Stud Welding Range
10 gauge (3mm) through 1/2” (M14) diameter studs

Standard Features
Single phase power
Variable voltage input: 208/230/460 VAC
Continuous current control from 250 to 900 Amps
Continuous time control from .05 to .7 seconds
Plug in solid-state circuitry, accessible from rear door
Wheel-mounted, heavy-gauge steel case with handle
Tool box on board
UA•500 Solid State, Single Phase Stud Welding System

**Specifications**
- Height 41" (1.04m)
- Width 16" (40.64cm)
- Depth 16" (40.64cm)
- Weight 160 lbs. (72.57 kg)

**Input Power Requirements**
- Voltage 208/230/460 VAC
- Fusing 100/100/50 Amps
- Single Phase 60 Hertz

**Output**
- 900 Amps @ 40 VDC

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**Duty Cycle**
- 1/2" (M14) 5/min.
- 3/8" (M10) 10/min.
- 5/16" (M8) 12/min.
- 1/4" or less (M6-3mm) 14/min.

**System Includes:**
- Solid state power supply and stud welding gun* with legs and foot piece
- 25 ft. (7.62m) of 1/0 ground cable with “C” clamp
- 50 ft. (15.24m) of 1/0 combination cable
  *Gun with Plunge Dampener also available.

**Electrical Characteristics**

<table>
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<tr>
<th>Voltage</th>
<th>Current</th>
<th>KVA</th>
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<tbody>
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<td>208</td>
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<tr>
<td>230</td>
<td>100</td>
<td>23</td>
</tr>
<tr>
<td>460</td>
<td>50</td>
<td>23</td>
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50 Hertz models available.

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