

Media Release

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LIGHTWEIGHT, PORTABLE WELDER WITH HEAVYWEIGHT PERFORMANCE

WIA (Welding Industries of Australia), one of Australia's leading welding supply companies, has announced the release of the impressive Weldarc 180i DC, Stick and DC TIG welding machine for both the professional and serious DIY user.

Weighing just 6.5kg, the compact 180 Amp machine offers the user the portability and performance required for onsite and field maintenance applications.

But unlike some other portable machines on the market, WIA's Weldarc 180i suits long extension leads often found in the Australian workplace, and will keep welding successfully despite a voltage drop.

The machine's built in Arc Force feature, constantly monitors the arc voltage and will boost output if low arc voltage occurs.

The Weldarc 180i is also tolerant of unconditioned power from generators. It has been optimised and tested for compatibility with appropriate portable generators.

Another key feature of the Weldarc 180i is the machine's built-in "hot start" feature, which when in manual arc mode, offers the welder even better arc starting.

The combined features of Arc Force, Hot Start and high open circuit voltage capability allows the use of Cellulose electrodes, which can be very difficult to use on smaller welders, but the Weldarc 180i can handle them with ease.

The TIG welding mode features Lift Arc starting, which allows the arc to slowly build up, eliminating the need for scratch starting and the possibility of tungsten electrode damage, and work piece contamination.

With safety a very important issue for WIA, the machine also features a built in VRD (Voltage Reduction Device), which delivers added safety when operating in stick or lift-TIG mode and meets the requirements of site work to AS1674.2 CAT C.

Fully compliant to Australian Standards AS 60974.1, WIA's Weldarc 180i offers built-in operator safety, with the power source featuring a built-in thermal protection device that activates if the machine is operated beyond its safe thermal operating zone.

Suitable for both the professional welder and the DIY enthusiasts, the lightweight Weldarc 180i suits 2-4.0mm electrodes operating from a 15A 240Vac supply. And weighing only 6.5kg, the Weldarc 180i can go wherever the job takes the welder, making it ideal for onsite maintenance.

The Weldarc 180i is suitable for use in a wide range of industries, including mine and manufacturing maintenance, building and construction industries, food and wine sectors, contractors and rural workshops through to the DIY enthusiast.

With a 2-year unlimited warranty on the power source, covering parts and labour, and supported by an Australia wide service network, as standard, customers can be guaranteed they're buying reliability and performance.

The package includes a heavy duty work clamp, an industrial twist lock electrode holder and a carry case with a padded shoulder strap.

Specifications of the Weldmatic 180i are:

- > Primary Voltage - 240Vac - 50/60 Hz
- > Rated Primary Current - 15 Amps
- > Max. Primary Current - 35 Amps
- > Recommended Generator - 10kVA
- > Supply Plug - 15Amps
- > Rated output @ 40degC (10 min) (Stick)
- > - 180 Amps @ 27.2 Volts 18%
- > - 76 Amps @ 23.2Volts 100%
- > Welding Current Range - 30-200 Amps
- > Electrode size range (mm) 2.5, 3.2, 4.0

For more information on the Weldarc range, contact WIA's Customer Service Team on

1300 300 884 or
visit welding.com.au