

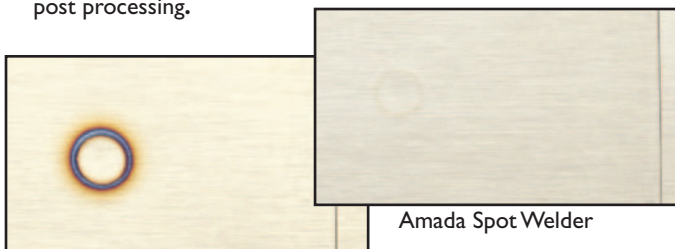
INVERTER CONTROLLED SPOT WELDER

ID40IV ST



CLEAN SPOT WELDS

- Provides Class A welding performance across a wide range of material by consistently delivering stable direct current output, resulting in superior finished products that require little or no post processing.

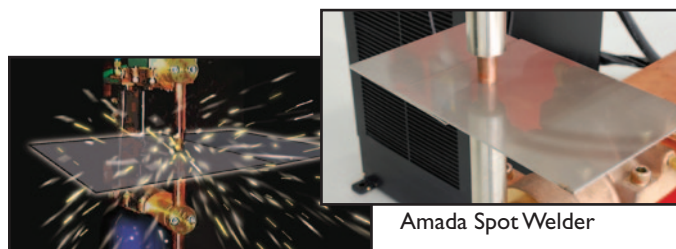


Conventional Welder

Amada Spot Welder

SPARKLESS WELDS

- Provides exceptional control and efficiency which creates a sparkless working environment for added safety.



Conventional Welder

Amada Spot Welder

MICRO COMPUTER CONTROLLED SYSTEM

Easily programs and stores multiple weld schedules in the Micro Computer Controller's memory, from which they are easily referenced and edited for on-the-spot adjustments. A self diagnostic feature constantly monitors and corrects weld conditions to ensure the best finish possible.

FEATURES AND ADVANTAGES

Variety of material types and thicknesses, including conductive and coated materials	<ul style="list-style-type: none">Flexibility of welding applicationConsistent weld conditionsReduced set-up time
Stable current output	<ul style="list-style-type: none">Achieve optimum weld qualityUse pre-programmed weld time and current settingEliminate secondary finishing process
Low power consumption	<ul style="list-style-type: none">Reduce operating cost and increase profit
Reduced welding hold time	<ul style="list-style-type: none">Increase electrode longevityReduce work piece heat distortion
No reactance influence	<ul style="list-style-type: none">Welding quality is unaffected by work piece size
Multiple machine connectivity	<ul style="list-style-type: none">Economical solution to multiple machine installationsInterlock protected
Alarm System	<ul style="list-style-type: none">Over-current protection is provided along with audible alarm



SPECIFICATIONS

Description	ID40IV ST
Rating	80 kVA
Welding current	Max: 30,000 amps
Electrode force	Max: 1,320 lbf
Duty cycle	10%
Electrodes	RWMA #5 (taper number)
Throat depth	32 inch.
Horn spacing	1.9700 x 0.787 inches (max open x working open)
Electrode holder	1-1/4 x 8 inches (dia. barrel x long)
Holder arm	2.7 inches diameter
Required Air	71 psi, 79.2 gal/min



Description	ID40IV ST Inverter
Power Supply	Three phase, 460V/100A
Voltage output	300 V
Current output	600 Aw
Power demand	Max: 180 kVA
Duty cycle	10%
Estimated cooling	1.320 gal/min
Required cooling	1.584 gal/min



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