UA • 500
Solid State, Single Phase Stud Welding System

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
**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

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

**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>
<thead>
<tr>
<th>Voltage</th>
<th>208</th>
<th>230</th>
<th>460</th>
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<tbody>
<tr>
<td>Current</td>
<td>100</td>
<td>100</td>
<td>50</td>
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<tr>
<td>KVA</td>
<td>20.8</td>
<td>23</td>
<td>23</td>
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50 Hertz models available