

LE400

Diesel Engine Driven Welder/Generator



COMPACT, MULTI-PROCESS PERFORMANCE

RELIABLE POWER

- Equipped with a 22 hp, EPA Tier 4 Compliant Kubota® diesel engine
- 400 amps of welding output with 10kW single phase and 11kW three phase auxiliary power.

COMPACT & DEPENDABLE

- Field-proven ruggedness - Sealed GFCIs, stainless steel paneling, and potted PC boards for added protection and durability
- Small, lightweight design ideal for placing on a truck or trailer

CAPABLE

- Chopper Technology® delivers superior DC arc welding performance for a smooth arc and excellent bead appearance.
- Arc Force Control and Downhill Pipe Mode for enhanced SMAW weld performance.

RENT-READY

- Simple, straightforward operation with available trailer packages for total operator ease-of-use

Processes »

SMAW (Stick), FCAW (Flux-Cored), GMAW (MIG), GTAW (TIG), CAC-A (Arc Gouging)

Output »



Input »



Industries Served »

- Maintenance & Repair
- Pipeline
- Power Generation
- Shipbuilding
- Structural

Key Accessories »

- LN-25® Wire Feeder
- Remote Output Control
- Medium Two-Wheeled Trailer

MACHINE SPECIFICATIONS

Product Name	Rated Output ⁽¹⁾ @104°F [40°C]	Output Range	Open Circuit Voltage	AC Generator Auxiliary Power ⁽²⁾⁽³⁾	Dimensions H x W x L in (mm)	Weight lb (kg)
LE400	400A / 23V / 100%	30-400A CC/CV 40-300A Pipe 20-250A TIG 90-300A Gouge	60V Max OCV @1890 RPM	1-Phase: 11.5 kW Peak 10 kW Continuous 120/240V AC, 60Hz 3-Phase: 12.5 kW Peak 11 kW Continuous 240V, 60Hz	Machine only 35.9 x 25.3 x 60.0 (913 x 642 x 1524) To top of exhaust tube: 44.3 (1124)	1,035 (469)

(1) High Altitude: For maximum rating, derate the output 2.5% to 3.5% for every 1,000 ft. (300 m). High Temperature: For maximum rating, derate 2 volts for every 18°F (10°C) above 104°F (40°C).

(2) When welding, available AC generator power will be reduced. Output voltage is within +/- 10% at all loads up to rated capacity.

(3) 120V will operate either 60 Hz or 50/60 Hz power tools, lights, etc.

ENGINE SPECIFICATIONS

Engine Model	Engine Description	Operating Speed (RPM) @ 22 HP	Displacement	Capacities
Kubota V1505 ⁽¹⁾ EPA Tier 4	4 Cylinder, 22 HP Naturally Aspirated Water-Cooled Diesel Engine	High Idle: 1890 Low Idle: 1350	91 cu in. (1.5 L)	FUEL: 20 (75.7) OIL: 6.4 qts. (6.0) RADIATOR COOLANT: 7.2 qts. (6.8)

(1) Kubota warranty is 2 years/2,000 hours for machines shipped within the U.S., Canada, Pacific Ocean region and Western Europe. Warranty is 1 year/1,000 hours for Central and South America, Asia, Africa and Middle East.

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

Manufactured at a facility with certified ISO Quality and Environmental Management Systems.

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed. Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

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