

Maxstar® 150 S

**Stick Welding
Power Source** 

Quick Specs

Light Industrial Applications

Maintenance Repair
Shipboard Installation/Repair
Farm/Ranch
Hobbyist

Process

Stick (SMAW)

Input Power

120–240 V, 1-Phase Power

Amperage Range 120 VAC: 20–100 A (DC)
240 VAC: 20–150 A (DC)

Max. Open-Circuit Voltage 90

Net Weight 13.2 lb. (6.0 kg)



Allows for any input voltage hookup (120–240 V) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.



Multi-Voltage Plug (MVP™) allows for connection to 120- or 240-volt receptacles without tools by choosing the plug that fits the receptacle and connecting it to the power cord.

Portable in the shop or at the jobsite—at 13.2 pounds, the shoulder strap allows the end user to easily move from location to location.

Thermal overload protection with indicator light helps prevent machine damage if the duty cycle is exceeded or airflow is blocked.



Single amperage range allows operator to accurately set amperage on both 120- or 240-volt primary power.

Hot Start™ adaptive control provides positive arc starts without sticking.

Best-in-class Stick arc characteristics for those demanding jobs.

Low OCV Stick is a simple design that reduces the open-circuit voltage to 12–16 volts when the welding power source is not in use. This circuit design is now built into the Maxstar 150 S eliminating the need for add-on voltage reducers.

Power Factor Corrected (PFC) for optimum performance especially on 120 volts—reduces nuisance breaker tripping.

Fan-On-Demand™ power source cooling system operates only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.

Maxstar® 150 S with X-CASE™ (#907 134 012) comes complete with:

- Maxstar 150 S (Stick only) power source
- 10-ft. (3 m) MVP™ power cord
- MVP™ plugs 5-15P (120 V, 15 A) and 6-50P (240 V, 50 A)
- X-CASE™ provides protection in transport and storage
- Stick electrode holder with 13-ft. (4 m) cable and 25-mm Dinse-style connector
- Work clamp with 10-ft. (3 m) cable and 25-mm Dinse-style connector
- Shoulder strap



Power source is warranted for 3 years, parts and labor.
Original main power rectifiers are warranted for 5 years.



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Specifications (Subject to change without notice.)

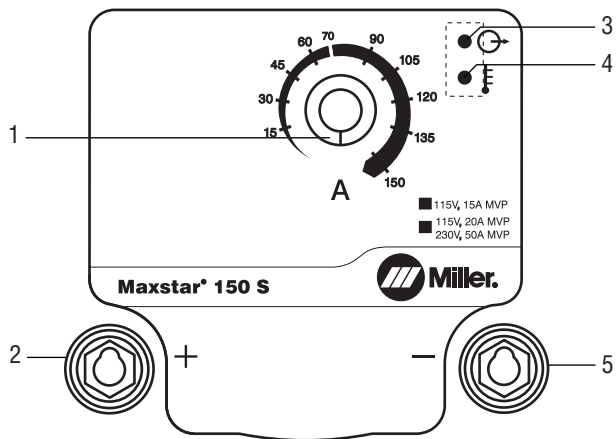


Input Power	Welding Amperage Range	Rated Output	Amps Input at Rated Output, 50/60 Hz	KVA at Duty Cycle	KW	Max. Open-Circuit Voltage	Dimensions	Net Weight
115 VAC 15 A	20–70 A	70 A at 22.8 VDC, 100% duty cycle	17.4	2.0	1.9	90 VDC (12–16 VDC*)	H: 9 in. (229 mm) W: 5.5 in. (140 mm) D: 13.25 in. (337 mm)	13.2 lb. (6.0 kg)
115 VAC 20 A	20–100 A	70 A at 22.8 VDC, 100% duty cycle	17.4	2.0	1.9			
		100 A at 24.0 VDC, 35% duty cycle	26.4	3.0	3.0			
230 VAC	20–150 A	100 A at 24.0 VDC, 100% duty cycle	13.1	3.0	2.8			
		150 A at 26.0 VDC, 30% duty cycle	21.6	4.9	4.7			

*Sense voltage for Stick.

Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

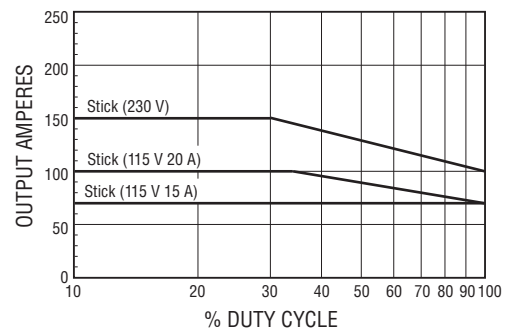
Control Panel



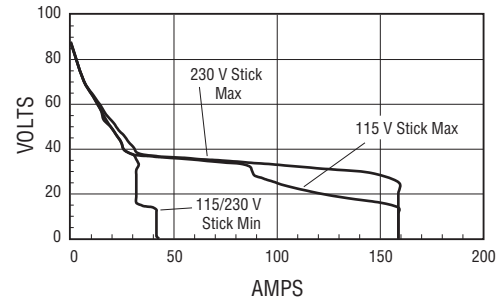
1. Amperage Adjustment Control
2. Positive Weld Output Receptacle
3. Ready Light
4. Overtemperature Light
5. Negative Weld Output Receptacle

Performance Data

DUTY CYCLE CHART



VOLT/AMP CURVES



Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
Maxstar® 150 S (only)	#907 134	Includes electrode holder, work clamp, and MVP™ cord and plugs		
Maxstar® 150 S with X-CASE™	#907 134 012	Includes #907 134 plus carrying case		
Accessories				
X-CASE™ (only)	#300 184	Carrying case for Maxstar 150		

Date: Total Quoted Price:

Distributed by:

