

# NEW! SAE-500

## Diesel Engine Driven Welder — Manual Processes

For demanding jobs that call for high amperage capabilities, the SAE-500 offers 500 amps for DC stick welding and 3,000 watts of AC power. Designed especially for pipeliner welding operations and field construction welders, the SAE-500 is powered by a heavy duty Kubota® industrial diesel engine, which offers low maintenance and long life for hassle-free operation. Add CV wire welding with the optional CV Adapter.

### Processes

Stick, TIG, Flux-Cored®, Gouging



Output



Input



Kubota



### KEY FEATURES

- **Rugged Construction** - Withstands rough field handling, protecting internal parts.
- **Dual Continuous Output Control** - Select either a soft "buttery" arc or snappy "digging" arc for fast, high-quality welding.
- **High Duty Cycle Welding Output** - 100% duty cycle at 400 amps and 60% duty cycle at 500 amps for demanding applications.
- **Arc Gouging** - Arc gouging with up to 3/8" (10 mm) carbons.
- **Heavy Duty Industrial Diesel Engine** - Kubota® 4-cylinder, water-cooled industrial turbo-charged diesel engine offers low maintenance and long life.
- **Multiple Arcs** - Large-capacity DC weld output makes the SAE-500 the #1 choice for multiple arcs with the Multi-Weld™ 350 system. (See recommended options section.)
- **ISO 9001** - Manufactured under a quality system certified to ISO 9001 requirements and ISO 14001 environmental standards.
- **Three-year Lincoln Warranty** - Three-year Lincoln warranty (parts and labor) on welder. (Engine is warranted separately by the manufacturer.)

<sup>(1)</sup>With CV Adapter.

Product Name	Rated Output Current/Voltage/ Duty Cycle	Output Range <sup>1</sup>	Type of Engine	No. of Cyls	HP & Speed (rpm)	H x W x D (inches) (mm)	Net Weight (lbs.) (kg)
SAE-500	400A DC/400/100% 500A DC/200/60%	80-575A/DC 3000 watts	Kubota® K1800-1 Turbo Diesel (2000 lbs. fuel tank)	4	57.8 @ 1800	50.1 x 28 x 83 (1273 x 711 x 2109)	2540 (1150)

# Lincoln 500 Welder Service Manual

**EW Minium**



## **Lincoln 500 Welder Service Manual:**

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