

UA-1800

HEAVY DUTY STUD WELDING SYSTEM

STUD WELDING:

Standard Features

- 1 heavy duty stud welding gun with legs and footpiece
- 1 combination cable 50' of 4/0
- 1 ground cable and "C" clamp, 25' of 4/0

Stud Welding Range

#10 (4mm) through 7/8" (22mm) diameter studs

Calibrated Time Control

Continuously adjustable from .05 to 1.7 seconds

Calibrated Current Control

Continuously adjustable 100 to 1800 amperes

Duty Cycle

- 7/8" – 6 per minute
- 3/4" – 12 per minute
- 5/8" – 18 per minute
- 1/2" and under - unlimited

MANUAL WELDING:

A constant current 600 ampere NEMA rated Machine

Output Rating

750 amperes at 44 volts 38%

Welding Range

100 to 800 amperes

Capabilities

Manual Welding – all size electrodes
Arc air gouging – up through 750 amperes

PHYSICAL CHARACTERISTICS:

- Height 30 inches
- Width 22-1/4 inches
- Depth 40 inches
- Weight 650 pounds



ELECTRICAL CHARACTERISTICS:

INPUT POWER REQUIREMENTS	STUD WELDING	MANUAL WELDING
3 Phase 60 Hertz Voltage Current KW KVA	230/460/575 175/90/60 61 60	200/230/460 131/114/57 32 45
RATED OUTPUT	1800 amperes at 44 volts	600 amperes at 44 volts
DUTY CYCLE	12%	60%
Max. Open Circuit Voltage	70 volts DC	70 volts DC



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