

New!

Professional Arc Quality, Powerful and Quiet



Big Blue® 400 Eco Pro

Rugged, Compact, Fuel-efficient Diesel Welder/
Generator that's Eco-friendly and Eco-nomical

Superior Arc Performance in a Compact Package

An economical and eco-friendly alternative, Big Blue® 400 Eco Pro:

- Saves fuel — up to 25% more efficient than competitive models.
- Produces fewer emissions — meets tough EPA Tier 4i compliance standards.
- Runs quieter — in weld mode, the Big Blue 400 Eco Pro's 71.5 dBA at 23 ft (7 m) is quieter than most competitive models.
- Is easier to transport — the Big Blue 400 Eco Pro is up to 44% smaller and 41% lighter than other models — taking less room and reducing transportation costs.
- Offers exceptional arc control whether using Stick, TIG, MIG, and Flux Cored welding processes or Carbon Arc gouging (up to 5/16 in carbons).



Dual-Speed Technology

High engine power is available when needed for high-amp applications, up to 500 amps, such as gouging. Low-speed operation provides power for all welding applications up to 350 amps. This keeps the engine quiet and more fuel efficient, providing optimal performance in a small package. The Auto-Idle feature will automatically lower the engine speed when appropriate, saving fuel and further reducing noise.

Compact Size

Offers strong welding power and exceptional welding performance while being smaller and lighter, making it easier to move and freeing up space for other equipment and supplies.

Reduced Noise, Lower Fuel Consumption and Emissions

Allows a quieter work environment, saves significant money on fuel and reduces engine emissions for increased efficiency in job site operations.

Ultimate Reliability

The Big Blue 400 Eco Pro's proven, solid-state control technology is fully enclosed, protected and sealed by the Vault. The Vault's sealed connections are made through watertight plugs that make these components impenetrable to dust and moisture.



Easy to Use

Get maximum control and performance with the simplified control panel: Color coded terminals get you connected quickly and correctly. Select your weld process, set your amperage and weld. It doesn't get any easier.

Easy to Maintain

- The Mitsubishi S4L2 diesel engine is designed to run 10,000 hours before major overhaul, and provides an extra level of engine reliability proven in the forklift, portable light tower and generator industries.
- Closed cooling system reduces maintenance and maximizes efficiency.
- Hours-to-oil-change indicator keeps track of maintenance needs for you. Ensures longer life.
- 500-hour oil change interval minimizes maintenance cost and down time to keep you on the job while reducing environmental waste.
- Low fuel shutdown — engine shuts down before system runs out of fuel, making restarts easy.
- High coolant temperature and low oil pressure shutdown for added engine protection.

The Big Blue 400 Eco Pro's Dual-Speed Technology provides a fuel-efficient, cleaner-running, quieter and reliable alternative to larger welder generators, while still delivering up to 500 amps when you need it — all in a compact case for easier transportation.

Big Blue® 400 Eco Pro

Rugged, Compact, Fuel-efficient Diesel Welder/Generator that's Eco-friendly and Eco-nomical

The Big Blue® 400 Eco Pro is the right choice for:

- Construction Contractors and General Contractors
- Pipe Welding
- Structural
- Rental Fleets

Q&A:

How can the Big Blue 400 Eco Pro provide the performance of larger machines in a smaller package?

Research shows that 90% of a contractor's welding needs takes place at or below 350 amps. The Big Blue 400 Eco Pro's low-speed output can easily provide that output with more efficiency, less noise and with less emissions than larger units. For that 10% of the time when you need 500 amps, such as gouging, just turn the switch to high output and you're ready to go.

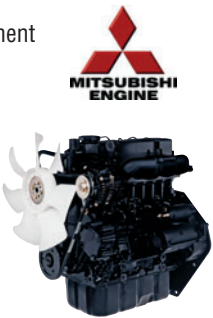
How rugged is the Big Blue 400 Eco Pro?

The Big Blue 400 Eco Pro is designed to meet the needs of operators who work in extreme climates and remote areas where service dealers might not be readily available. Rated at 104°F, the Big Blue 400 Eco Pro has been tested from -20°F to +122°F. Miller's "Vault" technology protects electronic components from moisture, dirt and dust, and the Mitsubishi S4L2 diesel engine is designed to run 10,000 hours without overhaul. Maintenance timers automatically count down to the next service interval, and a low-fuel shutdown makes restarting easy.

What arc quality can I expect from the Big Blue 400 Eco Pro?

The Big Blue 400 Eco Pro offers exceptional arc performance and control for Stick, TIG, MIG, and many Flux Cored wires. The Stick arc was designed to meet the demanding needs of cross-country pipe welding. In addition, Hot Start™ makes it easy to start all types of Stick electrodes.

Big Blue® 400 Eco Pro Key Benefits

Engine Specifications	Ecology	The Power of Blue® Payoff
<ul style="list-style-type: none"> • Mitsubishi S4L2 diesel engine, Tier 4i compliant, industrial grade • Inline 4-cylinder 1.758-liter displacement • 24 HP @ 1800 RPM 35 HP @ 3000 RPM • Diesel fuel oil (ASTM No. 2-D) • Low-maintenance closed-loop cooling system. No need to top off fluid daily. 	<ul style="list-style-type: none"> • Dimensions: 32 x 26 x 56 in (813 x 667 x 1422 mm) • Machine weight: 1095 lb (497 kg) • Sound Level dBa @ 23 ft (7 m) 71.5 dBa (300 amps) 81.5 dBa (500 amps) • Internal crankcase breather for reduced emissions and is Tier 4i compliant. • The Big Blue 400 Eco Pro saves up to 25% fuel cost, or almost \$1990 annually at today's prices. 	<ul style="list-style-type: none"> • The Big Blue 400 Eco Pro is both smaller and lighter. Making it easier to handle, taking up less room on the truck and costing less to transport. • Miller is the better choice for a quieter work environment. (A 3 dBa difference is equivalent to doubling the sound.) • The Big Blue 400 Eco Pro is a great way to increase productivity on the job site. • By decreasing the amount of time spent at the fuel pump as well as reduced cooling system fills, the hassles of machine maintenance are reduced.

For more detailed product information, see literature ED/5.3

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Stock No.	Description
#907 426	Big Blue 400 Eco Pro
#907 426-001	Big Blue 400 Eco Pro with Weld Meters and 120 V Block Heater

