

Ranger® 305 D

EPA Tier 4

Processes

Stick, TIG, MIG, Flux-Cored, Gouging

Product Number

K1727-4

See back for complete specs

Output Range

See Back Page

Rated Output Current/Voltage/Duty Cycle

305A DC CC/29V/100%

300A DC CV/29V/100%

Number of Cylinders

3

HP @ Speed (RPM)

18.8 HP @ 3600 RPM

Weight/Dimensions (H x W x D)


698 lbs. (317 kg)

29.9 x 21.5 x 52.3 in.

(759 x 546 x 1327 mm)

35.8 in. (909 mm) To Top of Exhaust Tube

Ready for a Workout!™

The Ranger® 305 D is a powerful multi-process stick, TIG, wire and pipe welding engine-driven welder that is ready for all day, everyday performance. It includes Lincoln Electric  Chopper Technology® for superior arc performance.

FEATURES

▶ Multi-Process Welding

- Excellent DC multi-process welding for general purpose stick, downhill pipe (stick), TIG, cored-wire, MIG (CO₂ and mixed gas) and arc gouging.
- Only compact diesel welder in North America rated at 29V for 300 amps of stick or CV wire welding.
- CV wire welding with up to 5/64 in. (2.0 mm) diameter electrodes.

▶ Digital Weld Meters

- Digital weld meters for amps and volts makes it easy to precisely pre-set your procedures and monitor actual welding output.

▶ Superior Arc Performance

- Lincoln Electric  Chopper Technology® – provides easy starts, a smooth arc, low spatter and excellent bead appearance.

▶ 10,000 Watts Peak Single-Phase AC Generator Power

- 10,000 watts peak for motor starting.
- 9,500 watts continuous for high capacity needs such as a back-up generator, powering a Lincoln Electric Invertec® inverter welder. Also use for lights, a grinder or other power tools.
- AC generator voltage is constant at 120V or 240V at any weld dial setting.



APPLICATIONS

- ▶ Construction
- ▶ Maintenance and Repair
- ▶ Pipe
- ▶ Ranch/Farm



INPUT



OUTPUT



FEATURES, CONT'D.

▶ Skewed Rotor Design

- Skewed rotor design provides AC power suitable for operating Lincoln Electric inverter power sources.

▶ Rugged Reliability

- Welding and AC Generator Outputs rated at 104°F (40°C).

▶ 18.8 HP Kubota® Diesel Engine

- Water-cooled for low noise.

Kubota®



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

LINCOLN
ELECTRIC
THE WELDING EXPERTS®



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