

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

Loaded with safety features, our new Transtig 170Ti single-phase inverter is 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.

With Stick (MMAW), Lift TIG (GTAW) and HF TIG (GTAW), this robust unit specifically has the mining industry in mind, making it ideal for those welding in confined spaces in the construction and maintenance of mining sites.

In addition to mining, the 170Ti is also suitable for a range of other industries; construction, general maintenance, building, on-site repair, pipework, DC TIG and Stick applications. The 170Ti is also suitable for all electrode types including cellulose.

At a shade over 11.5kg, you can throw one of these over your shoulder or in the back of the ute and get straight on with the job

So wherever you weld, whatever your industry ...

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

TRANSTIG 170Ti



ORDERING INFORMATION

W1007180	Transtig 170Ti Mine Spec Plant
W1007179	Transtig 170Ti Mine Spec Power Source

OPTIONAL ACCESSORIES

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

VICTOR
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CIGWELD

Transtig 170Ti Single Phase Inverter



VRD
Voltage Reduction Device

PFC
Energy Saving Technology

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SPECIFICATIONS

Processes:	Stick (MMAW), Lift TIG (GTAW), HF 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	11.6kg (Power Source)
Power Source Dimensions:	324 H x 122 W x 458 D mm
Protection Class:	IP23S

FEATURES

AS	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		Power Source is Fitted with HF Start in TIG Mode
VRD	VRD Virtually Eliminates Electric Shocks when Not Welding		Digital Amperage/Voltage Meter
<35V	Fail to Safe Shutdown if VRD Malfunctions		Power Factor Correction (PFC) Improves Product Efficiency
	Deadman Switch Eliminates Electric Shocks when Not Welding		Intelligent Fan Control
CAT. A,B,C	Enclosure Rated to IP23S Permits Outdoors Use as Outlined in AS 1674.2		Braided Supply Lead
	Insulated Plastic Housing Eliminates Arc Strike Hazards on Housing		IP66, 15A Supply Plug
	240 Volt, 15 Amp Supply Lead Fitted to Power Source.	170 AMP	Current Range for this Power Source is 5 to 170A
	Maximum Electrode Size 4.0mm. Suitable for all Electrode Types.	DC	Power Source Provides DC Welding Output.
		3 YEAR	3 Year Limited Warranty



Braided Supply Lead and IP66, 15A Supply Plug



Deadman Switch



HF In TIG Mode



TRANSTIG 170Ti MINE SPEC PLANT

Transtig 170Ti - a better quality weld that starts first time

When you are looking for a safe, power efficient and high performance machine you can't go past the Transtig 170Ti with MineSpec safety features and High Frequency start in TIG mode.

With operator protection being paramount the 170Ti 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 this model has exceptional arc start and run performance and includes TIG shielding gas control that eliminates wasted gas between welds. The Transtig 170Ti Plant also has a TIG torch with remote control function that allows you to adjust your weld current setting from the torch while welding.

The Transtig 170Ti is also a Mine Spec inverter, making it ideal for those welding in confined spaces specifically in construction and maintenance on mining sites. This unit 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 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.

In addition to your safety, weld performance is also essential, so when you're looking for better weld quality without contaminating your TIG tungsten electrode, the 170Ti with high frequency start feature raises the bar. You'll get a more positive arc start at a lower amperage setting – one that starts first time. So there'll be no more scratch starting making this unit ideal for pipe work and other DC TIG welding applications.

Plant Contents (Part No W1007180)

- Transtig 170Ti Mine Spec Inverter Power Source with Braided Supply Lead and IP66, 15A Supply Plug.
- TIG Torch Accessory Kit
- Work Clamp with 4m Lead
- Comet Professional Argon Regulator/Flowmeter
- Handipak of Electrodes, Satincraft 13
- Electrode Holder with Trigger Switch (Deadman Switch) and 4m Lead
- Shielding Gas Hose Assembly
- Shoulder Strap
- Product Bag
- Operating Manual

TRANSTIG 170Ti MINE SPEC POWER SOURCE

Plant Contents (Part No W1007179)

- Transtig 170Ti Mine Spec Inverter Power Source with Braided Supply Lead and IP66, 15A Supply Plug.
- Electrode Holder with Trigger Switch (Deadman Switch) and 4m Lead
- Shielding Gas Hose Assembly
- Shoulder Strap
- Operating Manual