

# CIGWELD

AN ESAB BRAND

## ARC WELDING INVERTERS

# WeldSkill 140 | 180 | 200HF



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# WeldSkill 180



**“ Affordable, compact and light-weight. This unit is a great addition to the shed or maintenance workshop. ”**

**Part No. W1008180**
















The WeldSkill 180 is a single phase welding inverter with a user-friendly control panel, practical push button operation for mode selection, clearly visible LED indicators and sturdy large control knob.

Affordable, compact and light-weight, this unit is a great addition to the shed ensuring the ultimate portability for the Home Handyman, Tradesman, Farmer or Maintenance Worker.

In addition to its appealing design and functional features, the WeldSkill 180 provides the added reassurance of a high quality welding inverter that complies to Australian Standards. Simply plug it into any standard 15 Amp power point and get welding right away!

## FEATURES

-  **240 Volt, 15 Amp Supply Lead & Plug Fitted to Power Source.**
-  **Fully compliant to AS 60974.1-2006.**
-  **Max. Electrode Size 4.0mm.** Suitable for All Electrode Types Except AWS E6010 Cellulose.
-  **Over Temperature Cut Out Protection has been fitted to Power Source.**
-  **Anti Stick.** Helps to prevent the stick electrode from sticking to the work piece.
-  **Hot Start.** Improves the arc start characteristics of stick electrodes.
-  **Arc Force.** Assists when stick welding in a tight corner or joint fit-up.
-  **180A DC** Current Range for this Power Source is 10A to 180A of DC Welding Output.
-  **3 Year Warranty\* on Power Source** \*Refer to Operation Manual for full details.
-  **DC Lift TIG function.** Provides smooth starting and running characteristics across a broad range of applications.
-  **Rugged case with carry handle and carry strap.**
-  **4m Long Electrode Holder & Work Leads.**
-  **Twistlock Electrode Holder.** Allows the electrode to be locked securely in place.

## SPECIFICATIONS

DESCRIPTION	WELDSKILL 180
Toolbox Part No	W1008180
Power Source Dimensions	H220mm x W130mm x D340mm
Power Source Mass	5.8 KG
Cooling	Fan Cooled
Welder Type	Stick and Lift TIG Multi Process Inverter Power Source
Australian Standard	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC $\pm$ 10%
Nominal Supply Frequency	50/60 Hz
Welding Current Range	10 - 180 A
Nominal DC Open Circuit Voltage	78 V
Factory Fitted Supply Plug Rating	15 Amps
Effective Input Current (I <sub>1eff</sub> )	15 Amps
Maximum Input Current (I <sub>1max</sub> )	33.8 Amps
Minimum Single Phase Generator Recommendation	7.6 kW (9.5 kVA @ 0.8 PF)
STICK (MMAW) Welding Output, 40°C, 10 min.	180 Amps @ 20% Duty Cycle
TIG (GTAW) Welding Output, 40°C, 10 min.	180 Amps @ 40% Duty Cycle
Protection Class	IP21S