



[Manuals.plus](#) /

> [AZZUNO](#) /

> AZZUNO 200A MIG Welder Machine 110V/220V, 8 in 1 Welding Machine Aluminum MIG/Spool Gun Compatible/Gas MIG/MAG/Flux Core MIG/Spot MIG/Lift TIG/Stick Welding, Multiprocess Welder MIG-200 Aluminum Instruction Manual

AZZUNO MIG-200 Aluminum

AZZUNO 200A MIG Welder Machine Instruction Manual

Model: MIG-200 Aluminum

1. INTRODUCTION

Thank you for choosing the AZZUNO 200A MIG Welder Machine. This multiprocess welder is designed for versatility and ease of use, integrating 8 welding functions including Gas MIG, MAG, Flux Core MIG, Aluminum MIG, Spool Gun MIG, Spot MIG, Lift TIG, and Stick Welding. It operates on dual voltage (110V/220V) and accommodates various wire types and thicknesses. This manual provides essential information for safe and effective operation, setup, maintenance, and troubleshooting.

2. SAFETY INFORMATION

WARNING: Welding can be dangerous. Always follow safety precautions to prevent injury or death.

- Always wear appropriate personal protective equipment (PPE), including welding helmet, gloves, and protective clothing.
- Ensure proper ventilation to avoid inhaling fumes.
- Do not touch live electrical parts.
- Keep children and unauthorized personnel away from the welding area.
- The machine is equipped with over-heating protection, over-current protection, and VRD (Voltage Reduction Device) for enhanced safety.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Multi-process Welder Machine ×1
- 15AK MIG Torch ×1
- Ground Clamp ×1

- Electrode Holder ×1
- 110V~220V Adapter Cord ×1
- Brush & Hammer ×1
- Gas hose ×1
- Hose Band ×2
- Drive Roller ×2
- Contact Tip ×4
- Teflon Liner ×1
- User Manual ×1

4. PRODUCT OVERVIEW

The AZZUNO 200A MIG Welder is a compact and powerful unit designed for various welding tasks. Below is an overview of the machine and its user-friendly control panel.

4.1. Machine Components



Figure 1: AZZUNO 200A MIG Welder Machine and Accessories

This image displays the main unit of the AZZUNO 200A MIG Welder along with its primary accessories, including the MIG torch, ground clamp, electrode holder, and power adapter cord.

4.2. User-Friendly Control Panel

USER-FRIENDLY PANEL BUTTON

- 1 Welding Modes
- 2 Wire Diameter /SYN Mode
- 3 2T/4T /SPOT Modes
- 4 Stick Welding Mode /Amp&Speed Switch
- 5 Fast Wire Feeding



Figure 2: Detailed view of the control panel

The control panel features digital displays for amperage and voltage, along with intuitive buttons and knobs for selecting welding modes, wire diameter, and adjusting parameters. Key indicators show power status (110V/220V) and overload protection (O.C.).

4.3. Multiprocess Capabilities

8-IN-1 MULTIPROCESS WELDER

GASLESS MIG



Flux .023" / .030"
.035" / .040"

GAS MAG (CO₂)



Solid .023" / .030"
.035" / .040"

GAS MAG (MIX)



Solid .023" / .030"
.035" / .040"

ALUMINUM MIG



AlMg5356 .035" / .040"



SPOOL GUN



SPOT MIG



MMA



LIFT TIG

Figure 3: 8-in-1 Multiprocess Welder Capabilities

This image highlights the eight distinct welding processes supported by the AZZUNO 200A MIG Welder, including various MIG modes (Gasless, Gas MAG, Aluminum, Spool Gun, Spot), MMA (Stick), and Lift TIG.

5. SETUP

5.1. Power Connection

The AZZUNO 200A MIG Welder supports dual voltage input (110V/220V). Use the provided adapter cord to

connect the machine to the appropriate power supply. Ensure the power source matches the machine's voltage setting.

5.2. Wire Installation

		
AZZUNO		OTHERS
		
8-IN-1 Multi-function		Only 4-IN-1
		
Can Weld Aluminum		Can NOT Weld Aluminum
		
2T/4T/SPOT Function		NO 2T/4T/SPOT Function
		
Compatible With SPOOL GUN		NOT Compatible With SPOOL GUN

Figure 4: Wire Spool Installation

The welder accommodates 1LB-10LBS wire spools without needing to change the spool. Open the side panel to access the wire feed mechanism. Ensure the correct drive roller (K-groove for Flux, V-groove for Solid, U-groove for Aluminum) is installed for your chosen wire type (.023"/.030"/.035"/.040" solid and flux core wire, as well as .035"/.040" aluminum wire).

5.3. Gas Connection (for Gas MIG/MAG)

For Gas MIG or MAG welding, connect the gas hose from your shielding gas cylinder to the gas inlet on the back of the machine. Secure with the provided hose bands. Ensure the gas flow rate is set according to your welding parameters.

5.4. Torch and Ground Clamp Connection

Connect the 15AK MIG Torch to the MIG Torch Connector on the front panel. Attach the Ground Clamp to the designated terminal and secure it to your workpiece. For Stick Welding, connect the Electrode Holder to the appropriate terminal.

5.5. Aluminum Welding Options

APPLY TO 1LB-10LBS WIRE

No need to change SPOOL

10
LBS WIRE

AZZUNO
MILD STEEL MIG SOLID WIRE
Do Not Remove, Cover or Destroy This Warning.
NET WEIGHT
10lb(s)/4.5kg
SIZE
0.030"/0.8mm
MODEL
ER70S-6
AWS A5.18

1-2
LBS WIRE

AZZUNO
ALUMINUM MIG WIRE
Do Not Remove, Cover or Destroy This Warning.
NET WEIGHT
1lb(s)/0.45kg
SIZE
0.030"/0.8mm
MODEL
AWS A5.10
ER5356

Figure 5: Aluminum MIG Welding Methods

For aluminum welding, you have two options: 1) Replace the original liner in the MIG torch with the included Teflon liner for a simple setup. 2) For enhanced capabilities, connect a compatible spool gun (LBT150, not included) to the dedicated spool gun port.

6. OPERATING MODES AND FUNCTIONS

The AZZUNO 200A MIG Welder offers a variety of operating modes to suit different welding needs.

6.1. Welding Modes Selection

Use the control panel to select your desired welding mode (CO2, MIX, Flux, Manual). The SYN function automatically adjusts welding parameters for optimal performance, simplifying setup. You can also manually adjust amperage and voltage.

6.2. Trigger Control Modes (2T/4T/Spot)

- **2T (Two-Touch) Mode:** Press and hold the trigger to weld; release to stop. Ideal for short welds.
- **4T (Four-Touch) Mode:** Press and release the trigger to start welding; press and release again to stop. Useful for long welds, reducing hand fatigue.
- **Spot Welding Mode:** For precise, timed spot welds.

6.3. Welding Parameter Table (MIG MIX - 0.8mm Wire)

This table provides recommended settings for MIG MIX welding with 0.8mm wire, based on plate thickness. These are reference values; fine-tune as needed for your specific application.

Plate Thickness (mm)	Adjust Current (A)	Adjust Voltage (V)
1.0-2.0	30-110	13.4-18.5
2.0-3.0	40-130	16.4-19.9
3.0-4.0	80-150	19.2-21.3
4.0-5.0	120-180	20.8-22.7

Table 1: MIG MIX (0.8mm Wire) Parameter Guide

6.4. Demonstration of Welding

Your browser does not support the video tag.

Video 1: AZZUNO 8 in 1 multiprocess MIG welder in action.

This video demonstrates the AZZUNO 8-in-1 multiprocess MIG welder in use, showcasing its capabilities and the quality of welds it can produce on various materials. It highlights the ease of operation and the machine's performance during active welding.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your welding machine.

- **Cleaning:** Regularly clean the machine's exterior and internal components (if accessible and safe) to prevent dust and debris buildup. Use compressed air to clear ventilation openings.
- **Cable Inspection:** Periodically inspect all cables, including the power cord, MIG torch, ground clamp, and electrode holder, for any signs of damage, fraying, or loose connections. Replace damaged components immediately.
- **Contact Tips and Nozzles:** Replace worn contact tips and clean or replace clogged nozzles on the MIG torch to ensure consistent wire feed and gas flow.
- **Drive Rollers:** Keep drive rollers clean and free of debris to prevent wire feeding issues. Ensure they are

correctly tensioned for your wire type.

8. TROUBLESHOOTING

If you encounter issues with your AZZUNO welder, refer to the following common troubleshooting steps:

- **No Power:** Check power cord connection, wall outlet, and circuit breaker. Ensure the machine's voltage switch matches the input power.
- **No Arc:** Verify ground clamp connection, proper wire feed, and correct welding mode selection. Check for tripped O.C. (Over Current) light.
- **Poor Weld Quality:** Adjust amperage and voltage settings according to the parameter table. Ensure proper gas flow (if applicable) and clean contact tip/nozzle. Check for correct wire tension.
- **Wire Feeding Issues:** Inspect drive rollers for debris or incorrect size. Check wire spool for tangles or damage. Ensure proper tension on the wire spool.

For persistent issues, please contact AZZUNO customer support.

9. SPECIFICATIONS

Feature	Specification
Manufacturer	AZZUNO
Part Number	MIG200PRO-2
Item Weight	24 pounds
Package Dimensions	23 x 16.5 x 14 inches
Style	MIG-200 Aluminum
Input Voltage	110V/220V (Dual Voltage)
Welding Functions	Gas MIG, MAG, Flux Core MIG, Aluminum MIG, Spool Gun MIG, Spot MIG, Lift TIG, Stick Welding
Wire Compatibility	.023"/.030"/.035"/.040" solid and flux core wire, .035"/.040" aluminum wire
Safety Features	Over-heating protection, Over-current protection, VRD (electric shock protection)

10. WARRANTY AND SUPPORT

AZZUNO offers a 1-year quality guarantee for this welder machine. Should you encounter any issues during this period, please reach out to AZZUNO customer support for assistance.

For further support or inquiries, please visit the official AZZUNO store on Amazon or contact their customer service directly.

