

UA • 1000 Stud Welding System

Manufactured
in the USA



Power & Process



Steel Fabrication



**Construction
& Composite**



Industrial/OEM



Marine



Stud Welding

Welding Range

10 gauge (3mm) through 5/8" (M16) diameter studs

Calibrated Time Control

Continuously adjustable from .05 to .8 seconds.

Calibrated Current Control

Continuously adjustable 100 to 1200 Amps

Manual Welding

A constant current 450 Amps

NEMA rated machine

Welding Range

20 to 590 Amps

Capabilities

Manual welding – all size electrodes

Arc air gouging – up through 450 Amps

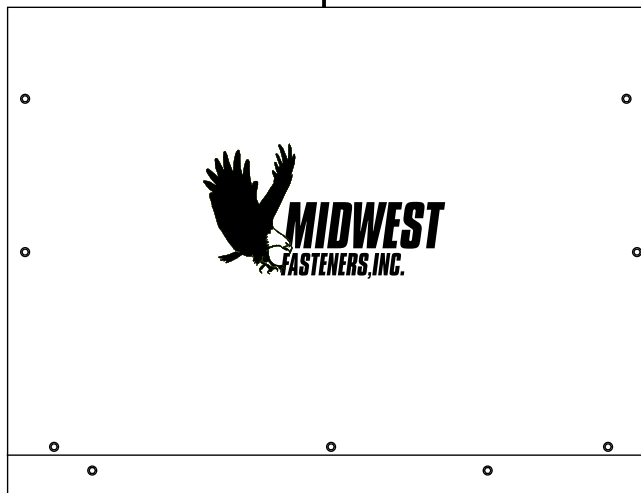
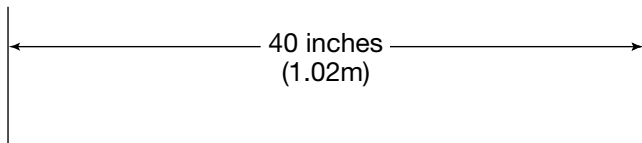
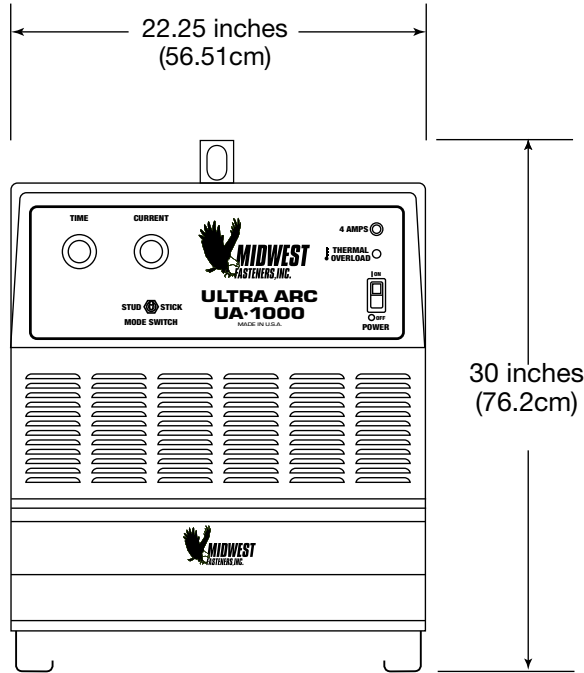


1-800-852-8352



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Specifications

Height 30" (76.2cm)
 Width 22 1/4" (56.51cm)
 Depth 40" (1.02m)
 Weight 500 lbs. (226.8kg)

Stud Welding Standard Features

1 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.

Welding Range

10 gauge (3mm) through 5/8" (M16) diameter studs

Duty Cycle

5/8" (M16) 10/min.
 1/2" (M14) 14/min.
 3/8" (M10) and less – unlimited

Manual Welding Output Rating

450 Amps @ 38 volts 60%

Welding Range

20 to 590 Amps

Capabilities

Manual welding – all size electrodes
 Arc air gouging – up through 450 Amps

Electrical Characteristics

INPUT POWER REQUIREMENTS	STUD WELDING	MANUAL WELDING
3 Phase 60 Hertz Voltage	230/460/575	230/460/575
Current	100/50/40	76/38/30
KW	35	21
KVA	40	30
Rated Output	1200 Amps @ 44 volts	450 Amps @ 38 volts
Duty Cycle	12%	60%
Max. Open Circuit Voltage	70 volts DC	70 volts DC
50 Hertz models available		



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