

STUD WELDING POWER SUPPLY

DESCRIPTION

The ARC-1850 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. Stick welding and Arc air gouging processes are available only as an option. An added feature in the ARC-1850 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.

SPECIFICATIONS

26"H x 24"W x 33"D **DIMENSIONS: Q**UTPUT: 1850 AMPS @45 VDC

WFIGHT: 500 LBS.

INPUT:

M.D. WELD GUN:

DUTY CYCLE: 12 GA- 5/8" UNLIMITED

3/4" 10/MIN. 7/8" 4/MIN.

300-0805

230/460/575 VAC

3 PHASE 60HZ

FUSING: 200/100/90 DELAY TYPE **O**PTIONAL INPUT 220/380/415 VAC - 50Hz

TIME CONTROL: STEPLESS ADJUSTABLE

.1 - 1.6 SEC.

CURRENT CONTROL: STEPLESS ADJUSTABLE

100 - 1900 AMP

COMPONENTS

	COMI CITEITIC	
DESCRIPTION:		PART NO.
SYSTEM		
SINGLE		100-0210S
DUAL		100-0210D
POWER SUPPLY:		
SINGLE:		200-0022
DUAL:		200-0023
GROUND CABLE:		125-0104
25' x 4/0		
COMBO CABLE:		125-1002
50' x 4/0		
H.D. WELD GUN:		300-0900



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 LED's
- * State of the art gun control circuitry
- * Built in chuck saver
- * Auto safety shutdown

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