

SRH-500

Issued April 2006 • Index No. DC/7.1

**Stick Welding
Power Source** 

Quick Specs



Heavy Industrial Applications

Steel Erection and Pipe Welding
Tank/Pressure Vessel Fabrication
Maintenance/Repair/Construction
Shipbuilding, Refineries, and Foundries
Chemical and Steel Manufacturing Facilities

Processes

Stick (SMAW)
Air Carbon Arc (CAC-A)
Cutting and Gouging

Input Power 3-Phase Power

Rated Output 500 A at 40 VDC, 35% Duty Cycle

Weight 755 lb (342 kg)

The Power of Blue.®

Superior arc welding performance provides outstanding Stick welding and eliminates the need for rewelds.

Remote amperage control receptacle can easily connect remote amperage control.

Superior 6010 Stick electrode performance offers reliable puddle control with open root, full-penetration welding.

Control-circuit overload breaker allows for quick resetting and eliminates the need to keep fuses on hand.

High/low output terminals conveniently let you choose between two different amperage ranges for improved output control.



Two wide amperage ranges for fine adjustment allows exact control of weld amperage.

Electric amperage control provides reliable and infinite precision amperage control of time-tested, dependable technology.

Easy-to-install running gear has large wheels for smoother mobility.

Built-in Hot Start™ makes it easy to start difficult-to-start Stick electrodes, such as E6010 and E7018.

Optional meters are available for analog voltmeter and ammeter.

Specifications (Subject to change without notice.)



Rated Output	Welding Amperage Range	Max OCV	Amps Input at Rated Output, Three-Phase, 50/60 Hz			Dimensions	Net Weight
			220 V	380 V	440 V		
500 Amps at 40 VDC, 35% Duty Cycle	45-250 60-500	75	103	60	51	H: 30-1/4 in (768 mm) W: 22-1/2 in (572 mm) D: 35-3/4 in (908 mm)	755 lb (342 kg)



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

MADE IN **USA**
APPLETON, WI



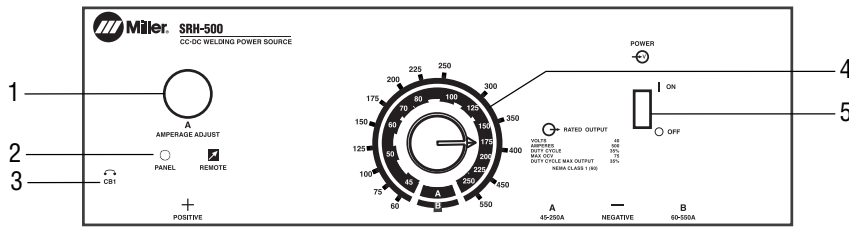
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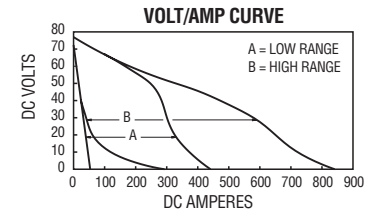
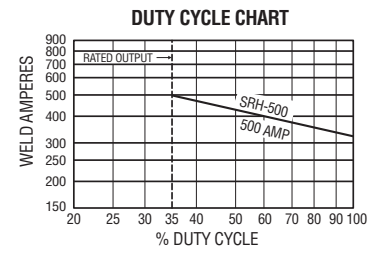


Control Panel



1. Remote Amperage Control Receptacle
2. Remote Amperage Switch
3. Circuit Breaker CB1
4. Amperage Adjustment Control
5. Power Switch

Performance Data



Miller Accessories



RHC-3 Remote Control #040 056 20 ft (6 m) Remote hand amperage control for all SRH models. Supplied with a cable and plug.



No. 20 Running Gear #041 581 Four 8 in (203 mm) poly/rubber blend wheels with 30 in (762 mm) towing handle.

Stick Hook-Up Accessories #173 851 Includes 50 ft (15.2 m) No. 2/0 electrode cable with electrode holder and lug, and 50 ft (15.2 m) No. 2/0 work cable with work clamp.

Wire Feeders



S-32S Wire Feeder #088 816 A portable, voltage-sensing wire feeder for .035–5/64 in (0.6–2.0 mm) flux cored wire. See Lit. Index No. M/6.21.



S-32SL Wire Feeder #109 294 A portable, voltage-sensing wire feeder for 5/64–7/64 in (2.0–2.8 mm) flux cored wire. See Lit. Index No. M/6.21.



SuitCase™ 8VS #194 890
SuitCase™ X-TREME™ 12VS #195 500
 An ergonomically sound, lightweight wire feeder for .023–.052 in (0.6–1.3 mm) 8 in spools. See Lit. Index Nos. M/6.4 and M/6.41.

Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
SRH-500	#902 178 01-13	220/380/440 V, 50/60 Hz, with meters		
	#902 178 01-14	220/380/440 V, 50/60 Hz, without meters		
Accessories				
RHC-3 Remote Control	#040 056	Includes 20 ft (6 m) cable and plug		
No. 20 Running Gear	#041 581			
Stick Hook-Up Accessories	#173 851	Includes 50 ft (15.2 m) No. 2/0 electrode cable with electrode holder and lug, and 50 ft (15.2 m) work cable with work clamp		
Wire Feeders				
S-32S	#088 816	See Lit. Index No. M/6.21		
S-32SL	#109 294	See Lit. Index No. M/6.21		
SuitCase 8VS	#194 890	See Lit. Index No. M/6.4		
SuitCase X-TREME 12VS	#195 500	See Lit. Index No. M/6.41		

Date: _____ Total Quoted Price: _____



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