



Power & Process



Steel Fabrication



Composite Construction



Industrial/OEM



Marine

UA • 1800 Heavy Duty Stud Welding System



Stud Welding

Welding Range

#10 (M4) through 7/8" (M22) diameter studs

Calibrated Time Control

Continuously adjustable from .05 to 1.7 seconds.

Calibrated Current Control

Continuously adjustable 100 to 1800 Amps

Manual Welding

A constant current 600 Amps

NEMA rated machine

Welding Range

50 to 850 Amps

Capabilities

Manual welding – all size electrodes

Arc air gouging – up through 750 Amps

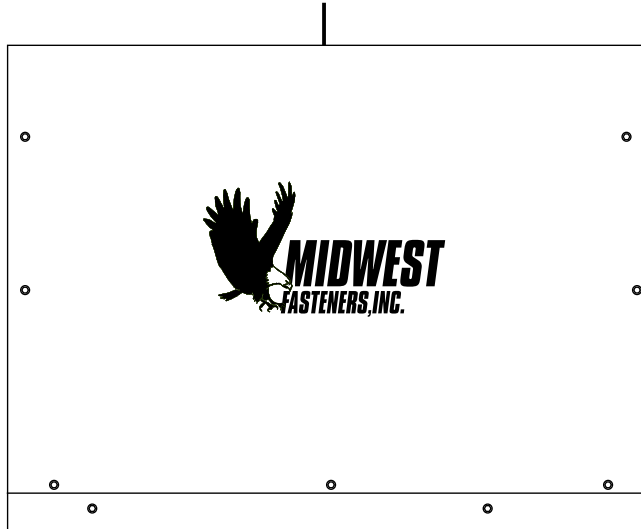
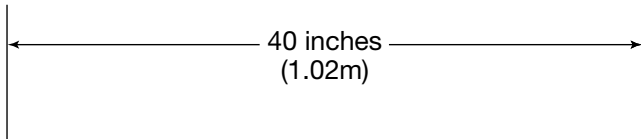
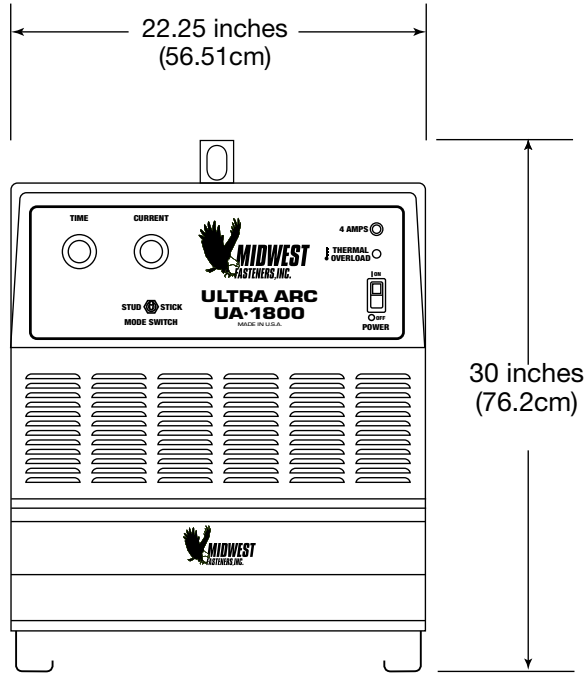


1-800-852-8352



UA-1800 Heavy Duty Stud Welding System

Manufactured
in the USA



Specifications

Height 30" (76.2cm)
 Width 22 1/4" (56.51cm)
 Depth 40" (1.02m)
 Weight 650 lbs. (294.8kg)

Stud Welding

Standard Features

1 heavy duty stud welding gun with legs and foot piece
 25 ft. (7.62m) of 4/0 ground cable with "C" clamp
 50 ft. (15.24m) of 4/0 combination cable

Welding Range

#10 (M4) through 7/8" (M22) diameter studs

Duty Cycle

7/8" (M22) 6/min.
 3/4" (M20) 12/min.
 5/8" (M16) 18/min.
 1/2" (M14) and less – unlimited

Manual Welding

Output Rating

650 Amps @ 44 volts 60%

Welding Range

50 to 850 Amps

Capabilities

Manual welding – all size electrodes
 Arc air gouging – up through 750 Amps

Electrical Characteristics

INPUT POWER REQUIREMENTS	STUD WELDING	MANUAL WELDING
3 Phase 60 Hertz Voltage	230/460/575	230/460/575
Current	175/90/70	113/56/45
KW	61	32
KVA	70	45
Rated Output	1800 Amps @ 44 volts	650 Amps @ 44 volts
Duty Cycle	12%	60%
Max. Open Circuit Voltage	70 volts DC	70 volts DC

50 Hertz models available



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