

UA-1000

STUD WELDING SYSTEM

STUD WELDING:

Standard Features

- 1 stud welding gun with legs and footpiece
- 1 combination cable 50' of 1/0
- 1 ground cable and "C" clamp, 25' of 1/0

Stud Welding Range

#10 (4mm) through 5/8" (16mm) diameter studs

Calibrated Time Control

Continuously adjustable from .05 to .8 seconds

Calibrated Current Control

Continuously adjustable 100 to 1200 amperes

Duty Cycle

- 5/8" – 10 per minute
- 1/2" – 14 per minute
- 3/8" and under – unlimited

MANUAL WELDING:

A constant current 400 ampere NEMA rated Machine

Output Rating

500 amperes at 44 volts 38%

Welding Range

100 to 1200 amperes

Capabilities

Manual Welding – all size electrodes
Arc air gouging – up through 450 amperes

PHYSICAL CHARACTERISTICS:

- Height 30 inches
- Width 22-1/4 inches
- Depth 40 inches
- Weight 500 pounds



ELECTRICAL CHARACTERISTICS:

INPUT POWER REQUIREMENTS	STUD WELDING	MANUAL WELDING
3 Phase 60 Hertz	230/460/575	230/460/575
Voltage	100/50/40	76/38/19
Current	115/100/50	87/76/38
KW	33	19.8
KVA	40	30
RATED OUTPUT	1200 amperes at 44 volts	400 amperes at 36 volts
DUTY CYCLE	12%	60%
Max. Open Circuit Voltage	70 volts DC	70 volts DC