



Big Blue® 600X Duo Air Pak™ 50Hz

Unleash Your Full Potential.
Weld. Power. Cut. Heat.



WELDING.COM.AU

NEW



BIG BLUE[®] 600X DUO AIR PAK[™] 50HZ

**Built for field and on-site mining
and metal fabrication applications.**

Mining Maintenance

Maintenance & Repair Rigs

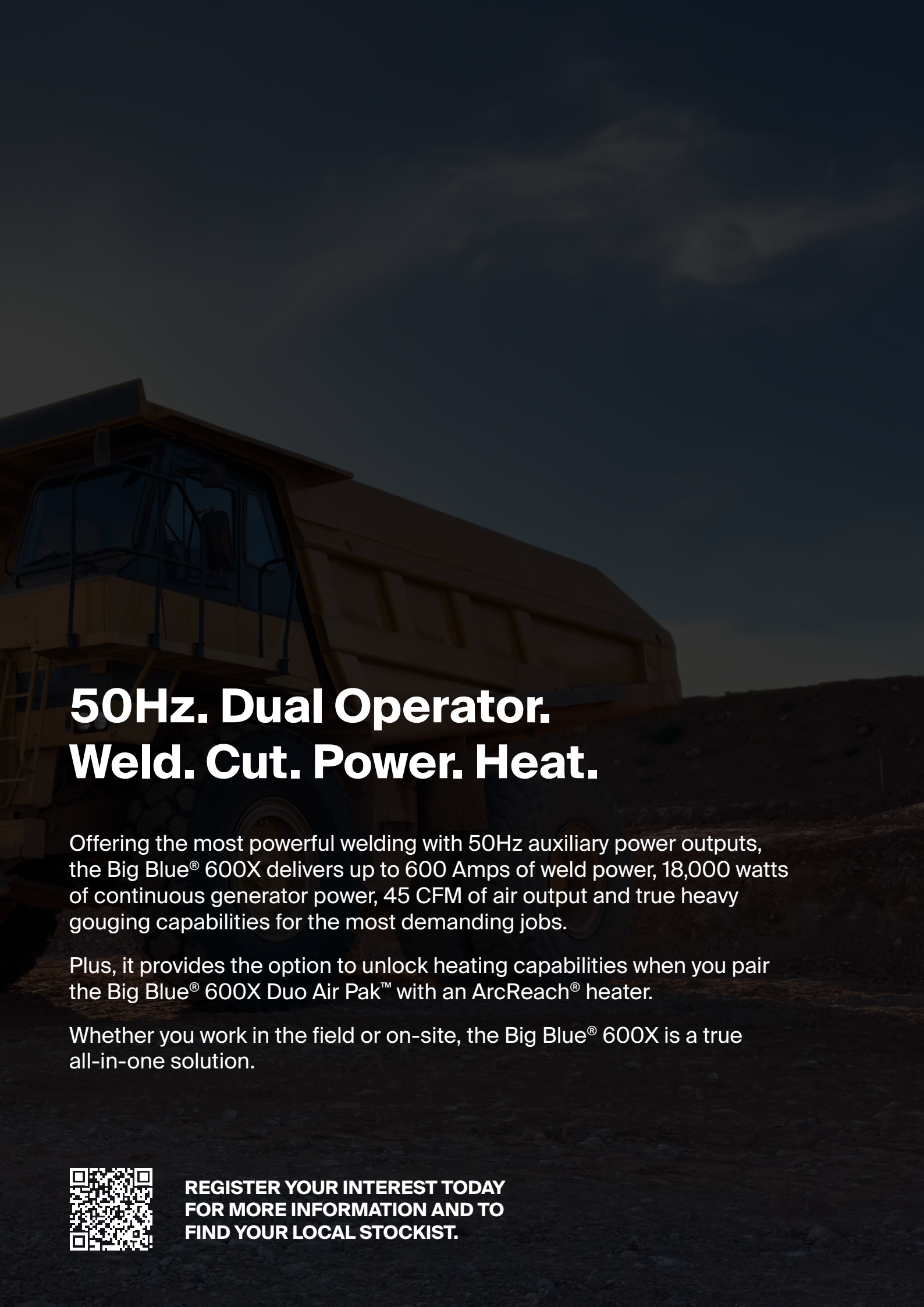
Construction

Mechanical Contractors

Railroad Maintenance

Rental Fleet





50Hz. Dual Operator. Weld. Cut. Power. Heat.

Offering the most powerful welding with 50Hz auxiliary power outputs, the Big Blue® 600X delivers up to 600 Amps of weld power, 18,000 watts of continuous generator power, 45 CFM of air output and true heavy gouging capabilities for the most demanding jobs.

Plus, it provides the option to unlock heating capabilities when you pair the Big Blue® 600X Duo Air Pak™ with an ArcReach® heater.

Whether you work in the field or on-site, the Big Blue® 600X is a true all-in-one solution.



**REGISTER YOUR INTEREST TODAY
FOR MORE INFORMATION AND TO
FIND YOUR LOCAL STOCKIST.**



BIG BLUE[®] 600X DUO AIR PAK[™] 50HZ

Scan for full
product details.



**More Power. Dual Operator.
Increased Efficiency.**

PRODUCT SPECIFICATIONS

Weld Mode	Output Mode	Weld Output Range	Weld Output Rated at 40°C	Max Open Circuit Voltage	Auxiliary Power Output Rated at 40°C	Dimensions	Net Weight***
CC/DC/ (Stick/TIG)	Separate (Dual Outputs)	20-300 A	300 A at 32 V* (each side)	32 VDC**	3 Phase: 18,000 watts continuous 1 Phase: 3,000 watts continuous	H: 1,168 mm H: 1,359 mm (top of exhaust) W: 724 mm D: 1,765 mm	916 kg ***Additional: 75kg when fuel tank is full
	Paralleled (Combined)	40-600 A	500 A at 42 V* 600 A at 38 V				
CV/DC (MIG/FCAW)	Separate (Dual Outputs)	15-50 V	300 A at 29 V* (each side)				
	Paralleled (Combined)	15-50 V	550 A at 41.5 V* 600 A at 38 V				

*Meets NEMA and IEC ratings. **VRD enabled.

ENGINE SPECIFICATIONS

Engine Brand	Horsepower (hp)	Type	Features	Engine Speeds	Capacities	Sound Levels at 7M	Automatic Engine Shutdown
Deutz TD2011L04W	65.7	Turbo-charged four-cylinder, liquid-cooled industrial diesel	EPA Tier 4i compliant, includes oil pan and intake manifold heater	Idle: 1350 rpm Weld: 1500 rpm	Fuel: 95L Oil: 10.4L Coolant: Integrated Oil	Idle: 71.3 dB 96.1 Lwa) Weld (600A Load): 76.1 dB (101.0 Lwa)	Low oil pressure, high coolant temperature, low fuel level

COMPRESSOR SPECIFICATIONS

Compressor Brand Features		Air Output at Effective Working Pressure	Working Pressure Constant	Duty Cycle	Oil Capacity	Automatic Compressor Shutdown
Ingersoll Rand CE55 G1	Rotary screw with electric clutch for on/off. Oil change intervals 500hrs (same as engine). Life expectancy 30,000hrs.	45 cfm (1.7 m ³ /min) 100 psi (690 kPa, 100% Duty Cycle	100 PSIG 7 bar	100%	3.79L	Oil temperature



MIG, STICK OR DC TIG WELD

600 Amps of weld power for all your welding needs.

DELIVERS THE POWER YOU NEED ON A JOB SITE

18,000 watts of continuous generator power.

GET AIR ON DEMAND WHEN YOU NEED IT

Delivers 45 CFM of air output.

HEAVY GOUGING CAPABILITIES FOR THE MOST DEMANDING JOBS

Allows gouging for carbon sizes up to 9.5mm.

MULTI-OPERATOR PLATFORM FROM ONE DEPENDABLE ENGINE

2 operators can weld simultaneously using two independent arcs with up to 300 Amps each, with an option to plug in an additional inverter welder, allowing 3 operators to weld up to 200 Amps each.

GET MORE ARCS AND BETTER FUEL ECONOMY

Increase profits for your business. Estimated savings are 34% with a dual-operator unit versus two single operator units.

SAVES FUEL AND REDUCES SERVICING

Built with an ultra-reliable industrial rotary screw compressor with 30,000 hours life expectancy. The Big Blue® 600X features an on/off control for applications that don't require compressed air.

BUILT TOUGH FOR HARSH CONDITIONS

Tested to AU/NZ standards to withstand high temperatures, rain, salt, dust, impact vibration and more. Plus, it comes fitted with front panel doors for vandalism lock out.



ArcReach®

WELD MORE IN LESS TIME

Pair the Big Blue® 600X Duo Air Pak™ 50Hz with an ArcReach® accessory and make parameter changes at the weld joint rather than the power source.

GET BETTER WELDS WITH LESS REWORK

Set the amperage and voltage at the weld joint and monitor the actual arc voltage and current delivered to the weld using the digital meters on the ArcReach® accessory.

IMPROVE JOB SITE SAFETY

Together the Big Blue® 600X and an ArcReach® accessory eliminates the need to walk to and from the power source to make parameter changes, reducing slip, trip and fall hazards on the job site.

PREVENT ACCIDENTAL PARAMETER CHANGES

While under ArcReach® control, process and voltage/ amperage adjustments are locked at the power source, giving the operator full control at the accessory.

SAVE TIME AND ELIMINATE CONTROL CORD REPAIRS

Operators no longer need to troubleshoot welding system problems that result from damaged control cords. Plus, with ArcReach® control cords aren't used, so associated costs are eliminated.

CROSS COMPATIBLE ACCESSORIES

Selected ArcReach® accessories are also compatible with non ArcReach® machines, however complete benefits are only available when using a full ArcReach® system.

AUTOMATIC PROCESS CHANGEOVER

The Big Blue® will automatically change to stick or MIG/ FCAW (with gas) if electrode positive polarity is detected or TIG/FCAW (no gas) if electrode negative polarity is detected, when used with an ArcReach® accessory.



UNLEASH YOUR FULL POTENTIAL WITH ARCREACH® TECHNOLOGY.

Weld. Cut. Power. Heat.

Package the Big Blue® 600X Duo Air Pak™ 50Hz with an ArcReach® wire feeder and make parameter changes at the weld joint.

Need access to Pulse MIG or single side root pass welding using Regulated Metal Deposition (RMD™)? Get the ArcReach® Smart Feeder.

Want heating capabilities? Connect the ArcReach® Heater and you're good to go!



ArcReach®

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Distributed by:

Issue date: February 2025

1300 300 884
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