

## Safety and Efficiency - getting home at the end of the day is what it's all about.

Loaded with safety features, our new 170 amp single-phase inverters are more efficient and easier to control than ever. VRD ensures voltage at the Stick before you start is just 8V DC, integrated Fail To Safe will shut the unit down if voltage exceeds 35V DC whilst not welding and insulated plastic housing with an IP23S rating ensures your safety when working in confined spaces or outdoors.

At a shade over 11kg, you can throw one of these over your shoulder or in the back of the ute and get straight on with the job.

With Stick (MMAW) and Lift TIG (GTAW), we've designed the range to meet the demands of a wide range of industries – from farming to construction, general maintenance, building and on site repairs. The 170i is also suitable with all electrode types including cellulose.

We've also got a model specific to mining too. These robust units offer extra protection without compromising on performance.

## So wherever you weld, whatever your industry ...

... with a Transarc 170i from CIGWELD, you know that you and your contractors can finish a quality job and head home safe at the end of the day.

## TRANSARC 170i



## ORDERING INFORMATION

W1007170	Transarc 170i Plant
W1007171	Transarc 170i Mine Spec Plant
W1007169	Transarc 170i Mine Spec Power Source

## OPTIONAL ACCESSORIES

646757	Lead set 5m, 400A with 50mm <sup>2</sup> Dinse Connectors
646325	Lead set 8m, 400A with 50mm <sup>2</sup> Dinse Connectors
704828	Work lead 8m, 330A with 50mm <sup>2</sup> Dinse Connectors
646761	Electrode Holder with 4m Lead, Trigger Switch (Deadman Switch) and 50mm <sup>2</sup> Dinse Plug
W4014604	TIG Torch 26F with flex head, 4m Lead, Trigger Switch and Remote Control and 50mm <sup>2</sup> Dinse Plug
BGSAK2	TIG Torch Accessory Kit
W4015800	Foot Control with 8m Lead
W7004913	Shielding Gas Hose Assembly

**VICTOR**  
TECHNOLOGIES™

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[www.cigweld.com.au](http://www.cigweld.com.au)

# CIGWELD

## Transarc 170i Single Phase Inverter














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## SPECIFICATIONS

Processes:	Stick (MMAW), Lift TIG (GTAW)
Supply Voltage:	240V +/- 15%, 50/60Hz (15A Plug)
Effective Input Current $I_{eff}$ :	13A
Current Range:	5-170A
Open Circuit Voltage	8V DC (VRD On), 66V DC (VRD Off)
Duty Cycle (40°C, 10 mins)	Stick (MMAW): 170A@30%, 100A@100% TIG (GTAW): 170A@30%, 100A@100%
Minimum Generator	6.6kW (8.5kVA at 0.8 PF)
Weight	11.1kg (Power Source)
Power Source Dimensions:	324 H x 122 W x 458 D mm
Protection Class:	IP23S

## FEATURES

<b>AS</b>	Compliant to AS 60974.1		Stick (MMAW) Process Capabilities
	Conforms to the requirements of AS 1674.2		Lift TIG (GTAW) Process Capabilities
	Conforms to MDG25 (Mine Spec Model Only)		Digital Amperage/Voltage Meter
<b>VRD</b>	VRD Virtually Eliminates Electric Shocks when Not Welding		Power Factor Correction (PFC) Improves Product Efficiency
<b>&lt;35V</b>	Fail to Safe Shutdown if VRD Malfunctions		Intelligent Fan Control
	Deadman Switch Eliminates Electric Shocks when Not Welding (Mine Spec Model Only)		Braided Supply Lead (Mine Spec Model Only)
<b>CAT. A,B,C</b>	Enclosure Rated to IP23S Permits Outdoors Use as Outlined in AS 1674.2		IP66, 15A Supply Plug (Mine Spec Model Only)
	Insulated Plastic Housing Eliminates Arc Strike Hazards on Housing	<b>170 AMP</b>	Current Range for this Power Source is 5 to 170A
	240 Volt, 15 Amp Supply Lead Fitted to Power Source.	<b>DC</b>	Power Source Provides DC Welding Output.
	Maximum Electrode Size 4.0mm. Suitable for All Electrode Types.	<b>3 YEAR</b>	3 Year Limited Warranty



## TRANSARC 170i PLANT

When you are looking for a safe, power efficient and high performance machine you can't go past the Transarc 170i.

With operator protection being paramount the Transarc 170i is packed full of safety features including VRD that conforms to AS 1674.2, Fail to Safe and an insulated plastic housing that is IP23S rated.

Your welding efficiency will also be enhanced as these units have exceptional arc start and run performance and include TIG shielding gas control that eliminates wasted gas between welds. The 170i also has an optional TIG torch with remote control function that allows you to adjust your weld current setting from the torch while welding.

With all these benefits crammed into such a small unit, it's no wonder the Transarc 170i is loved by contractors out on site doing repair and maintenance, light fabrication and stainless work.

### Plant Contents (Part No W1007170)

- Transarc 170i Inverter Power Source
- Electrode Holder with 4m Lead
- Work Clamp with 4m Lead
- Product Bag
- Operating Manual
- Handipak of Electrodes, Satincraft 13
- Shoulder Strap



## TRANSARC 170i MINE SPEC PLANT

In addition to the above features, the Transarc Mine Spec version comes with a braided and reinforced supply lead that virtually eliminates electric shock from a damaged power cord. This model also comes standard with a heavy duty, IP66 rated and compliant 15A supply plug, which screws into place and forms a weather proof seal against damp, dirt and grime.

Another safety advantage of the Mine Spec unit is the stick electrode holder with Deadman Switch which ensures that voltage at the electrode before you start is **ZERO VOLTS**. Voltage then increases to 8V DC (VRD on) when the Operator presses the Deadman switch to start welding.

The Mine Spec units are ideal for those welding in confined spaces specifically in construction and maintenance on mining sites.

### Plant Contents (Part No W1007171)

- Transarc 170i Mine Spec Inverter Power Source with Braided Supply Lead and IP66, 15A Supply Plug.
- Electrode Holder with Trigger Switch (Deadman Switch and 4m Lead)
- Work Clamp with 4m Lead
- Handipak of Electrodes, Satincraft 13
- Shoulder Strap
- Product Bag
- Operating Manual



## TRANSARC 170i MINE SPEC POWER SOURCE

### Contents (Part No W1007169)

- Transarc 170i Mine Spec Inverter Power Source with Braided Supply Lead and IP66, 15A Supply Plug.
- Electrode Holder with Trigger Switch (Deadman Switch) and 4m Lead
- Operating Manual
- Shoulder Strap