

BULLDOG® 145

WELDER AND GENERATOR



Shown:
BULLDOG® 145, K5792-1

COMPACT SIZE. UNMATCHED BITE.

The Bulldog is a compact dual-fuel stick welder and generator built for portability. Delivering up to 4kW of clean inverter power and DC stick welding up to 145 amps, it's ideal for home projects, farm repairs, maintenance, and light fabrication. At just 134 lbs, it's the lightest in its class and easy to move with integrated wheels, a fold-down handle, and electric start with pull-start backup. GFCI outlets, USB ports, and a built-in CO sensor add convenience and safety.

Processes »

DC Stick

Applications »

Farm & Ranch, Construction, Repair, Home, Hobbyist

Output »



Input »



Product Numbers »

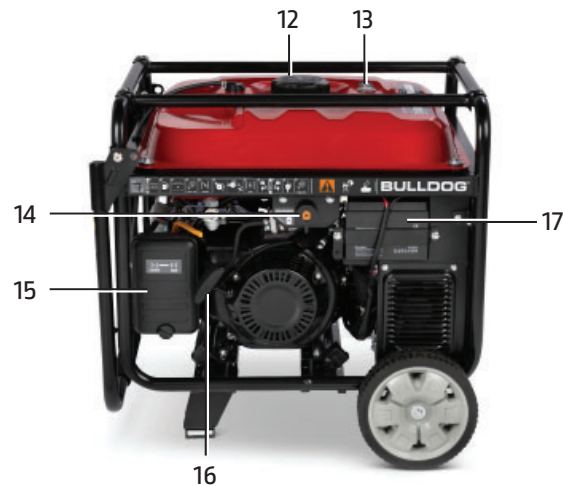
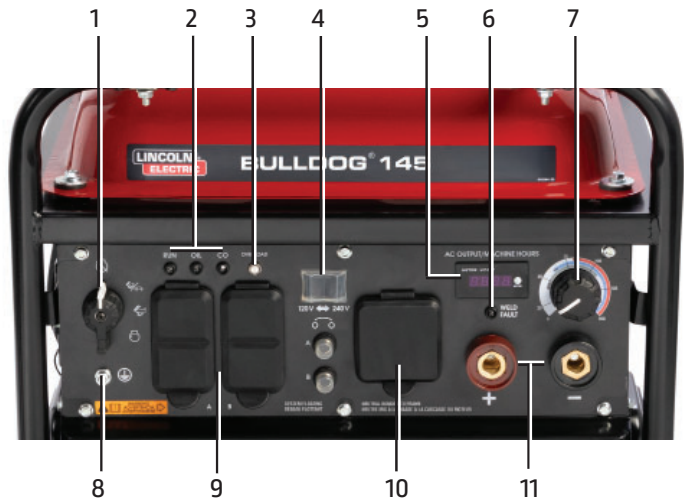
BULLDOG® 145
K5792-1

KEY FEATURES

- **Auto-Idle** - Automatically reduces engine speed during low-load operation to help reduce fuel consumption and noise.
- **Dual-Fuel** - Operates on gasoline or propane for added fuel flexibility when fuel availability changes.
- **Integrated CO Sensor** - Automatically detects elevated carbon monoxide levels and shuts down the machine for added safety.
- **Compact & Convenient** - Designed for easy transport and storage, with integrated wheels and a fold-down handle.
- **Dual-Purpose : Welding & Power** - Delivers up to 4,000 watts of clean 120V/240V AC power with under 3% THD for sensitive electronics, while also providing inverter-based DC welding up to 145 amps with simple single-dial control, supporting electrodes up to 5/32".
- **Operator-Friendly Controls** - Single-dial shows recommended ranges for common electrode sizes.

CONTROLS

1. Ignition Switch
2. Indicator Lights: Run, Oil and CO
3. Overload Indicator Light and Reset Button
4. 120V or 240V Output Selector
5. AC Output & Hour Meter
6. Weld Fault Indicator
7. Amperage Control
8. Ground
9. 120V receptacles with (2) USB-A & (2) USB C Charging Ports
10. 240V Receptacle
11. Weld Output (Twist Mate™) 35-50 mm
12. Gasoline Cap
13. Fuel Gauge
14. LPG Port
15. Air Filter
16. Manual Pull Start
17. Battery



WHAT'S INCLUDED

Propane regulator and hose compatible with standard household propane tanks (grill tanks), allowing customers to use readily available fuel.

SAE 10W-30 engine oil (0.58 qt / 550 mL)—pre-measured to the exact amount needed for the initial fill plus a funnel for quick, no-guesswork setup.

Twist Mate™ connectors that plug directly into the machine for customers who wish to make use of their own welding cables (welding cable, electrode holder, and ground clamp not included).

Wheel kit featuring axles, wheels and metal legs.

Fold-down u-shaped handle for easy one-hand transport and compact storage.

RECOMMENDED ACCESSORIES

Product Number	Description
K5981-1	Bulldog Nylon Cover
K5982-1	Bulldog 100 Hour Engine Service Kit
K2394-1	Stick Electrode Holder and Cable Assembly (Twist Mate™)
K5334-1	Welding Table

PRODUCT SPECIFICATIONS

Product Name	Product Number	Description	CC Rated Output Current/Voltage/Duty Cycle	Generator AC Power	Dimensions H x W x D in (mm)	Net Weight lb (kg)
BULLDOG 145	K5792-1	145 Amp DC Arc Welder AC Power Generator	DC Constant Current 125 A / 25 V / 100% 131A / 25.2 V / 60% Current Range 15-150 A Max. OCV 76V DC	4,000 Watts Peak 3,600 Continuous 60 Hz, 120V/240V AC Single Phase 100% Duty Cycle 120V Duplex Receptacles 240V Receptacle	24.3 x 25.1 x 25.8 [375 x 235 x 534]	134 [58]

ENGINE SPECIFICATIONS

Engine Model	Description	Horsepower & Displacement	Ignition	Capacities	Operating Speeds	Fuel Consumption (Gasoline)
GB225VEM-2	1 Cylinder, 4 Stroke, OHV*, Air Cooled, Gasoline Engine	7 HP @ 3,700 RPM 13.7 cu in [224 cc]	On/Off Switch Electric or Recoil Start; Manual Choke	Fuel: 4 Gals [15 L] Oil: .58 Qts [0.55 L]	Full Load 3,700 RPM	0.61 gal/hr 2.31 L/hr
					Low Idle 2,800 RPM	0.22 gal/hr 0.82 L/hr

*Overhead valve

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

CUSTOMER ASSISTANCE POLICY

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