

# ASAP FASTENING SYSTEMS, INC.

SUPPLIES FOR INDUSTRY AND CONSTRUCTION

2013 SOUTH 37TH STREET • MILWAUKEE, WISCONSIN 53215

(414) 344-4500 • FAX (414) 344-4504

WWW.ASAFASTENING.COM • EMAIL: SALES@ASAPFASTENING.COM

## 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	230/460/575	200/230/460
Voltage	175/90/60	131/114/57
Current	61	32
KW	60	45
KVA		
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