

SRH 444

400 Amp Industrial Arc Welding Power Source

Index No. DC/7.0
Issued August 2002



Processes



**Stick (SMAW)
Welding**



**Air Carbon Arc (CAC-A)
Cutting and Gouging**



Note: Main power rectifier parts warranted for 5 years.



The SRH power source is a reliable favorite because of its history of proven durability. Welders have come to appreciate the SRH's ability to get the

job done over a wide range of applications. The SRH can be paralleled when higher amperage is needed. When you need a welding power source with a proven reputation, the SRH is an excellent choice.

Applications

- Steel erection
- Pipe welding
- Tank/pressure vessel fabrication
- Maintenance/repair
- Shipbuilding
- Construction
- Refineries
- Chemical manufacturing facilities
- Steel manufacturing facilities
- Foundries

Features

Superior arc welding performance

Electric amperage control

Superior 6010 Stick electrode performance

Control circuit overload breaker

High/low output terminals

Two wide amperage ranges for fine adjustment

Remote amperage control receptacle

Easy-to-install running gear

Built-in Hot Start™

Benefits

Outstanding Stick welding. Virtually eliminates the need for rewelds.

Provides the reliability of time-tested, dependable technology. Infinite precision amperage control.

The SRH offers the puddle control required by 6010 users around the world. Open root, full penetration welding is easily accomplished.

Protects control circuit. Circuit breaker allows for quick resetting and eliminates the need to keep fuses on hand.

Conveniently lets you choose between two different amperage ranges for improved output control.

Allows exact control of weld amperage.

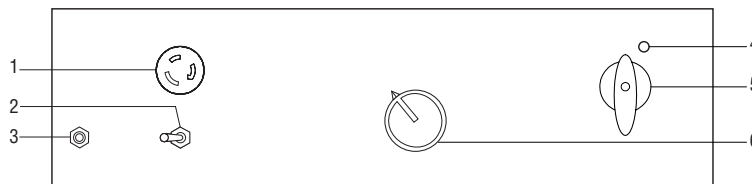
User can easily connect remote amperage control.

Running gear has large wheels for smoother mobility.

Makes it easy to start difficult-to-start Stick electrodes, such as E-6010 and E-7018.

Control Panel

1. Remote Amperage Control Receptacle
2. Remote Amperage Switch
3. Circuit Breaker CB1
4. Pilot Light (Optional)
5. Power Switch
6. Amperage Adjustment Control



Specifications (Subject to change without notice.)

Heavy Industrial **CC** **DC** **3 Phase**

Model	Rated Output at 60% Duty Cycle	Welding Amperage Ranges	Amps Input at Rated Output, Three-Phase, 60 Hz										Dimensions	Net Weight
			208V	220V	230V	380 V	440V	460 V	575 V	KVA	KW			
SRH-444	400 A at 36 VDC	30-280 50-500	89	84	80	48	42	40	32	31.9	19.6	H: 30-1/4 in (768 mm) W: 22-1/2 in (572 mm) D: 35-3/4 in (908 mm)	775 lb (351 kg)	

Ordering Information See back page.



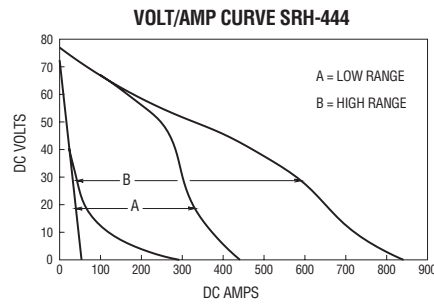
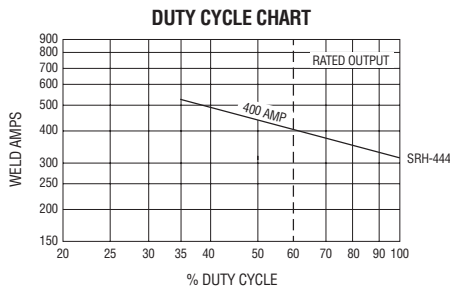
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Performance Data



Options and Accessories



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

No. 4WA Welding Accessories #040 045
Includes 35 ft (10.7 m) No. 2/0 electrode cable with electrode holder and lug, 30 ft (9 m) No. 2/0 work cable with lug, welding helmet and wire brush.

Voltage-Sensing Wire Feeders



S-32S Wire Feeder #088 816*
A portable 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, wire feeder for 5/64–7/64 in. (2.0–2.8 mm) flux cored wire. See Lit. Index No. M/6.21.



Super S-32P Wire Feeder #159 928*
A compact, portable wire feeder for .035–5/64 in (0.6–2.0 mm) flux cored wire. See Lit. Index No. M/6.3.



Suitcase 8VS™ #194 890*
An ergonomically sound, lightweight wire feeder for .023–.052 in (0.6–1.3 mm) 8 in spools. See Lit. Index No. M/6.4.



Suitcase 12VS™ #194 941*
An ergonomically sound, lightweight wire feeder for .023–5/64 in (0.6–2.0 mm) 12 in spools. See Lit. Index No. M/6.4.

**For non-critical welding applications*

Ordering Information and System Checklist

Power Source and Options	Stock No.	Description	Qty.	Price
SRH-444	#900 751	208/230/460 V, 60 Hz		
	#900 753	230/460/575 V, 60 Hz		
	#902 178	230/380/440 V, 50/60 Hz		
Accessories				
RHC-3 Remote Control	#040 056			
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		
No. 4WA Welding Accessories	#040 045	Includes 35 ft (10.7 m) No. 2/0 electrode cable with electrode holder and lug, 30 ft (9 m) No. 2/0 work cable with lug, welding helmet and wire brush		
S-32S	#088 816	See Lit. Index No. M/6.21		
S-32SL	#109 294	See Lit. Index No. M/6.21		
Super S-32P	#159 928	See Lit. Index No. M/6.3		
SuitCase 8VS	#194 890	See Lit. Index No. M/6.4		
SuitCase 12VS	#194 941	See Lit. Index No. M/6.4		
Date:			Total Quoted Price:	



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