

PRO * WELD

INTERNATIONAL

ARC-3000

STUD WELDING POWER SUPPLY

DESCRIPTION

The ARC-3000 is a fully regulated stud welding power supply that is available in a single or dual gun version. Both versions have the constant output feature that allows the unit to be used as a power source that can operate external stud welding control units. An added feature in the ARC-3000 is the ability to dial in the desired weld time and weld current before even making a weld. By selecting the setup mode, the weld time and current can be adjusted and displayed on the front panel digital meters.

A specially designed electronic gun control circuit has been incorporated into the system. 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. The ARC-3000 system is capable of welding studs from 1/4" diameter to 1-1/4" diameter with preciseness and repeatability.

SPECIFICATIONS

DIMENSIONS:	36" H x 28" W x 40" D
OUTPUT:	3000 AMPS @ 44 VDC
WEIGHT:	950 LBS.
INPUT:	230/460/575 VAC
FUSING:	400/200/180 DELAY TYPE 3 PHASE/60 CYCLE
OPTIONAL INPUT:	380/415/440 VAC - 50HZ
TIME CONTROL:	STEPLESS ADJUSTABLE. 1-1.8 SEC.
CURRENT CONTROL:	STEPLESS ADJUSTABLE 400 - 3000 AMP
DUTY CYCLE:	1/4 - 3/8 UNLIMITED 1/2" 60/MIN 5/8" 30/MIN 3/4" 20/MIN 7/8" 15/MIN 1" 10/MIN

COMPONENTS

DESCRIPTION
SYSTEM
SINGLE:
DUAL:
POWER SUPPLY
SINGLE:
DUAL:
GROUND CABLE
25 FT. X 4/0
COMBO CABLE
50 FT X 4/0
WELD GUN:



FEATURES

- *Designed and built in U.S.A.
- *Constant current output
- *Single or dual gun systems
- *Independent gun controls
- *Precise weld time and weld current adjustments
- *Digital display of actual weld time and weld current
- *Diagnostic L.E.D.'s
- *State of the art gun control circuitry
- *Built in chuck saver
- *Auto safety shutdown