

# SRH-444

Issued January 2006 • Index No. DC/7.0

**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** 400 A at 36 VDC, 60% Duty Cycle

**Weight** 784 lb (356 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.

**Infinite amperage control** allows precise weld output adjustment; you always get the exact heat you need to produce a better weld.

**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.

## Specifications (Subject to change without notice.)



Rated Output	Welding Amperage Range	Amps Input at Rated Output, Three-Phase, 60 Hz						Dimensions	Net Weight
		208 V	230 V	460 V	575 V	KVA	KW		
400 Amps at 36 VDC, 60% Duty Cycle	30–280 50–500	89	80	40	32	31.9	19.6	H: 30-1/4 mm (768 in) W: 22-1/2 mm (572 in) D: 35-3/4 mm (908 in)	784 lb (356 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 **USA**



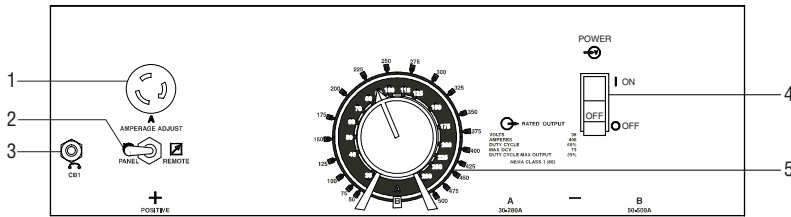
**Miller Electric Mfg. Co.**  
An Illinois Tool Works Company  
1635 West Spencer Street  
Appleton, WI 54914 USA

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USA FAX: 920-735-4134  
Canadian FAX: 920-735-4169  
International FAX: 920-735-4125

**Web Site**  
www.MillerWelds.com



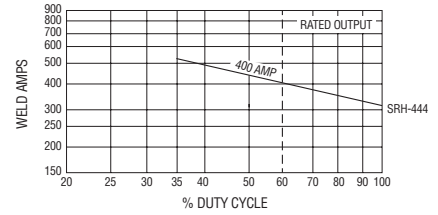
## Control Panel



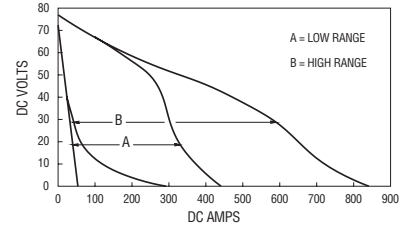
1. Remote Amperage Control Receptacle
2. Remote Amperage Switch
3. Circuit Breaker CB1
4. Power Switch
5. Amperage Adjustment Control

## Performance Data

DUTY CYCLE CHART



VOLT/AMP CURVE SRH-444



## Miller Accessories



**RHC-3 Remote Control**  
**#040 056** 20 ft (6 m)  
**#195 354** 100 ft (30.5 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.

**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



**SuitCase™ 8VS Wire Feeder #194 890**  
**SuitCase™ X-TREME™ 12VS Wire Feeder #195 500**  
 Lightweight, portable, voltage-sensing wire feeders include secondary contactor and gas valve. Require drive roll kit. See Lit. Index Nos. M/6.4 and M/6.41.

## Ordering Information

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		
<b>Accessories</b>				
RHC-3 Remote Control	#040 056 #195 354	Includes 20 ft (6 m) cable and plug Includes 100 ft (30.5 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		
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		
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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