Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

GZ GUOZHI LBT150P

GZ GUOZHI LBT150P Spool Gun Instruction Manual

MODEL: LBT150P

1. Introduction

This manual provides essential information for the safe and effective use of your GZ GUOZHI LBT150P Spool Gun. This spool gun is designed to facilitate MIG welding of aluminum alloys, offering a reliable wire feeding solution for compatible GZ GUOZHI MIG welders. Please read this manual thoroughly before installation, operation, or maintenance.

2. Safety Information

Always observe general welding safety precautions when using this spool gun in conjunction with a welding machine. Failure to follow safety guidelines can result in serious injury or equipment damage.

- **Electric Shock Can Kill:** Ensure the welding machine is properly grounded. Do not touch live electrical parts. Wear dry welding gloves and protective clothing.
- **Fumes and Gases Can Be Dangerous:** Keep your head out of the fumes. Use enough ventilation or exhaust at the arc to keep fumes and gases away from the breathing zone.
- **Arc Rays Can Burn Eyes and Skin:** Wear a welding helmet with a proper shade of filter lens to protect your eyes and face. Wear protective clothing to protect your skin.
- **Fire and Explosion Hazard:** Remove all flammables from the welding area. Have a fire extinguisher nearby.
- **Moving Parts Can Cause Injury:** Keep hands and body away from moving parts like wire feed rolls.
- Always disconnect power to the welding machine before performing any maintenance or changing parts on the spool gun.

3. Product Overview and Features

The GZ GUOZHI LBT150P Spool Gun is designed for efficient aluminum welding. Key features include:

- **Cable Length:** 10 ft (3.0 m) gun cable for extended reach.
- **Quick Connection:** Features a robust gun connector for fast and secure attachment to compatible welding machines.

- **Versatility:** Suitable for welding all aluminum alloys.
- **Wire Compatibility:** Designed to feed recommended wire diameters with the same drive roll and liner assembly.
- **Control:** Equipped with a 2-pin control switch (European Connector) for precise operation.



Figure 1: Spool Gun Connectors. The main power connector measures approximately 3.1cm (1.22 inches) in diameter, and the 2-pin control switch connector measures approximately 1.5cm (0.59 inches) in diameter.

4. Setup

4.1. Wire Spool Loading

1. Ensure the spool gun is disconnected from the welding machine.
2. Open the wire spool cover on the spool gun.
3. Place the appropriate aluminum welding wire spool onto the spindle, ensuring it is seated correctly.
4. Carefully feed the wire through the drive rolls and into the gun liner, following the indicated path.
5. Close the wire spool cover securely.



Figure 2: Wire Spool Loading. The image illustrates the process of inserting a wire spool into the spool gun's wire compartment and threading the wire.

4.2. Connecting to the Welder

Before connecting, ensure your welding machine is powered off and unplugged.

1. Locate the spool gun connector port on your compatible GZ GUOZHI MIG welder (e.g., MIG-200P, MIG-210LED). This port is typically a multi-pin European-style connector.
2. Align the main power connector of the LBT150P Spool Gun with the corresponding port on the welder and push firmly until it clicks into place.
3. Connect the 2-pin control switch connector from the spool gun to its designated port on the welder.
4. Ensure all connections are secure before powering on the welding machine.



Figure 3: Spool Gun Connection. The image displays the spool gun properly attached to the front panel of a MIG-200P welding machine, with a detailed view of the 'Spool Gun Connector' port.

5. Operating Instructions

Once the spool gun is properly connected and wire is loaded, you can begin welding aluminum. Refer to your main welding machine's manual for specific settings and operational procedures.

1. **Power On:** Plug in and power on your GZ GUOZHI MIG welder.
2. **Select Settings:** Adjust the welding machine's voltage, wire feed speed, and other parameters appropriate for the aluminum alloy and thickness you are welding. Ensure the machine is set to MIG mode for aluminum.
3. **Gas Flow:** If using shielding gas (typically 100% Argon for aluminum MIG welding), ensure the gas cylinder is open and the flow rate is set correctly.
4. **Wire Feed Test (Optional):** Some welders have a wire feed test function. Use this to ensure wire is feeding smoothly through the spool gun.
5. **Welding:** Position the workpiece and the spool gun. Press the trigger on the spool gun to initiate the arc and wire feed. Release the trigger to stop.

6. **Post-Weld:** Turn off the welding machine and close the gas cylinder valve after use.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your spool gun.

- **Nozzle Cleaning:** Periodically clean spatter from the nozzle using a welding pliers or nozzle reamer. Replace if heavily worn or damaged.
- **Contact Tip:** Inspect the contact tip regularly for wear. A worn tip can cause poor arc stability and wire feeding issues. Replace as needed.
- **Wire Feed Mechanism:** Keep the drive rolls and wire path clean from debris and dust. Ensure the drive roll tension is correctly set for the wire diameter being used.
- **Cable Inspection:** Routinely check the gun cable for cuts, abrasions, or damage to the insulation. Damaged cables should be repaired or replaced by qualified personnel.
- **Storage:** Store the spool gun in a clean, dry environment when not in use.

7. Troubleshooting

If you encounter issues with your LBT150P Spool Gun, consider the following common problems. For more detailed troubleshooting, refer to your main welding machine's instruction manual.

Problem	Possible Cause	Solution
No wire feed	• Spool gun not properly connected • Wire spool empty or jammed • Drive roll tension incorrect • Contact tip clogged • Welder not set to spool gun mode (if applicable)	• Check all connections • Replace wire spool, clear jam • Adjust drive roll tension • Clean or replace contact tip • Refer to welder manual for mode selection
Poor arc stability	• Worn contact tip • Incorrect welding parameters • Insufficient shielding gas • Poor work clamp connection	• Replace contact tip • Adjust voltage/wire speed • Check gas flow and supply • Ensure good work clamp connection
Overheating	• Exceeding duty cycle • Poor ventilation	• Allow gun to cool down • Ensure proper airflow around gun and welder

8. Specifications

- **Model:** LBT150P
- **Cable Length:** 10 ft (3.0 m)
- **Item Weight:** Approximately 6.69 pounds
- **Control Switch:** 2-Pin (European Connector)

- **Main Connector:** European-style multi-pin connector
- **Wire Type:** Aluminum alloys

9. Compatibility

The GZ GUOZHI LBT150P Spool Gun is specifically designed for use with the following GZ GUOZHI welding machines:

- **Compatible Models:** GZ GUOZHI MIG-200P, GZ GUOZHI MIG-210LED

Important Note: This spool gun is **NOT** compatible with the following models:

- GZ GUOZHI MIG-160
- GZ GUOZHI MIG-200 (ASINs: B0BHQJP7XJ, B0BHQH968G)

Please verify your welding machine model before attempting to connect the LBT150P Spool Gun.

10. Warranty and Support

GZ GUOZHI is committed to providing quality products and customer satisfaction.

- **12-Month Warranty:** Any machine purchased from the official GZ GUOZHI store is covered by a 12-month warranty. Please note that this warranty excludes accessories.
- **Warranty Claim:** If your machine experiences damage due to non-human factors within the 12-month warranty period, please contact us. You can reach our support team through the Amazon channel or via email.
- **Customer Service:** Our dedicated GZ GUOZHI after-sales team is available to assist you and will endeavor to resolve any issues as quickly as possible.

© 2023 GZ GUOZHI. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0CGM1RVJF

More documents and user manuals: **https://manuals.plus/**