

Weldanpower® 125

Versatile Welder and AC Power Generator for Year-Round Projects

Contractors and maintenance teams will appreciate the great arc and robust welding capabilities of the Weldanpower® 125. Step up to a DC welding machine, providing access to smooth running DC stick electrodes for common welding projects on steel, stainless steel, cast iron or hardfacing.

The handyman, farmer and small contractor will also value the sizable 5500 watt AC generator power for work lights, tools, pumps and emergency power. The Weldanpower® 125 – Rugged construction and reliable go-anywhere performance – That's two tools in one that pays for itself all year long.



Output

5.5s
kW

Input



Processes

Stick



Advantage Lincoln

125 Amps DC Welding

- 125 amps DC welding output is ideal for 3/32" (2.4 mm) and 1/8" (3.2 mm) diameter electrodes.
- For steel, stainless steel, cast iron or hardfacing projects.
- Single-range output control makes it easy to dial in the right welding setting for your application.

5500 Watts Surge AC Generator Power

- Sizable 5500 watts surge (4250 watts continuous) single phase AC generator power keeps your lights, tools, heaters, sump pumps or appliances running during emergencies or for any project – any-time, anywhere!
- Circuit breakers provide secure overload protection for the generator and your tools.

Rugged Tube Frame

- Rugged tube frame roll cage adds protection and many lift handle points.

Easily Transported

- Two people can easily transport the Weldanpower® 125 where welding or generator power is needed – fast!
- Lightweight – 83 lbs. (37 kg) less than competitive product.

Top Commercial Subaru Robin® 9 HP Engine

- Cast iron cylinder liner for long engine life.
- Chain-driven OHC (Overhead Cam) design is easy to start, delivers low noise and good fuel economy.

Three-Year Lincoln Electric® Warranty

- Three-year Lincoln® warranty on parts and labor. (Separate engine warranty per manufacturer).

TECHNICAL SPECIFICATIONS

Product Name	Rated Output Current/Voltage/Duty Cycle	Output Range	Engine Model	No. of Cyl.	HP@ Speed (rpm)	Dimensions H x W x D inches (mm)	Net Weight lbs (kg)
Weldanpower® 125	125A DC/25V/30% 100A DC/25V/60%	50-125A DC 5,500 Watts Surge 4,250 Watts Continuous	Subaru Robin® EX 27 Gasoline	1	9 @ 3,600	21 x 20 x 30 (530 x 508 x 762)	180 (82)

A CLOSER LOOK

ARC PERFORMANCE

- 125 amps DC welding output gives you access to steel, stainless steel, cast iron or hardfacing projects.
- Single, full range welding output control makes it simple to dial in the best amperage for your repair, maintenance or fabrication project.

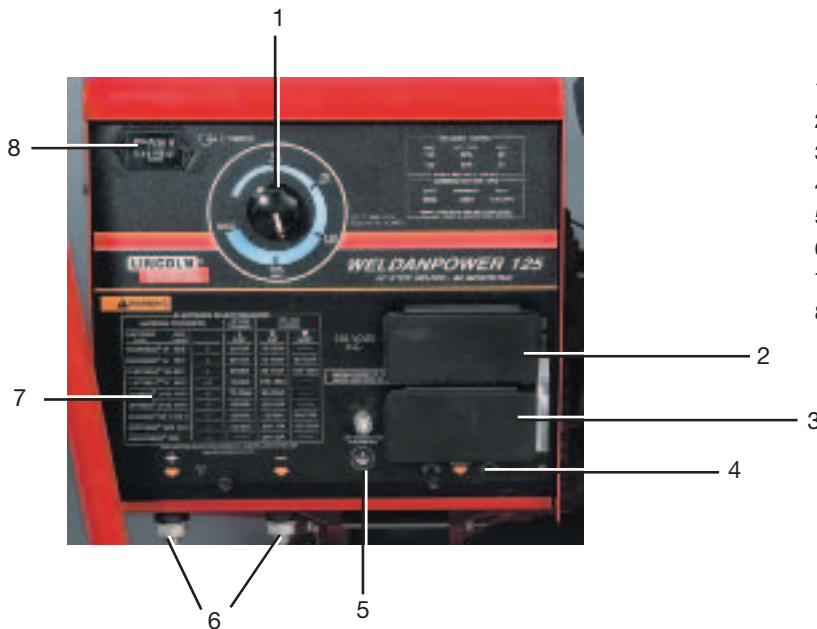
AC GENERATOR PERFORMANCE

- Plenty of 120 or 240 volt AC generator power 5500 watts surge (4250 watts continuous) for lights, tools, pumps, or emergency power outage needs.

FEATURES

- 125 amps DC welding output gives you access to steel, stainless steel, cast iron or hardfacing projects.
- Single, full range welding output control makes it simple to dial in the best amperage for your repair, maintenance or fabrication project.
- Add a Lincoln® Power MIG® 140 or Power MIG® 180 compact MIG welder powered by the Weldonpower® 125 for high productivity MIG welding on steel, stainless steel or aluminum.
- Noise at rated load:
103.9 dB sound power (Lwa)
79.2 dBA sound level at 23 ft. (7m)
- Subaru Robin® 9 HP EX27 OHC (Overhead Cam) engine has:
 - Steel chain-driven overhead cam for great reliability and long engine life.
 - Easy starts with automatic decompression system.
 - Low noise.
 - Low fuel consumption.
 - Cast iron cylinder liner for maximum engine performance and long life.
 - 1.6 gallon fuel tank. Includes fuel fill strainer.
 - Automatic shutdown for low oil level.
 - 3-Year Subaru Robin® engine warranty.
- Compact, lightweight package is 83 lbs. (37 kg) less than competitive product!
- Two people can easily transport the Weldonpower® 125 where welding and AC generator power are needed.

Key Controls




1. Current Control Dial
2. 120V AC Receptacles (NEMA 5-20R)
3. 240V AC Receptacle (NEMA 6-20R)
4. Circuit Breakers
5. Grounding Stud
6. Welding Output Studs
7. Electrode Selection Guide
8. Hour Meter

QUALITY AND RELIABILITY

- Durable generator design starts with all-copper stator and rotor windings with high quality industrial insulation, protected by a low oil-detection shutdown system, help ensure trouble-free reliability and long life.
- Maintenance-free electronic ignition with on/off switch, combined with recoil start featuring automatic decompression system, make for easy engine starting.
- Rugged tubular roll cage provides added protection and a host of handy lift handle points.
- Red powder paint finish offers increased durability with added protection from rust and corrosion. Also ultraviolet resistant to better retain color and gloss.
- Circuit breaker protection for AC power.
- Industry-leading three-year Lincoln warranty on parts and labor. (Separate engine warranty per manufacturer).
- Manufactured under a quality system certified to ISO 9001 requirements.
- Three-year Lincoln warranty on welder.
- Three-year engine warranty from Subaru Robin®.

A CLOSER LOOK

MACHINE SPECIFICATIONS

Product Name	Ordering Information	Description	CC Rated Output Current/Voltage/Duty Cycle	Generator AC Power (1)	Dimensions H x W x L inches (mm)	Weight lbs. (kg)
Weldanpower® 125	K1444-4 	125 Amp DC Arc Welder with 5,500 Watts Surge 4,250 Watts Continuous AC Power	DC Constant Current 125A / 25V / 30% 100A / 25V / 60% Current Range 50-125 A Max. OCV@ 3750 RPM 80V RMS	5500 Watts Surge 4250 Continuous 60 Hz, 120V/240V AC(2) Single Phase 100% Duty Cycle Circuit Breaker Protection 120V Duplex Receptacles 20 Amps Each 35.4 Amps Total(3) 240V Receptacle 17.7 Amps	21 x 20 x 30 (530 x 508 x 762)	180 (82)

(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) Each branch circuit can supply up to 17.7 amps at the same time. (Circuits cannot be wired in parallel to operate the same device.)

ENGINE SPECIFICATIONS

Engine Model	Description	Horsepower & Displacement	Ignition	Capacities	Operating Speeds	Fuel Consumption
Subaru Robin EX 27 (4)	1 Cylinder, 4 Cycle, Overhead Cam Air Cooled, Gasoline Engine Aluminum Alloy, Cast Iron Liner	9 HP @ 3,600 RPM 16.2 cu in (265 cc)	Manual Recoil Start, with Automatic Compression Release; Manual Choke; On/Off Switch	FUEL: 1.6 Gals (6.0 Ltrs) OIL: 1.0 Qts (1.0 Ltrs)	FULL LOAD 3,400 RPM HIGH IDLE 3,750 RPM	0.70 Gals./Hr 2.66 Ltrs./Hr 0.31 Gals./Hr 1.17 Ltrs./Hr

(4) Subaru Robin warranty is three years.

ELECTRODE SELECTION GUIDE

Material Thickness		1/8" and Thinner			1/8" and Thicker	
Electrode Type	American Welding Society Class	Electrode Polarity				
FLEETWELD® 5P	E6010	DC +	50 - 70 A	75 - 125 A	---	
FLEETWELD® 35	E6011	DC +	50 - 75 A	70 - 110 A	80 - 125 A	
FLEETWELD® 180	E6011	DC +	50 - 80 A	55 - 110 A	105 - 125 A	
FLEETWELD® 37	E6013	DC+ / -	70 - 95 A	100 - 125 A	---	
EXCALIBUR® 7018 MR	E7018 H4R	DC +	70 - 110 A	90 - 125 A	---	
JETWELD® LH-73	E7018 H8	DC +	65 - 85 A	90 - 125 A	---	
BLUE MAX® 308/308L AC/DC	E308-17 & E308L-17	DC +	40 - 80 A	75 - 110 A	95 - 125 A	
SOFTWELD® 99Ni	ENi-CI	DC +	50 - 80 A	80 - 110 A	100 - 125 A	
WEARSHIELD® ABR	---	DC +	---	50 - 125 A	---	

The values listed above are suggested settings. Actual setting may vary depending on individual preference and/or specific application. Follow tables found in accompanying Lincoln literature for those electrodes not listed. Ask for Lincoln Publication C2.10 for a complete listing of all Lincoln stick electrodes.

GENERATOR POWER APPLICATION CHART

Suggested Power Applications	Running Watts (Continuous)	Start-Up Watts(8) (Surge)
Airless Sprayer - 1/3 HP	600	1,500 - 2,400
Electric Motor - 1 HP	1,000	2,500 - 4,000
Portable Grinder (7")	2,000	
Halogen Work Light	500	
Hand Drill - 3/8"	700	
Heater	1,750	
Submersible Pump - 1 HP	1,000	2,500 - 4,000
Sump Pump	600	1,500 - 2,400
Lincoln Wire Feeder/Welder	4,000	

(8) Equipment with unusually high START-UP WATTS is listed. For start-up of other tabled equipment that uses a motor, allow up to 2 times the RUNNING WATTS shown above. Multiple loads can be used as long as the total load does not exceed 4250 watts continuous.

Note: Wattage listing is approximate. Check your equipment for actual wattage.

RECOMMENDED OPTIONS

GENERAL OPTIONS

Accessory Kit

For stick welding. Includes 20 ft. (6.1m) #6 electrode cable with lug, 15 ft. (4.6m) #6 work cable with lugs, headshield, filter plate, work clamp, electrode holder and sample pack of mild steel electrode. 150 amp capacity.

Order K875



Undercarriage

For moving by hand.

Order K882-2



WELDPower 125® ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
WELDPower 125	K1444-4		
RECOMMENDED GENERAL OPTIONS			
Accessory Kit	K875		
Undercarriage	K882-2		
	TOTAL:		

NEW!

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 advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsible manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

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