

# PRO WELD

INTERNATIONAL

## ARC-800

### STUD WELDING POWER SUPPLY

#### DESCRIPTION

The ARC-800 is a compact and portable stud welding power supply capable of welding studs through 1/2" diameter weld base. The power supply which operates on single phase power has the added feature of weld current regulation that improves stud welding consistency. Both the weld time and weld current are infinitely adjustable for preciseness and repeatability.

A specially designed electronic gun control circuit has been incorporated to increase overall reliability. If a fault condition occurs due to a shorted gun solenoid or a faulty control cable, the circuit will prevent gun retriggering and eliminate damage to printed circuit boards.

#### SPECIFICATIONS

DIMENSIONS:	36-1/2"H x 16"W x 14"D
OUTPUT:	900 AMPS
WEIGHT:	150 LBS.
DUTY CYCLE:	1/4 14/MIN, 5/16 12/MIN 3/8 10/MIN, 1/2 5/MIN
INPUT:	208/230/460 VAC SINGLE PHASE 60HZ
FUSING:	100/100/50 AMPS
TIMER CONTROL:	STEPLESS ADJUSTABLE .05 - .6 SEC

#### COMPONENTS

DESCRIPTION:	PART NO.	DESCRIPTION	PART NO.
SYSTEM:	100-0211	GROUND CABLE	125-0102
POWER SUPPLY:	200-0026	1/O X 25'	
WELD GUN	300-0800	COMBO CABLE	125-1000
		1/O X 50'	



#### FEATURES

- \* Designed and built in U.S.A.
- \* Regulated output current
- \* Precise weld time and weld current adjustments
- \* Storage Compartment
- \* Diagnostic L.E.D.'s
- \* State of the art gun control circuitry
- \* Thermally Protected
- \* Portable
- \* Easy access to control circuitry



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