



MIG225Ai

Dual Torch Pulse Synergic MIG Welder

Ideal For Body Shops And General Fabrication

Featuring 225 A of Output and a Dual Torch Pulse MIG Unit that Easily Switches from Aluminum to Steel

Features and Benefits

- Inverter-style wire feed synergic MIG features two torches allows for quick changeover time from steel to aluminum
- Pulse and double-pulse settings for increased heat control with thin materials and improved overall weld appearance
- Welds 5356, 4047 and 0.045 5554 aluminum with push-pull torch (standard equipment) that includes a fine current adjustment button
- Aluminum push-pull torch is longer for increased accessibility around the vehicle and contains a drive roller to eliminate wire binding
- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels with standard steel torch
- Easy-to-read LCD display panel and a single knob for selection and adjustments
- Multiple synergic curves allow the user to weld a variety of materials and thicknesses
- Preset synergic curves automatically provide the most optimal parameters for individual situations



**Technical Support
800-ABC-WELD**

CE - Approved

Country of Origin: ITALY



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Page 1 of 3**



MIG225Ai

Features and Benefits Continued

- Individual welding parameters and preset by material, thickness, wire type and size along with shielding gas type
- LCD screen shows welding parameters such as current, voltage, recommended thickness, wire speed and wire diameter
- Machine automatically sets both heat and wire speed for multiple material thicknesses
- Hot start option increases current at the beginning of the weld cycle to ensure adequate penetration
- Crater fill selection allows user to finish the weld cycle by filling in the weld puddle and eliminates pinholes
- Adjustable Arc Length, Inductance, Burnback, Soft Start, Pre Gas and Post Gas
- Spot weld and pause features with adjustable on time
- Faster set up time and reduced production times
- Complete with running gear, two regulator-flowmeters and the capability to store two separate gas bottles

Applications

Meets most OE collision repair requirements and includes a synergic curve to weld 5554 .045 aluminum wire to service Ford® F150 pickup trucks
Also meets I-CAR requirements for pulse MIG welding of aluminum

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Specifications

Power Output, A	20–225
Duty Cycle/Rated Output, A	120 @100%
Standard Torch Configuration	Aluminum/Steel
Ground Cable Length, ft	11.5
Power Input Cord Length, ft	9
Power Input, VAC	230
Input Current, A	26
Power input, Hz (Single Phase)	50/60
Height, in	38
Width, in	23
Depth, in	36
Machine Weight, lb	150
Shipping Weight, lb	176
Optional Spot Weld Nozzle (Steel Torches Only)	MIG1852

DANGER

-  Electric welding or plasma cutting causes ultraviolet rays, localized magnetic fields, sparks, weld spatter and hazardous vapors and may cause electrical shock
 - Bystanders will be exposedWear welding helmet with appropriate shade lens while welding or cutting
-  Wear welding gloves and protective clothing. Use only in a well-ventilated area. Do not allow bystanders in the area while welding or cutting. Do not operate this equipment if you have an implanted electromechanical device. Never coil electrode/torch lead around your body. Read and follow all safety precautions in instructions.
-  Ultraviolet rays will burn eyes, magnetic field may affect the operation of medical devices. Weld spatter, electrical shock, or sparks can cause burns or other injuries. Read additional safety warnings on pages W1 to W4 in Catalog 1400

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