

SRH-444

Issued April 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 in (768 mm) W: 22-1/2 in (572 mm) D: 35-3/4 in (908 mm)	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**



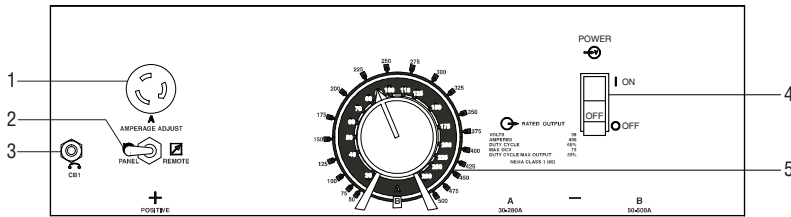
Miller Electric Mfg. Co.
An Illinois Tool Works Company
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Web Site
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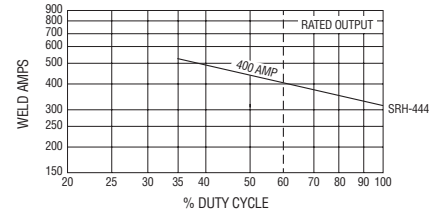
Control Panel



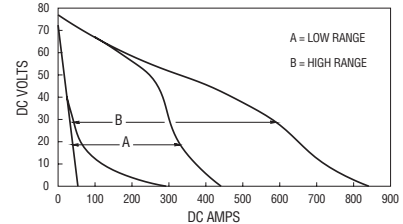
1. Remote Amperage Control Receptacle
2. Remote Amperage Switch
3. Circuit Breaker CB1
4. Power Switch
5. Amperage Adjustment Control

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		
Accessories				
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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