

FLEET™ 500

SIMPLE AND RUGGED



Powerful

- Weld at 500A at 30V, 40% duty cycle, even at 40°C
- 5025 Watts of Auxiliary Power available between a 240V Euro receptacle and a 120V Euro receptacle

Dependable

- Proven Chopper Technology™ delivers easy arc starting, smooth arc action, and low spatter levels
- Desert Duty Rated™

Simple

- Easily choose between Stick, Pipe, Gouge, or TIG modes with single selector switch
- Pipe mode offers sloped volt/amp curve for pipe welding
- Arc Force control allows the operator to adjust for a soft buttery arc or a more forceful digging arc

Processes »

Stick, TIG, Gouging, Pipe

Output »



Input »



Applications »

- Maintenance and Repair,
- Construction
- Pipeline



MACHINE SPECIFICATIONS

Product Name	Product Number	Description	Rated DC	DC Current	Auxiliary Power	Dimensions HxWxD in (mm)	Net Weight lb (kg)
FLEET 500	K4338-2	500A DC Engineered DC Generator	At 40°C 500A/30V/40%	Stick Mode 30-500A Pipe Mode 30-300A TIG Mode 20-250A Gouge Mode 90-450A	60Hz / 240V / 15A 60Hz / 120V / 15A (5025 Watts Total)	35.9 x 25.3 x 60.0 (913 x 642 x 1524) To top of exhaust tube 46.2 (1174)	1230 (559)

ENGINE SPECIFICATIONS

Product Name	Engine Model	Description	Horsepower & Displacement	Capacities	Operation Load	Fuel Consumption
FLEET 500	Perkins® 404D-22 EPA Tier 4i	4 Cylinder, 4 Cycle Water-Cooled Diesel Engine, 12V Electric Start, Dry Type Air Cleaner, Fuel filter with Water Separator, Mechanical Governor	32.7 HP @ 1800 RPM 136 cu. in. (2.2L)	FUEL: 20gal. (76.0L) OIL: 8.45 qts (8.0L) RADIATOR COOL-ANT: 8.0 qts (7.6L)	High Idle - No Load Rated Output	0.42 gals/hr - 1.57 L/hr 1.18 gals/hr - 4.46 L/hr

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.

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