: 0.9/1.2mm V Groove (fitted), 1.0/1.2mm U Groove, 0.9/1.2mm Gasless Knurled
- Gas Regulator/Flowmeter
- Quick Connect Gas Hose 3m
- Operating Manual



ORDERING DETAILS

BlueVenom™ XF353 Power Source

P/N: W1400353

Get the Full Package (sold separately):

BlueVenom™ 4R-ROVER™ Wirefeeder - P/N: W3200401

BlueVenom™ PulseMate™ - P/N: W4200PM1

BZL36 Push-Pull Gun, 8m - P/N: W52BP36E8

BZL24 Spool Gun, 6m - P/N: W52BS24E6



CIGWELD Data Sheet **BlueVenom XF353 V1-2024**

CIGWELD Pty Ltd An ESAB Brand.

www.cigweld.com.au

TECHNICAL SPECIFICATIONS

Power Source Dimensions	(L) 1075mm x (W) 460mm x (H) 865mm
Power Source Weight	62kg
Cooling	Fan Cooled
Standards	AS 60974.1:2020 / IEC 60974-1:2019 EN 60974-10:2021
Number of Phases	Three Phase
Nominal Supply Voltage	400 VAC ± 15%
Nominal Supply Frequency	50/60Hz
Welding Current Range (MIG mode)	30-350A
Welding Current Range (Stick mode)	20-300A
Welding Current Range (TIG DC Lift)	20-350A
Nominal DC Open Circuit Voltage MIG Weld Mode	86V
Open Circuit Voltage (VRD On) Stick Weld Mode	<35V
Open Circuit Voltage (VRD Off) Stick Weld Mode	85V
Effective Input Current (I _{eff})	12.4 Amps
Maximum Input Current (I _{max})	19.6 Amps
Minimum Three Phase Generator Requirement for Maximum Output	16kVA @ 0.8PF
MIG (GMAW) Welding Output, 40°C, 10 min	350A @ 40%, 31.5V 285A @ 60%, 28.3V 221A @ 100%, 25.1V
Stick (MMAW) Welding Output, 40°C, 10 min	300A @ 40%, 32.0V 245A @ 60%, 29.8V 190A @ 100%, 27.6V
TIG DC Lift (GTAW) Welding Output, 40°C, 10 min	350A @ 40%, 24.0V 285A @ 60%, 21.4V 221A @ 100%, 18.9V
Protection Class	IP21



PulseMate™ and 4R-Rover Sold Separately.

CIGWELD
AN ESAB BRAND

