

# STR<sup>®</sup> 500

Issued on August 2012 Index No. Temp

Stick/TIG Welding  
Power Source



## Quick Specs

### Industrial Applications

Mining fabrication  
Structural Fabrication  
Trailer Fabrication  
Ship Building  
Container Repairs  
Maintenance Repair

### Processes

STICK (SMAW)  
TIG, Scratch (GTAW)

**Input Power** 3 Phase, 230/380-400 VAC 50/60Hz

**Rated Output** 500Amps at 40 VDC, 35% Duty Cycle

**Weight** Net: 163 Kg (359 lb) Ship: 179 Kg (395 lb)



## The Power of Blue.<sup>®</sup>

**115V 10amp & 48V 32 amp auxiliary power receptacles** provide convenient additional power for ancillary devices.

### Lifting Eyelets

Provide a safe means of lifting the power source.

### Fan cooled design

Provides efficient cooling in the most demanding environments.

### Auto 'Hot Start' SMAW

makes it easier to start difficult-to-start Stick electrodes

### Ergonomic Design

Angled controls make reading and adjustment of welding current easier.

**Industrial Rated Components & Construction** designed to provide long lasting, trouble free performance.

**Superior performance arc control technology** provides the operator with a smooth, low spatter class leading arc suitable for a wide variety of applications.

**Help code display** provides simple and convenient indication of primary input power phase loss.

**Industrial SMAW System with:**  
Large, welding parameter display  
EZ-Set, amperage control  
Auto remote current control  
Lifting eyelets  
H/Duty Running gear  
Handle/cable carrier  
Robust, reliable construction

### Easy-To-Use User Interface

Allows the operator to select the correct welding amperage range to suit the desired electrode.

**Auto remote current control** automatically detects remote current controls, for easier set-up.

### Enclosed Circuit board

Provides additional protection from contaminants resulting in longer service life.

### Quick Connect Weld Terminals

provides simple and convenient & robust connection of weld cables.

**Industrial Running Gear**, designed for a variety of terrain. New rubber tyres provide smooth and easy manoeuvrability.



**TRUE BLUE**  
3YR. WARRANTY

Power source is warranted for 3 years, parts & labour.



Distribuito da:

**TECNOWELD**  
di ROBERTO GAMBERINI  
MATERIALI E MACCHINE PER SALDATURA

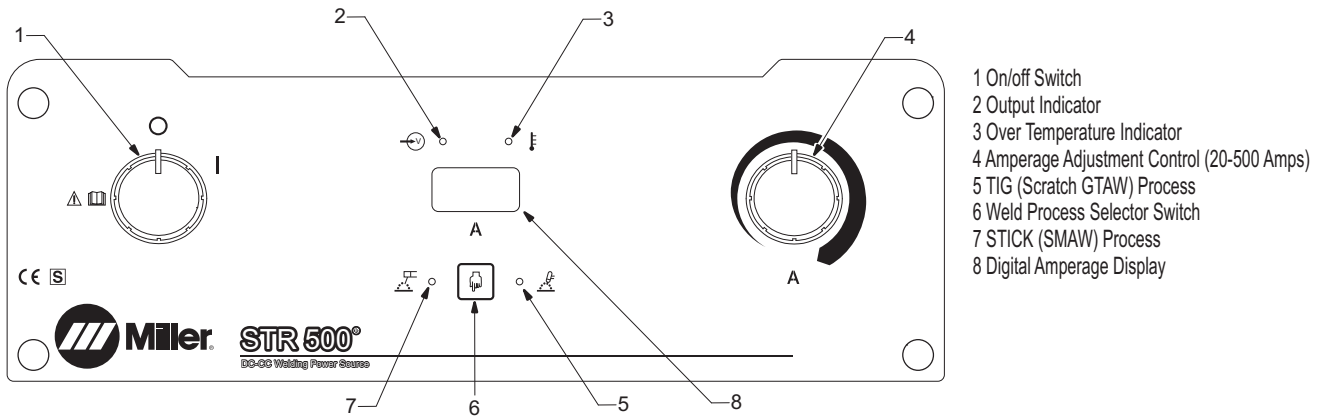
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# Specifications (Subject to change without notice)

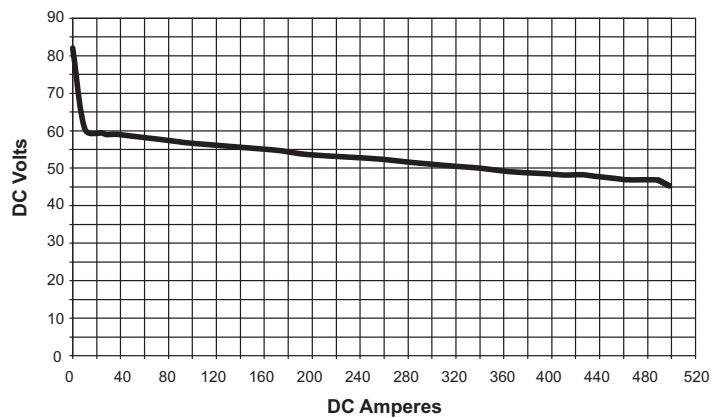
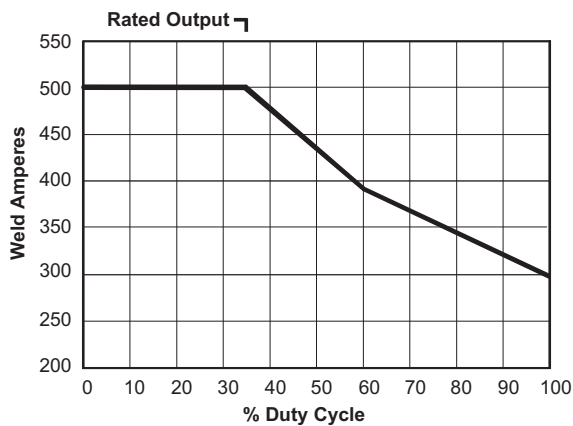


| Model   | Rated Output Duty Cycle | Max. OCV | Amperage Range | Amps Input at rated output, 50/60Hz |      | Dimensions  |
|---------|-------------------------|----------|----------------|-------------------------------------|------|---|
|         |                         |          |                | 230V                                | 400V |   |
| STR 500 | 500A/40VDC@35%          | 80V      | 20A-500A       | 80A                                 | 46A  | L. 1120 mm (44.1 in.)<br>W. 620 mm (24.4 in.)<br>L. 730 mm (28.7 in.) |

## Control Panel



## Performance Data



## Ordering Information

| Power Source and Options | Stock No. | Description                   | Qty. | Price |
|--------------------------|-----------|-------------------------------|------|-------|
| STR® 500                 | 059016018 | 230/400VAC, 3 phase, 50/60 Hz |      |       |
| <b>Accessories</b>       |           |                               |      |       |
|                          |           |                               |      |       |

Date: \_\_\_\_\_

Total Quoted Price: \_\_\_\_\_

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