



## **MIG 185i**

# **Synergic Inverter MIG welder with Aluminum Torch**

**Take on aluminum with the new MIG185i Synergic Pulse MIG Welder**

**Featuring 185A of output, this MIG welder is ideal for body shops and general fabrication**

### **Features and Benefits**

- Inverter-style wire feed synergic Pulse MIG welder
- 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
- Welds 5356 and 4047 aluminum with standard 10 foot torch



**Technical Support  
800-ABC-WELD**

**CE** - Not Available

Country of Origin: ITALY



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Page 1 of 3**



## Features and Benefits Continued

- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels with optional steel torch
- 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
- Spot weld and pause features with adjustable on time

## Applications




Meets most OE collision repair requirements as a Pulse MIG welder



## Specifications

Power Output, Amps (Adjustable)	20–185
Duty Cycle/Rated Output, Amps (at 100%)	110
Aluminum Torch wire sizes, in	.035, .040
Aluminum Torch Length, ft	10
Optional Steel Torch wire sizes, in	.023, .030, .035, .040
Optional Steel Torch Length, ft	10
Ground Cable Length, ft	10
Power Input Cord Length, ft	9
Power Input, VAC	230
Input Current, Amps	24
Power input, Hz (Single Phase)	50/60
Height, inches	15
Width, inches	8
Depth, inches	18
Machine Weight, lb	30
Shipping Weight, lb	34

### **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 exposed  
Wear 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 splatter, electrical shock, or sparks can cause burns or other injuries.  
Read additional safety warnings on pages W1 to W4 in Catalog 1300