



**MIG225i**

# Synergic Inverter MIG welder

**Ideal for Body Shops and General Fabrication**

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

## Features and Benefits

- Inverter-style wire feed synergic MIG features two torches allowing quick changeover time from steel to aluminum
- Easy to read LCD display panel and single-knob for selection and adjustments
- Multiple synergic curves allow you to weld a variety of materials and thicknesses
- Preset synergic curves automatically provide the most optimal parameters for each individual situation
- 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 heat, wire speed for multiple material thicknesses



**Technical Support  
800-ABC-WELD**

CE - Not Available

Country of Origin: ITALY



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## Features and Benefits Continued

- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels with standard steel torch
- Welds 5356, 4047 and 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
- Selectable start mode includes a trigger control for Start Current, Slope Time and Crater Fill options
- Hot start option increases current at the beginning of the weld cycle to ensure adequate penetration
- Slope time adjustment controls the amount of time full current is present between Hot Start and Crater Fill options
- 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



## 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.







## Specifications

**MIG225i**

Power Output, Amps (Adjustable)	20–225
Duty Cycle/Rated Output, Amps (at 100%)	120
Aluminum Torch Wire Sizes, in	.023, .030, .035, .040
Aluminum Torch Length, ft	14
Aluminum Torch Feeder Speed, IPM	55–790
Steel Torch wire sizes, in	.030, .035, .040
Steel Torch Length, ft	10
Ground Cable Length, ft	11.5
Power Input Cord Length, ft	9
Single Gas Cylinder Max Diameter, in	8-3/4
Single Gas Cylinder Max Height, in	63
Dual Gas Cylinder Max Diameter (each), in	7-1/8
Dual Gas Cylinder Max Height (each), in	40
Power Input, VAC	230
Input Current, Amps	26
Power input, Hz (Single Phase)	50/60
Unit Height, in	38
Unit Width, in	23
Unit Depth, in	36
Machine Weight, lb	150
Shipping Weight, lb	176

### **WARNING**

-  • Welding and cutting produce heat, weld spatter, and hazardous vapors.  
Wear, gloves, face shield and protective clothing.
-  Use only in a well-ventilated area.  
Do not allow bystanders in immediate area
-  Read and follow all safety precautions in instructions.
-  *Byproducts of welding or cutting can cause burns or other bodily injuries.*  
Read additional safety warnings on pages W1 to W4 in Catalog 1300

