

Transtig 220 & 300

Outstanding seam quality and the perfect AC arc every time

When you need the highest quality aluminium weld, look no further than our Transtig 220AC/DC and 300AC/DC Series. Combining the finest hardware with the latest digital software control systems, these machines produce outstanding seam quality on even the thinnest materials.

The models come with DC stick, AC/DC Lift TIG and AC/DC HF TIG. Whilst in TIG the Transtig 220AC/DC and 300AC/DC is capable of Pulse Welding, Spot Welding, 2T (Normal) and 4T (Latch) modes. This makes them ideal for a range of industries, from boat building and panel beating to precision work in chemistry, wine or water tank installations.

As you'd expect from any CIGWELD product, the Transtig 220AC/DC and 300AC/DC models are packed with the latest safety features, which means the operator can confidently weld harder.

And with more controls at the stick, precise control has never been so easy.

“State-of-the-art technology for a precise weld, even on the thinnest aluminium.”

The perfect balance.

The secret to the Transtig's industry-leading performance is its intelligent core.

Quality hardware and state-of-the-art software make sure that gas and current are precisely controlled.

The result is a very intense and focused arc that gives a slimmer seam and perfect optics, with minimal heat input.

Add to that automatic downslope, to help you smooth out those ends and fill up the craters properly and it's easy to see why CIGWELD's latest AC/DC range is so perfectly suited to precision welding.



- AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW) Inverter Power Source
- Pulse Welding, Spot Welding, 2T (Normal) and 4T (Latch) capabilities whilst in TIG Mode
- Standards compliant Voltage Reduction Device (VRD)
- Fail to Safe Shutdown if VRD malfunctions Fully compliant to AS60974.1-2006 Enclosure rated to IP23S
- User friendly control panel with digital Voltage and Amperage meters
- 3 Year Limited Warranty*

Specifications

Description	TRANSTIG 220 AC/DC	TRANSTIG 300 AC/DC
Processes	AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW)	AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW)
Supply Voltage	240V +/- 15%	415V +/- 15%
Nominal Supply Frequency	50/60Hz	50/60Hz
Factory Fitted Plug Rating	15A	Not Applicable
Number of Phases	1	3
Effective Input Current I _{1eff}	14.7A	11.6A
Welding Current Range STICK Mode (MMAW)	10 – 170A	10 – 200A
TIG (GTAW)	3 - 220A	5 - 300A
Open Circuit Voltage (VRD active)	<23V DC	<25V DC
STICK (MMAW) Welding Output, 40°C, 10 min.	170A @ 40%, 26.8V 140A @ 60%, 25.6V 120A @ 100%, 24.8V	200A @ 60%, 28.0V 170A @ 100%, 26.8V
TIG (GTAW) Welding Output, 40°C, 10 min.	220A @ 40%, 18.8V 180A @ 60%, 17.2V 160A @ 100%, 16.4V	300A @ 30%, 22.0V 220A @ 60%, 18.8V 180A @ 100%, 17.2V
Minimum Generator Requirement	6kW (7.5kVA @ 0.8PF)*	13kW (16kVA @ 0.8PF)*
Power Source Dimensions	H 326mm x W 185mm x D 483mm	H 326mm x W 185mm x D483mm
Weight	13.4 kg	16.3 kg
Protection Class	IP23S	IP23S
Australian Standards	AS 60974.1-2006 /IEC 60974-1	AS 60974.1-2006 / IEC 60974-1

Transtig 220AC/DC Power Source

Transtig 300AC/DC Power Source



The Transtig 220AC/DC gives you high quality aluminium welding from a single phase power source. Light enough to swing over your shoulder but more than powerful enough for balustrade work, air conditioning piping or sheet metal fabrication, it's a machine that can be relied upon for multiple applications. Thanks to a clever bit of technology called power factor correction, the Transtig 220AC/DC is not only energy efficient but it will also run off a small generator too - perfect if you're out in the field or on a remote site.

Power Source Contents (Part No W1007221)

- Transtig 220AC/DC Inverter Power Source
- Shoulder Strap
- Shielding Gas Hose Assembly
- Operating Manual



With more power and a better duty cycle, the Transtig 300AC/DC is the workhorse of the Transtig range. There's pretty much no limit to what you can weld with this machine, making it ideal for boat yards, cylinder head repair shops and any other environments where heavy duty aluminium welding is needed.

Power Source Contents (Part No W1007301)

- Transtig 300AC/DC Inverter Power Source
- Shoulder Strap
- Shielding Gas Hose Assembly
- Operating Manual