The Ranger 330MPX welder/generator leads the way for the construction, maintenance, and service truck industries. The modern design and advanced features allow this machine to streamline welding operations and improve efficiency at the job site. This low-decibel machine helps keep your work environment comfortable while still being able to perform every job. Increase productivity with the Ranger 330MPX welder/generator’s new technology:

- Easy-to-Use Digital User Interface
- Full Suite of Smart Features
- Clean AC Generator Power
ADVANCED FEATURES

» Enhanced remote control capabilities offer operators the ability to select their preferred remote amperage scale

» Enable the supervisor and operator passcode protection to lock settings and weld modes

» The maintenance screens allows the machine to record engine hours for proper service and maintenance

SMALLER SIZE

- Up to 20% smaller footprint than other machines in its class
- Up to 25% lighter making it easier to maneuver around the job site
- Up to 31% smaller in volume than other machines in its class

QUIETER SOUND

- Up to 60% quieter than other machines in its class
- Engineered to enhance operator comfort and safety

SMARTER MACHINE

PERFORMANCE-BOOSTING TECHNOLOGY

Ready.Set.Weld® intuitive push-and-turn digital controls make setup a breeze

ArcFX™ technology provides instant graphical feedback on how settings affect the weld outcome

The Chopper Technology® feature provides easy starts, a smooth and consistent arc, and low spatter for optimal bead appearance

CrossLinc® remote technology communicates voltage control to the welding power source through one common weld cable

Ranger 330MPX | 26 x 20 x 36 in

Similar Model
28 x 20 x 40.5 in
SMARTER MACHINE

HIGH QUALITY OPERATIONS
- Clean AC generator with 10 kW of continuous, consistent power to keep tools running without interruptions
- New engine driven weld modes: downhill pipe, touch-start pulse TIG, and pulse spool gun
- Plenty of power at 330A/28V for 100% duty cycle to weld ¼ in. 7018 electrode
- Fine tune adjustments available on: Hot start, arc force, and pinch controls
- Arc gouging capabilities up to 3/16” carbon electrode

NEW BOLT PATTERN MOUNTING SPECIFICATIONS
BASE VIEW

* New bolt pattern compatible with the competition

MAGNUM PRO® 250LX GT SPOOL GUN

The Magnum PRO 250 LX GT Spool Gun is the first direct connect spool gun in its class to provide a cost saving solution with no additional accessories required

KEY CONTROLS

1. Amps
2. Fuel Gauge
3. Weld Mode
4. Home Button
5. Local/Remote Button
6. Output
7. Advanced Weld Feature w/ ArcFX Technology
8. Ready.Set.Weld. Parameters
9. Back Button
10. Help Button
1. Digital User Interface
2. Engine Choke Control
3. GFCI
4. 120/240 Volt AC Full KVA Receptacle
5. Output Studs
6. Front battery access for easy maintenance
7. Engine Start Switch
8. Scroll Knob
9. 240 Volt AC Receptacles
10. Ground Stud
11. 120 Volt AC Receptacles
12. Galvanized base to increase the life of the machine and prevent rusting
13. Strain relief shackles for improved life on cables
14. 6 pin connector for easy to connect remote control operations, or foot or hand amptrol
15. Circuit Breakers
16. 7 pin connector for the first in class direct connect spool gun
RECOMMENDED ACCESSORIES

POWER SOURCES
- **Square Wave TIG 200**
  - A TIG welder that includes AC frequency controls and AC balance for great results on aluminum. Order K5126-1

- **Power MIG® 290 MP**
  - A multi-process CV and CC welder provides easy to use interface to help achieve consistent weld performance. Order K3961-1

- **Power MIG 180C**
  - Compact CV wire welder for MIG and flux-cored welding. Order K2473-2

- **Tomahawk™ 1000**
  - Portable plasma cutter for fast and precise metal cutting. Order K2808-1

WIRE FEEDERS
- **ActiVX™**
  - Compact wire feeder providing simple controls and across-the-arc operations. Order K3591-1

- **LN-25X™**
  - Portable, easy to set, and reliable wire feeder with CrossLinc® Technology. Order K4267-1

- **LN-25X / Magnum PRO Curve™ 045C One-Pak**
  - Wire Feeder Includes: LN-25X Feeder, Magnum® PRO Curve™ welding gun Ready-Pak®, .040-.045 in. (1.0-1.2 mm) Cored Wire Drive Roll Kit. Order K4100-1

- **Magnum 250 LX GT Spool Gun**
  - A quick-connect hand held semiautomatic wire feeder for welding 1lb spools. Order K3569-2

- **Adjustable Gas Regulator & Hose Kit**
  - A gas regulator for CO2, Argon, and Argon blends. Kit includes: Pressure gauge, dual scale flow gauge, and 4.3 ft. (1.3mm) gas hose. Order K561-1

STICK OPTIONS
- **Accessory Kit**
  - 400 amp nominal rating stick welding kit with: electrode holder, work clamp, 20 ft. (6.1 m) 16 electrode cable with lug, 15 ft. (4.6 m) 16 work cable with lugs, headshield, filter plate, work clamp, electrode holder and sample pack of mild steel electrode: 150 amp capacity. Order K704

- **Remote Control Kit**
  - A control box allowing adjustable output from varying cable lengths. Order: K487-1 for 100ft K4808-1 for 125ft K4828-1 for 125ft with 110VAC receptacle

- **CrossLinc Remote**
  - A Remote control added in-line with the welding power cable allowing remote output control of the power source through the weld cable for Stick, TIG and Gouging processes. Order K445-1

TIG OPTIONS
- **Pro-Torch™ PTA-26 TIG Torch**
  - Air-cooled 200 amp torch [2 piece separate power conductor and a braided gas hose]. Order K748-4

- **Magnum Parts Kit for PTA-26**
  - Provides all the torch accessories to start welding. Kit includes: collets, collet bodies, a back cap, alumina nozzles, and tungsten in a variety of sizes. Order KP509

- **Foot Amptrol**
  - Provides 25ft of adjustable weld current based on the applied pressure on the pedal, great for making critical TIG welds and crater filling. Order K2070

- **Wireless Foot Amptrol**
  - Wireless foot pedal, great for making critical welds and crater filling remotely. Order K427-1

- **Hand Amptrol**
  - Provides 25ft of remote current control through a handheld regulator. Order K963-3

- **TIG Module**
  - Portable, high frequency unit with gas valve for TIG welding. Rated at 310 amps/60% duty cycle. Order K830-2

- **TIG Module Cable**
  - Connects TIG Module to the power source with a 9-pin connector to a 6-pin connector. Order K936-1

TRAILERS AND UNDERCARRIAGES
- **Small Two-Wheeled Road Trailer**
  - Two-wheeled trailer with a standard Duo-Hitch™ for heavy-duty road, off road, plant and yard use. Includes pivoting jack stand, safety chains and 13in wheels. Order: K2639-1 Trailer K2639-1 Fender and light kit K2640-1 Cable Rack

- **All Terrain Undercarriage**
  - Portable cart for the moving the engine drive by hand over construction sites with heavy-duty puncture resistant tires. Order K3590-1

- **Factory Undercarriage**
  - Portable cart for the moving the engine drive by hand over smooth surfaces with heavy-duty puncture resistant tires and swivel castors. Order K3591-1

ADDITIONAL ACCESSORIES
- **Power Plug Kit**
  - Provides four 120V plugs rated at 20 amps each, and one dual voltage, full KVA plug rated at 120/240V, 50/60amps. Order K828N

- **Spark Arrester**
  - Attaches to muffler exhaust tube and virtually eliminates spark emissions. Order K3678-1

- **Ballistic Nylon Cover**
  - A mildew resistant and water repellent cover to protect the engine drive when not in use. K3588-1

- **Kohler® Tune-Up Kit**
  - Engine maintenance kit includes: Spark plugs, in-line fuel filter, air filter pre-cleaner, oil, and oil filter. K3494-1

### 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>CV-Rated Output Current/ Voltage/ Duty Cycle</th>
<th>Generator AC Power</th>
<th>Dimensions H x W x L (inches (mm))</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranger 330MPX</td>
<td>K3459-1</td>
<td>Painted Roof, Case Sides and Engine Doors</td>
<td>DC Constant Current 330A/28V/100%</td>
<td>DC Constant Voltage 312A/29V/100%</td>
<td>11,500 Watts Peak</td>
<td>26 x 20 x 36 (660 x 508 x 914)</td>
<td>446 (202)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>330 Amp DC Mult-Process Arc Welder with Chopper Technology</td>
<td>DC Pipe Current 330A/28V/100%</td>
<td>10,000 Watts Continuous 60 Hz Single Phase</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Touch Start TIG 330/23.2/100%</td>
<td>Full KVA Receptacle 40A @ 240V</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>40A @ 120V ea. Branch Circuit</td>
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<td></td>
<td></td>
<td></td>
<td>Four 120V Receptacles 20A Total</td>
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</tr>
</tbody>
</table>

(1) DC constant voltage capability provides convenience and added safety when welding in electrically hazardous conditions.

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

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

(4) Circuits cannot be wired in parallel to operate the same device.

### 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 OHV (5)</td>
<td>2 Cylinder, 4 Cycle, OHV, Air-Cooled Gasoline Engine Aluminum Alloy Block with Cast Iron Liners Electric Fuel Pump</td>
<td>25 HP @ 3600 RPM 44.2 cu in (725 cc)</td>
<td>Electric Start, 12V Group 99 Battery, 410 Cold Cranking Aamps, Rotary Start Switch</td>
<td>FUEL: 11 Gals (41.6 liters) OIL: 2.0 Qts (1.9 liters)</td>
<td>FULL LOAD 3,600 RPM</td>
<td>11.6 Gals/Hr 6.1 liters/Hr</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>HIGH IDLE 3650 RPM</td>
<td>0.8 Gals/Hr 3.1 liters/Hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LOW IDLE 2,480 RPM</td>
<td>0.6 Gals/Hr 2.1 liters/Hr</td>
</tr>
</tbody>
</table>

(5) Kohler warranty is 3 years.

### PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Engine</th>
<th>Rated Output Current/Voltage/Duty Cycle</th>
<th>AC Generator Power Output</th>
<th>Capacities</th>
<th>Dimensions</th>
<th>Noise At Full Load (dBA)</th>
<th>Net Weight lb (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3459-1</td>
<td>Kohler OHV</td>
<td>NON-IEC Rating: Maximum Output: 330A/28V/100%</td>
<td>1-Ph/AC Power: 10 kW Continuous 11.5 kW Peak</td>
<td>Fuel: 11 gal. OIL: 2.0 qts</td>
<td>26 x20 x36 (660 x 508 x 914)</td>
<td>74.7 dBA</td>
<td>446 (202)</td>
</tr>
</tbody>
</table>


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

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**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 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. 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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