



Power & Process



Steel Fabrication



Composite Construction



Industrial/OEM



Marine

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

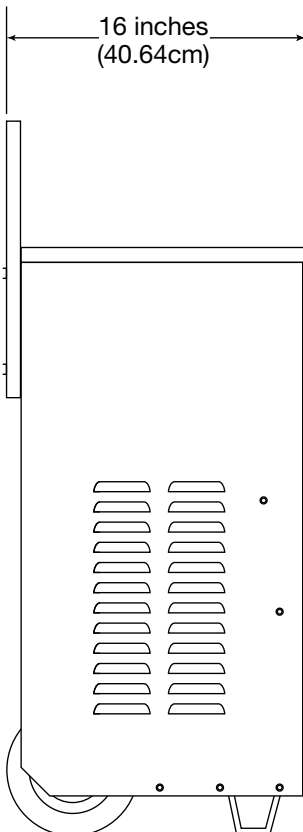
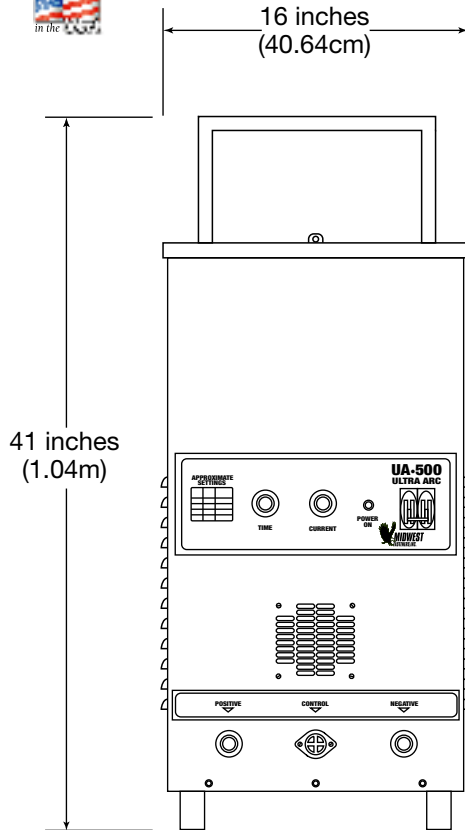
Tool box on board



1-800-852-8352



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

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

Single Phase - 60 Hertz			
Voltage	208	230	460
Current	100	100	50
KVA	20.8	23	23
50 Hertz models available			



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