



ARC WELDERS: ARC 1850

- | FEATURES |
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| <ul style="list-style-type: none"> Designed and built in USA Constant current output Single or dual gun systems Independent gun controls Precise weld time and weld current adjustments Digital display of actual weld time & weld current Diagnostic L.E.D.ø State of the art gun control circuitry Built-in chuck saver Auto safety shutdown |



- | DESCRIPTION |
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| <ul style="list-style-type: none"> 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	
Dimensions: 26öH x 24öW x 33öD	Output: 1850 Amps @ 45 VDC
Weight: 500 lbs.	Duty Cycle: (12 GA ö5/8ö: Unlimited) (3/4ö: 10/Min) (7/8ö: 4/Min)
Input: 230/460/575 VAC Three Phase 60 HZ	Fusing: 200/100/90 Delay Type
Timer Control: .1 ö1.6 sec.	Current Control: 100-1900 amp

COMPONENTS		
DESCRIPTION	PART NUMBER	
System	Single	100-0210S
	Dual	100-0210D
Power Supply	Single	200-0022
	Dual	200-0023
Weld Gun	300-0900	
Ground Cable: 4/0 x 25 ft.	125-0104	
Combo Cable: 4/0 x 50 ft.	125-1002	

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