

Media Release

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MULTI-OPERATOR WELDER/GENERATOR OFFERS LOWER OPERATING COSTS & INCREASED PRODUCTIVITY

WIA (Welding Industries of Australia), one of Australia's leading welding supply companies, has announced the release of a complete multi-process and multi-operator welder/generator that can deliver two independent high quality welding arcs in the one complete package.

Designed for professional welders in the construction, pipeline, structural steel, mechanical contracting and other challenging industries, Miller's Big Blue 700X Duo Pro dual operator engine-driven welding system is now the premier choice in low speed diesel welder/generators around the world, offering superior arc performance, ease of use and reliability.

John Gorey, WIA's Product Manager for Equipment, says the Big Blue 700X Duo Pro dual operator machine is perfect for Australia's most demanding welding applications with lower operating costs and increased productivity.

"It can accomplish twice the work without the cost of additional equipment, allowing two welders to operate off the one machine at any one time.

"The Big Blue 700X Duo Pro dual operator machine is the most powerful dual operator machine on the Australian market, and with diesel-driven generator power, users are also able to run power tools and accessories on site at the same time," Mr Gorey said.

"We recently conducted a field trial with a prominent pipeline contractor in Australia who was very impressed with the new Miller machine.

"He gave it the thumbs up, and said it produced one of the most consistent arcs generated by diesel welding machines that he has ever experienced.

"And being a dual operator machine, the end user has only one machine to carry, often requiring a smaller truck to get to the work site than would have been needed for two welding machines," he added.

Mr Gorey believes the Big Blue 700X Duo Pro dual operator machine will be very popular in Australia, especially with pipe welding contractors as well as mining maintenance and heavy construction industries.

“It will be popular wherever two welders are needed to operate at the one time in remote locations; cross country transmission pipelines, for example, where two welders are working simultaneously but independently on opposite sides of a single pipe, with no arc interaction.

“Not only is the Big Blue 700X Duo Pro dual operator machine easy to transport and relocate, weighing just 784kg, it is far cheaper to run than operating two welding diesel engines.

“With one low-speed diesel engine used to run two welding outputs, users can also expect fuel savings of up to 35%, wiping hundreds of dollars from their annual fuel bills for every unit by fuelling just one machine instead of two,” Mr Gorey said.

“Plus of course it is more environmentally friendly, producing far less noise on the job site than two machines would and far less CO₂ emissions which is very important these days.

“By operating one dual operator machine, users will not only benefit from a lower capital investment, they will experience lower operating costs.

“Companies will be able to increase their profits with this new multi-arc machine by completing demanding jobs in half the time compared to a conventional single operator engine-driven welders.

“With two arcs in one engine drive, fewer machines are required for any one job,” Mr Gorey explained.

The Big Blue 700X Duo Pro dual operator machine can provide two welding arcs up to 400A for high quality Stick, MIG, Flux Cored and TIG welding performance.

The machine also features two independent generator outputs. One single-phase generator can produce 5,500W-peak/4,000W-continuous power regardless of weld output, plus a second generator, which can provide 27,000W peak/20,000W continuous 3-phase power.

Powered by a Deutz D2011 L04 4-cylinder heavy-duty, low-speed, diesel engine designed to operate over 10,000 hours before the first basic overhaul, the Big Blue 700X Duo Pro features a parallel switch that can combine both independent outputs to a single side if required.

This provides a safe and easy way to run large electrodes or carbon arc gouge.

Other standard features include Stick, MIG, Flux Cored, Lift-Arc TIG and digital preset weld meters, output contactor control and automatic idle, plus thermal overload protection to prevent machine damage if the duty cycle is exceeded or airflow is blocked.

Ruggedly built by Miller, the Big Blue dual operator welding system is designed to run at peak performance in the most difficult welding environments around the world.

Miller rates the Big Blue 700X Duo Pro at 40°C to ensure dependable operation in extreme conditions such as desert heat or arctic cold, dust or drenching rain.

Meter maintenance displays on the new Miller machine include fuel gauge, hour meter function, oil change interval, high coolant temperature and low oil pressure shutdowns, and low fuel shutdown where the engine shuts down before the system runs out of fuel, making restarts easy.

For more information,
call WIA's Customer Support team on

1300 300 884 or
visit welding.com.au