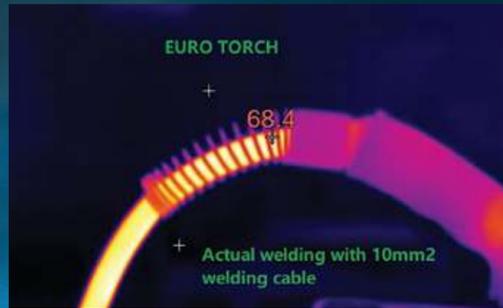


PRODUCT TESTING

As part of our product development, CIGWELD rigorously test all the internal components of the welding machine and its external accessories. We make sure that the machines are not just fit for purpose but will handle tougher than expected working conditions. The below thermal photos are taken ensure no overheating outside of our specified ranges. Additionally, we also conduct weld tests on various common metals here in Australia, using our expertise of our local technical team so ensuring that the settings you use on our machines are tuned to local Aussie conditions.



Internal thermal photo of 130 machine during use.



CMG13DL MIG Gun – External thermal photo whilst being used at maximum machine output.

“QUALITY MIG GUN SUPPLIED”



The HandyWeld 130 MIG machine is supplied with a quality MIG Gun rated to handle in excess of the maximum output of the machine.

Model Name: CMG13DL

Replacement Part Number: W52BR13D3

SPARE PARTS & ACCESSORIES

Feed Roll 0.8-0.9mm U-Groove (soft wires)	W4012904
Feed Roll 0.6-0.8mm V-Groove (hard wires) included with the machine	W4012905
Feed Roll 0.8-0.9mm V-Groove (hard wires)	W4012906
Feed Roll 0.8-0.9mm V Groove Knurled (flux cored/gasless) supplied and fitted on the machine	W4012907
Argon Mini-Regulator and Gas Hose Kit includes CutSkill Regulator/Flowmeter Side Inlet, Gas Hose 2m and Hose Clamp	W4013010
CMG13DL MIG Gun 3m	W52BR13D3
MIG Front-End Kit Box BZL-14 LH, spare Tips, Nozzles & MIG Pliers etc	W4012302
WeldSkill Welding Equipment Trolley	W4011501
WeldSkill Heavy Duty Welding Gloves - Medium	646766
WeldSkill Heavy Duty Welding Gloves - Large	646755
WeldSkill Heavy Duty Welding Gloves - XL	646767
WeldSkill Welding Jacket - Medium	646771
WeldSkill Welding Jacket - Large	646772
WeldSkill Welding Jacket - XL	646773
WeldSkill Welding Jacket - XXL	646774

WEAR PARTS & FILLER METALS

Gas Nozzle	W6000600
Contact Tip 0.6mm	OTW11/23/R
Contact Tip 0.8mm	OTW11/30/R
Contact Tip 0.9mm	OTW11/35/R
Contact Tip 1.0mm	OTW11/40/R
Contact Tip 1.2mm	OTW11/45/R
Gas Diffuser (suits CMG13DL)	W6000605
WeldSkill Solid Steel MIG Wire 0.6mm x 0.9Kg	WS0906
WeldSkill Solid Steel MIG Wire 0.8mm x 0.9Kg	WS0908
WeldSkill Gasless Steel MIG Wire 0.8mm x 0.9Kg	WG0908
WeldSkill Gasless Steel MIG Wire 0.9mm x 0.9Kg	WG0909
Autocraft 316LSI Solid Stainless Steel MIG Wire 0.8mm x 1Kg	721225
Autocraft AL5356 Solid Aluminium MIG Wire 0.8mm x 0.5Kg	721221
Autocraft AL5356 Solid Aluminium MIG Wire 0.9mm x 0.5Kg	721223

Argon Mini-Regulator and Gas Hose Kit
Part Number: W52BR13D3

CIGWELD

AN ESAB BRAND

HandyWeld 130

ORDERING INFORMATION

HANDYWELD 130 QUICKSET MIG & MANUAL MIG WELDER W1200130

PACKAGE CONTENTS

- HandyWeld 130 Power Source
- CMG13DL MIG Gun 2m- Hardwired
- 3m Work Lead
- Work Clamp with 2.5m Lead
- 2 x Feed Rolls: 0.8/0.9mm Gasless (Fitted), 0.6/0.8mm Solid Wires
- Contact Tips: 0.6mm, 0.8mm (Fitted), 0.9mm
- Shoulder Strap
- Operation Manual

Operating Manual can be downloaded at [cigweld.com.au/manuals](https://www.cigweld.com.au/manuals)



CIGWELD

AN ESAB BRAND

HandyWeld 130

“HANDY IN SIZE, HUGE IN FEATURES!”



QUICK SET MIG
MANUAL MIG



CIGWELD Pty Ltd An ESAB Brand 71 Gower Street, Preston VIC 3072 Australia
Customer Care: Tel: 1300 654 674, Fax: 03 9474 7391, Email: enquiries@cigweld.com.au
International Enquiries: Tel: +61 3 9474 7508 Fax: +61 3 9474 7488

[CIGWELD.COM.AU](https://www.cigweld.com.au)

In the interest of continuous improvements, CIGWELD Pty Ltd ABN 56 007 226 815 (An ESAB Brand) reserves the right to change specifications or design on any of its products without prior notice.

WE RECOMMEND GENUINE CIGWELD PRODUCTS

BIGGEST RANGE, BEST QUALITY & GUARANTEED PERFORMANCE



HandyWeld 130

The CIGWELD HandyWeld 130 welding machine offers many benefits of a professional welding machine in a compact, portable, easy to use and affordable self-contained single phase welding inverter. With QuickSet Plate Thickness Pre-Sets installed the guess work is now taken out of the set-up, to allow excellent welding results!

- The HandyWeld 130 is arguably the most modern, helpful & handy small inverter MIG Welder on the market. Designed to take away the guess work when trying to decide what parameters should be set to weld differing thicknesses of metal.
- Electronic QuickSet control for accurate adjustment of the welding parameters.
- Suitable for MIG with Shielding Gas and MIG Gasless Welding.
- 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 240V x 10A power.
- The HandyWeld 130 machine is ideal for people who want to do light fabrication, car repairs, automotive restorations, maintenance and repairs or DIY around the home, workshop, worksite, or farm, without compromising on quality or safety.

BLUE LED, DIGITAL METER FOR OUTDOOR USE

FINE TUNING OF PRE-SET WIRE SPEED & VOLTS

MIG GASLESS AND MIG GAS SHIELDED

FACTORY RESET FEATURE



EASY SELECTION! WELDING WIRE SIZE & PLATE THICKNESS

RECOMMENDED WELDING THICKNESS RANGE 0.6MM – 6MM

FULL CONTROL OVER MANUAL SETTINGS

CREEP START FOR SOFT WELD STARTS

“THERE’S NO HARD IN HANDYWELD”



PLATE THICKNESS, QUICKSET WELDING

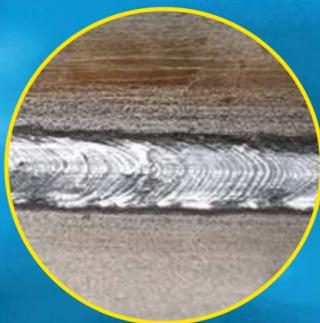
Plate Thickness setting allows you to set up in a flash. There is no guessing the welding parameters. Use the QuickSet feature to set the machine to the correct plate thickness you are welding.



AWESOME OUTPUT FOR A SMALL MIG

The HandyWeld 130 delivers a maximum output of 130Amps DC, which means the machine is capable of welding metals from 0.6mm up to 6mm.

In QuickSet mode the machine is limited to 3mm maximum output. To reach higher thicknesses up to 6mm the machine can be manually adjusted to maximum Wire Feed Speed and Voltage which delivers exceptional welding results on larger metal joints.



VERSATILE

You can weld most metals including Mild Steel, Stainless Steel, Aluminium and Bronze.

As part of our product development here in Australia we rigorously tested the Easyweld130 with different metals!

FEATURES

- Input Supply**
230/240 Volt, 50/60Hz, 10 Amp supply lead fitted to the power source.
- Portability**
Light weight 7.5kg inverter in a rugged case with carry strap.
- Extra Low Current**
Ideal for welding thin sheet metal.
- Current Range**
Current Range for this power source is 30 to 130A. Power source provides DC welding output.
- MIG (GMAW / FCAW): 130A @ 20%**
0.6-0.8mm: Solid MIG wires
0.8-0.9mm: Gasless MIG wires
0.8mm: Aluminium MIG wires
0.8mm: Stainless Steel MIG wires.
- Over Temperature Protection**
Cut out protection has been fitted to the power source.
- QuickSet**
QuickSet pre-sets for simple MIG welding. Determined by wire type, wire diameter and plate thickness.
- Plate Thickness**
Maximum Plate Thickness up to 6mm, using the machine in manual mode.
- Fan Cooled**
Keeps the welder running at a higher duty cycle whilst you are welding.
- Digital Meter**
Easily view all your important welding parameters including plate thickness and welding Amps at a glance.
- Wire Type**
Suitable for gas and gasless wires.
- Recommended Generator**
6KVA @ 0.8 Power Factor*
*Refer to operating manual for more information.
- No Fuss Settings**
Make your job/project easy. Quick-Set takes the guess work out of welding.
- Integrated Wire Feed Unit**
Suits 100mm spools.
- Compliance**
Fully compliant to AS 60974.1:2020 Enclosure rated to IP21S.
- Quick-Set Pre-Sets and Manual Settings**
Versatile with factory pre-sets and can also be adjusted manually. Volts & Wire Feed Speed.
- Creep Start**
Slow run-in of the wire, to provide smooth weld starts.
- 1 Year Limited Warranty***
*Refer to operating manual for further details.

QUICKSET IN 3 EASY STEPS!

1

SELECT GAS OR GASLESS WIRE

Press the **SOFT BUTTON** to select either GAS (SOLID) when using shielding gas, or GASLESS when using Flux Cored Gasless Wire.



2

SELECT THE WIRE SIZE YOU ARE USING

Repeatedly push in the **CONTROL KNOB** until the WIRE LED is lit. Turn the **CONTROL KNOB** to toggle between the 2 wires sizes.



3

DIAL IN THE CORRECT PLATE THICKNESS YOU INTEND TO WELD

Press the **CONTROL KNOB** in repeatedly to toggle to the PLATE LED so it is lit. Then adjust the Control Knob until the desired metal thickness is showing.



Suitable MIG Wire Sizes: Gasless Wires = 0.8 or 0.9mm, Solid Wires = 0.6 or 0.8mm

SPECIFICATIONS

Power Supply (Voltage):	Single-Phase 230V/240V +/-15%	Voltage Range:	15.5 – 20.5V
Australian Standard	AS 60974.1:2020		130 Amps @ 20%
Frequency Hertz:	50/60 Hz	Duty Cycle @ 40°C, 10 minutes	75 Amps @ 60%
Supply Lead and Plug:	10 Amp		58 Amps @ 100%
Rated Input Current I _{eff} :	9.4A – 240V 10A – 230V	Nominal DC Open Circuit Voltage:	78V
Rated Input Current I _{max} :	21A – 240V 22A – 230V	Power Source Weight:	7.5Kg
Generator Rating:	6.0 KVA (at 0.8 Power Factor) at Max Amps	Power Source Dimensions (mm):	L:358 x W:149 x H:273
Amperage Range:	30 – 130A	Package Weight:	8.6Kg
		Full Package Dimensions (mm):	L:426 x W:246 x H:337
		Protection Class:	IP 21S

* Refer to operating manual for further details.

** Due to large variations in performance and specifications of different brands and types of generators, CIGWELD cannot guarantee full welding output power or duty cycle on every brand or type generator. CIGWELD recommends that when selecting a generator, the power source/generator combination be adequately trialled to ensure the combination performs to the user's expectations.

CIGWELD's EasyWeld machines are designed to be technically superior products and are suitable for the serious part-time welding demands. They offer optimum performance, longevity and dependability. Engineered to the highest standards and supported by an extensive warranty, CIGWELD's machines are in it for the long haul!