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› AZZUNO 200A MIG Welder User Manual

AZZUNO MIG-200A

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Model: MIG-200A (MIG200F)

Brand: AZZUNO

INTRODUCTION

The AZZUNO 200A MIG Welder is a versatile 4-in-1 multi-process welding machine designed for various welding applications. It supports MMA (Manual Metal Arc), Lift TIG (Tungsten Inert Gas), Flux MIG (Gasless), and Gas MIG welding modes. This machine features synergic control, which automatically adjusts voltage and wire feeding speed based on amperage or wire thickness, making it user-friendly for both beginners and experienced welders. It is equipped with safety features such as overload and overheating protection.



Image: The AZZUNO 200A MIG Welder, showcasing its compact design and included accessories.

Safety Information

Always prioritize safety when operating welding equipment. Read and understand all safety warnings and instructions before use. Ensure proper ventilation, wear appropriate personal protective equipment (PPE) including welding helmet, gloves, and protective clothing. Keep a fire extinguisher nearby. The AZZUNO 200A MIG Welder includes built-in overload and overheating protection systems to enhance user safety during operation.

SAFETY PROTECTION



Rapid Fan



Low Noise



**Over-heat
Protection**



**Over-current
Protection**



Image: Illustration of the welder's safety features, including rapid fan cooling, low noise operation, overheat protection, and over-current protection.

PACKAGE CONTENTS AND SETUP

Package Contents

Verify that all items listed below are present in your package:

- MIG Torch (15AK)
- Electrode Holder
- Ground Clamp
- 110V→220V Adapter
- Hose Band (x2)
- Gas Hose
- Contact Tip (x2)
- Drive Roller

- Hammer (for chipping slag)



Image: A visual representation of the AZZUNO 200A MIG Welder and its complete set of accessories, including the MIG torch, electrode holder, ground clamp, adapter, hose bands, gas hose, contact tips, drive roller, and hammer.

Initial Setup

1. **Power Connection:** Connect the welder to a suitable 110V or 220V power supply. Use the provided 110V→220V adapter if necessary. Ensure the power source matches the welder's requirements.
2. **Wire Feeding Setup:** Open the side compartment to access the wire feeder. This welder supports 2 lb and 10 lb rolls of 0.8mm to 1.0mm Flux Core Wire (gasless) or Solid Wire (gas). Install the appropriate wire spool and thread the wire through the drive roller and into the MIG torch liner. The aluminum wire feeder ensures smooth operation.

UPDATED WIRE FEEDING

Compatible
1LB-10LBS Wire

NO NEED to
change SPOOL

ALUMINUM
Wire Feeder



Image: The welder's wire feeding compartment, showing compatibility with 1lb-10lbs wire spools and the durable aluminum wire feeder.

3. Connecting Accessories:

- Connect the MIG Torch (15AK) to the designated port on the front panel.
- Attach the Electrode Holder for Stick (ARC) welding.
- Securely connect the Ground Clamp to the workpiece. Ensure a clean contact for optimal performance.

4. **Gas Connection (for Gas MIG):** If performing Gas MIG welding, connect the gas hose from your shielding gas cylinder (not included) to the gas inlet on the welder. Use the hose bands to secure connections.

5. **Lift TIG Setup (Optional):** For Lift TIG welding, a WP17V TIG Torch (not included) is required. Connect it to the appropriate terminals. This mode is suitable for thin workpieces like stainless steel, alloy steel, and carbon steel (1.0MM-8.0MM thickness).

OPERATING INSTRUCTIONS

Welding Modes Overview

The AZZUNO 200A offers four primary welding modes:

- **Flux MIG:** Gasless MIG welding, using flux-cored wire.
- **Gas MIG:** MIG welding with shielding gas and solid wire.
- **MMA (Stick/ARC):** Manual Metal Arc welding with coated electrodes (e.g., E6013 rods).
- **Lift TIG:** Tungsten Inert Gas welding with a lift-arc start (requires separate TIG torch).



Image: A graphic illustrating the four welding processes supported by the AZZUNO 200A: Flux MIG, Gas MIG, MMA, and Lift TIG.

Control Panel Functions

Familiarize yourself with the control panel for optimal welding performance:

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AZZUNO WELDING MACHINE, DEVOTED TO WELDING



Image: A close-up of the welder's control panel, highlighting key controls for MMA and MIG functions.

- **A: MMA Welding Method / IND Button:** Used for choosing MMA welding methods (AFC, HS, VRD, ANK) or adjusting Inductance (IND) under MIG mode.
- **B: Manual Wire Feed Button:** Activates manual wire feeding, useful for checking wire path.
- **C: Gas/Gasless Selection Button:** Toggles between gas and gasless MIG welding modes.
- **D: Synergy Button:** When activated, the machine suggests optimal current and voltage values based on selected wire thickness (e.g., 0.6mm, 0.8mm, 1.0mm).
- **E: Welding Mode Selection Button:** Choose between 2T (suitable for spot MIG welding) and 4T (suitable for continuous long-term MIG welding).
- **F: Voltage Adjustment Knob:** Adjusts the welding voltage.
- **G: Current Adjustment Knob:** Adjusts the welding current (amperage).

DYNAMIC MIG WELDING



Image: The digital display of the welder showing dynamic MIG welding settings, including 2T/4T modes and synergic wire thickness options.

General Operation Tips

- For optimal results, ensure your workpiece is clean and free of rust, paint, or oil.
- Always test your settings on scrap material before welding your final piece.
- Maintain a consistent travel speed and arc length for smooth, strong welds.

Official Product Video: MIG Welder Operation



Video: An official demonstration of the AZZUNO MIG welder in action, showcasing its welding capabilities and ease of use. This video is provided by the seller, AZZUNO.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your AZZUNO 200A MIG Welder.

- **Cleaning:** Periodically clean the exterior of the machine with a dry cloth. Ensure the cooling vents are free from dust and debris to prevent overheating.
- **Wire Feeder Inspection:** Check the wire feeder mechanism for any accumulated dust or wire shavings. Clean the drive rollers and ensure they are properly aligned.
- **Contact Tip and Nozzle:** Replace worn contact tips and clean the welding nozzle regularly to maintain consistent arc performance.
- **Cable Inspection:** Inspect all welding cables (MIG torch, electrode holder, ground clamp) for cuts, fraying, or loose connections. Replace damaged cables immediately.
- **Storage:** Store the welder in a dry, clean environment, away from excessive dust and moisture.

TROUBLESHOOTING

This section provides general guidance for common issues. For more complex problems, contact customer support.

- **No Power:** Check the power cord connection, wall outlet, and circuit breaker. Ensure the welder's power switch is in the 'ON' position.
- **No Arc:** Verify that the ground clamp is securely attached to a clean metal surface on the workpiece. Check the electrode or wire for proper installation and ensure the correct welding mode is selected.
- **Poor Weld Quality:** Adjust voltage and current settings according to the material thickness and welding process. Ensure proper wire feed speed. Check for contaminated wire or workpiece.
- **Wire Feeding Issues:** Inspect the wire spool for tangles. Ensure the drive roller is correctly sized for the wire and has adequate tension. Clean the wire liner if it's obstructed.
- **Overheat Protection Activated:** If the machine stops and the overheat indicator lights up, allow the welder to cool down. Ensure proper ventilation and avoid exceeding the duty cycle.

SPECIFICATIONS

Feature	Detail
Manufacturer	AZZUNO
Part Number	A-1
Item Weight	23.8 pounds
Product Dimensions	0.19 x 0.1 x 0.13 inches
Country of Origin	China
Item Model Number	MIG200F
Color	Grey
Style	MIG-200A
Power Source	DC
Amperage Capacity	200 Amps

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official documentation included with your

product or visit the AZZUNO official website. You can also contact AZZUNO customer service directly for assistance with product inquiries, troubleshooting, or parts replacement.

AZZUNO Brand Store: [Visit AZZUNO Store on Amazon](#)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question