



**ARC WELDERS: ARC-500
ARC- 800**



*See page 14-11 for the technical data sheet on these units.

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TECHNICAL DATA SHEET

ARC WELDERS: ARC-500 ARC-800

TYPE		ARC-500	ARC-800
GAS/AUTOMATIC:		Option/Option	Standard/Option
WELDING	RANGE:	14 Ga. To 3/8ö	#4 to 1/2ö
	MATERIAL:	Mild steel, stainless steel, aluminum	
	RATE:	8 to 35 studs/minute depending on application and stud diameter	
	CURRENT:	580A	800A
	TIME:	5 to 350 msec.	5 to 1000 msec.
PRIMARY POWER:		230 & 460V, 3 phases, 32A, 50/60 Hz (alt. input voltages available)	
FUSE:		35 AT	
GUN:		Several models to choose from	
POWER SOURCE:		Transformer/Rectifier	
DIMENSIONS:		18.5ö L x 9.1ö W x 8.7ö H without handle	
WEIGHT:		68 lbs.	81 lbs.
PART #:		93-16-0401 93-16-0402 (Gas) 93-16-0404 (Gas/Automatic)	93-16-0702 (Gas) 93-16-0704 (Gas/Automatic)
FEATURES:		<ul style="list-style-type: none"> • Modern technology with extremely wide welding range • For welding with ceramic ferrules or with inert gas • Operating by membrane keyboard and display panel • Digital display of welding time in msec. • Inert gas module ARC 800 standard (ARC 500 option) • Option automatic mode • Thermally controlled fan • Guided cooling air flow to the transformer to protect electronic components from being polluted • Emergency circuit to cut off the complete unit in case of defective power circuit • Integrated mains filter protects uniform voltage peaks and spikes • Galvanic separation of control and welding cables provide reliable operation • Sturdy metal housings; small dimensions and low weight • Depending on mains fuse, configuration also for 16 amps primary power supply possible (ARC 500) 	
ADVANTAGES:		• Superior welding quality	• Excellent reliability
		• High duty cycle	• Easiest operation
		• Designed for jobsite	• Best price/performance ratio
		• Tested for high vol. Deviation	• EMC tested
FUNCTION CONTROL:		• Lift test at welding gun or welding head	

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