SRH-500

Quick Specs

Processes

Input Power 3-Phase Power

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

Weight 755 lb (342 kg)

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

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.

Specifications (Subject to change without notice.)

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

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

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

International Headquarters
Phone: 920-735-4505
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. Amperage Adjustment Control
5. Power Switch

Performance Data

DUTY CYCLE CHART

<table>
<thead>
<tr>
<th>WELD AMPERES</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
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<tbody>
<tr>
<td>% DUTY CYCLE</td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>300</td>
<td>400</td>
<td>500</td>
<td>600</td>
<td>700</td>
<td>800</td>
<td>900</td>
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</table>

VOLT/AMP CURVE

A = LOW RANGE  
B = HIGH RANGE

DC AMPERES

DC VOLTS

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

<table>
<thead>
<tr>
<th>Power Source and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
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<tr>
<td>SRH-500</td>
<td>#902 178 01-13</td>
<td>220/380/440 V, 50/60 Hz, with meters</td>
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<td></td>
<td>#902 178 01-14</td>
<td>220/380/440 V, 50/60 Hz, without meters</td>
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<tr>
<td>Accessories</td>
<td>#040 056</td>
<td>Includes 20 ft (6 m) cable and plug</td>
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<tr>
<td></td>
<td>#041 581</td>
<td>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</td>
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<tr>
<td>Wire Feeders</td>
<td>#088 816</td>
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<td>See Lit. Index No. M/6.41</td>
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</table>

Date: Total Quoted Price:

Distributed by: