Bulldog® 5500

Processes
Stick

Product Number
K2708-2

See back for complete specs

Output Range
70-140A AC Welding
5,500 Watts Surge AC Generator
4,000 Watts Continuous AC Generator

Rated Output - Current/Voltage/Duty Cycle
125A AC/20V/30%
100A AC/25V/60%

Number of Cylinders
1

HP @ Speed (RPM)
8.9 HP @ 3,600 RPM

Weight/Dimensions (H x W x D)
198 Lbs. (90 Kg)
25.6 x 21.8 x 31.5 in.
(651 x 553 x 800 mm)

Portable AC Welder/AC Generator

It’s great for homeowners and anyone who needs portable AC stick welding and AC generator power!

FEATURES

- Low-Lift™ Grab Bars (Patent Pending)
  - More leverage for lifting unit on and off truck beds.
  - Extra protection against product damage.
  - Best in class feature!

- 1-1/4 in. (32 mm) Diameter Rugged Tube Frame
  - Great for all-around sturdy protection.
  - Largest diameter tube frame in its class!
  - Best in class feature!

- AC Welding with up to 1/8 in. (3.2 mm) Stick Electrode
  - Up to 140 amps of AC output for many applications.

- 5,500 Watts Surge (4,000 Watts Continuous) AC Generator Power
  - Many uses! Grinder, work lights, pump, motor starting, or emergency power.
  - Plug in a Lincoln® POWER MIG® 140C for wire welding.

APPLICATIONS

- Home Use
- Maintenance and Repair
- Ranch/Farm

AC stick welding
Low-Lift™ Grab Bars

Powered By:
KOHLER.

Two Year Extended Warranty Available in U.S. and Canada

THE LINCOLN ELECTRIC COMPANY
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ARC PERFORMANCE

- Up to 140 amps of AC welding output for welding steel, stainless steel, cast iron or hardfacing projects with up to 1/8 in. (3.2 mm) stick electrode. Suggested electrodes are Lincoln Electric 7018AC (AWS E7018) and Fleetweld® 180 (AWS E6011).
- Single, full range calibrated welding output dial makes it simple to dial in the ideal amperage for your repair, maintenance or fabrication project. Dial also includes operating ranges for 3/32 in. (2.4 mm) and 1/8 in. (3.2 mm) electrode.

AC GENERATOR PERFORMANCE

- Delivers up to 16.7 amps continuous power from the 240V AC receptacle, and up to 33.3 amps continuous power from the two 120V AC duplex receptacles.
- All outlets are circuit breaker protected.
- Optional GFCI (Ground Fault Circuit Interrupter) Kit available for additional protection from electric shock in the AC generator auxiliary power circuit.

FEATURES

- Low-Lift™ grab bars provide more leverage compared to competitive equipment for lifting the Bulldog™ 5500 on and off truck beds and other high surfaces. Grab bars also provide extra protection against product damage.
- Kohler® 8.9 HP Model CH395 OHV (overhead valve) gasoline engine with:
  - Cast iron cylinder liner for long engine life.
  - Automatic shutdown for low oil level.
  - 3 Year Kohler® engine warranty.
- Easy to maintain engine with oil changes only every 100 hours. No oil filter to change.
- Hour meter on control panel to monitor run time for scheduled engine maintenance.
- Noise at rated load:
  - 103 dB Sound Power (Lwa)
  - 78.2 dBA Sound Level at 23 ft. (7 m)
- Combination muffler/spark arrestor virtually eliminates spark emissions.

QUALITY AND RELIABILITY

- Welding and AC Generator Outputs Rated at 104°F (40°C).
- Dependability and long life aided by all-copper windings in rotor and stator with high quality insulation.
- Red and black powder paint finish offers increased durability with added protection from rust and corrosion. Also ultraviolet resistant to better retain color and gloss.
- Manufactured under a quality system certified to ISO 9001 requirements.
- This equipment meets U.S. EPA EVAP standards for reduced emissions of gasoline vapor.
- Canadian Standards Association (CSA) certified.
- Three-year Lincoln Electric warranty on parts and labor (engine is warranted separately by the manufacturer).
**KEY CONTROLS**

1. Engine Hour Meter
2. Output Control Dial
3. 120 Volt AC Receptacles (NEMA 5-20R)
4. Circuit Breaker
5. 240 Volt AC Receptacle (NEMA 6-20R)
6. Output Studs
7. Grounding Stud

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**ENGINE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Description</th>
<th>Horsepower &amp; Displacement</th>
<th>Ignition</th>
<th>Capacities</th>
<th>Operating Speeds</th>
<th>Fuel Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kohler® CH1995 (4)</td>
<td>1 Cylinder, 4 Cycle, Air Cooled, Gasoline Engine, Aluminum Alloy, Cast Iron Liner</td>
<td>8.9 HP @ 3,600 RPM (5)</td>
<td>Manual Recoil Start, with Automatic Compression Release; Manual Choke; On/Off Switch</td>
<td>FUEL: 1.9 Gals (7.2 Ltrs)</td>
<td>FULL LOAD (5) 3,600 RPM</td>
<td>0.74 Gals./Hr 2.80 Ltrs./Hr</td>
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<tr>
<td></td>
<td></td>
<td>16.9 cu in (277 cc)</td>
<td></td>
<td>OIL: 1.2 Qts (1.1 Ltrs)</td>
<td>NO LOAD 3,750 RPM</td>
<td>0.31 Gals./Hr 1.17 Ltrs./Hr</td>
</tr>
</tbody>
</table>

(4) Kohler® warranty is three years.

(5) Kohler® also rates this engine at 9.5 HP @ 4,000 RPM.

(6) Continuous AC generator power.

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**MACHINE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Ordering Information</th>
<th>Description</th>
<th>CC Rated Output Current/Voltage/Duty Cycle</th>
<th>Generator AC Power (6)</th>
<th>Dimensions H x W x L inches (mm)</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulldog® 5500</td>
<td>K2708-2</td>
<td>140 Amp AC Arc Welder with 5,500 Watts Surge 4,000 Watts Continuous AC Power</td>
<td>AC Constant Current 125A AC/20V/30% 100A AC/25V/60%</td>
<td>5,500 Watts Surge 4,000 Continuous 60 Hz, 120V/240V AC (2) Single Phase 100% Duty Cycle Circuit Breaker Protection</td>
<td>25.6 x 21.8 x 31.5 (651 x 553 x 800)</td>
<td>198 (90)</td>
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<td></td>
<td></td>
<td></td>
<td>Current Range 70-140 A Max. OCV@ 3750 RPM 66V RMS</td>
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1. When welding, available auxiliary power will be reduced.
2. 120V will operate either 60 Hz, or 50/60 Hz power tools, lights, etc.
3. Circuits cannot be wired in parallel to operate the same device.

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**Bulldog® 5500 Engine Driven Welder**
CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them 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. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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