

CIGWELD

AN ESAB BRAND

STICK

WITH STICK PULSE

DC LIFT TIG

WITH TIG PULSE



DESIGNED
& TESTED
IN AUSTRALIA
FOR OVER 100 YEARS

BLUEVENOM SV135 NANO

ARC WELDING INVERTER



JUST WHEN YOU
THOUGHT A WELDER
COULDN'T GET ANY
SMALLER... WELL, IT HAS!



The all new BlueVenom SV135 'Nano' is a small, **really small**, Multiprocess welder designed for STICK and TIG (DC-LIFT-TIG) with some very special features and benefits added-in, in fact it's a market leader !

This little machine (Size: 255mm L x 105mm W x 142mm H) weighs in at only 2.7kg and is one of the lightest on the market, providing true portability for effortless maneuverability, perfect for site work, climbing up ladders or stairs, working in tight restrictive places and getting around hard to access job sites. The machine is designed to be SAFE, **really safe**, with a Voltage Reduction Device (VRD) built-in.

The BlueVenom SV135 Nano also punches well above its weight and offers some big features you just won't get in other machines this size or price range, such as STICK-Pulse and LIFT-TIG-Pulse, process improvements that allows the user to weld with professional potential. Talking about Pulse, lets break it down to see the benefits that PULSE can offer you with this machine. (Please turn over...)

130mm High



142mm High



CIGWELD Data Sheet **BlueVENOM SV135 V1-2024**
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Why is STICK-PULSE so good:

1. Fantastic for filling gaps or completing 1-sided penetration runs in Butt Welds, the pulse really controls the penetration burn-through.
2. Vertical-Up welding becomes easier, with much greater control for filling the side-wall transition when weaving from side to side, this helps prevent undercut.
3. Overhead welding transforms into a pleasurable task, that provides welds that look better, are more mitered in shape and the Pulse-Arc helps prevent the welds dropping down. Safety is improved because the reduced spatter ends back up in the weld, meaning less metal falls down as hot spatter, which means less chances of the welding operator getting spatter burns.
4. Vertical down welds (butt and fillets welds) become easier to control as the pulsing helps freeze the slag so the weld metal stays clean with less slag inclusions forming.

Why is LIFT-TIG PULSE so good:

1. Is easy to use and set, with only 3 settings required, the Peak-Current you set/see on the LCD screen, then the Base-Current % and the Number of Pulses per second.
2. The slow pulse settings makes it easy for welding root runs in carbon steel pipe or other butt-welds.
3. The Fast Pulse frequency is great for welding thin gauge stainless and mild steels and helps to control the heat input to reduce distortion on thin section metals, like water troughs, urinals, sinks, tanks, pipes and food utensils.

PACKAGE CONTENTS

- BlueVENOM SV135 Power Source
- 200A Work Clamp with 1.5m Lead
- Twistlock Electrode Holder with 1.5m lead
- Plastic Carry Case
- Carry Strap
- Operating Manual

ORDERING DETAILS

BlueVENOM SV135 Package.



9 310574 077362

P/N: W1500135



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TECHNICAL SPECIFICATIONS

Power Supply (Voltage):	Single-Phase 230V/240V +/- 10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead and Plug supplied:	10 Amp
Minimum Single Phase Generator Recommendation:	8kVA (at 0.8 Power Factor) at Max Amps
Amperage Range:	10 – 135A (STICK & TIG)
Voltage Range (MIG):	10.5 - 23.5V
	135 Amps @ 10%
STICK (MMAW) Duty Cycle @ 40°C, 10 minutes:	55 Amps @ 60%
	43 Amps @ 100%
	135 Amps @ 10%
LIFT TIG (GTAW) Duty Cycle @ 40°C, 10 minutes:	55 Amps @ 60%
	43 Amps @ 100%
Weight of Power Source:	2.7kg
Power Source Dimensions (mm):	L: 255 x W: 105 x H: 142
Weight of Full Package:	5.2kg
Protection Class:	IP21S

WARRANTY PERIOD

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



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