

wheelfun A0002

wheelfun LESU 1/14 RC Hydraulic Forklift A0002 Instruction Manual

Model: A0002 | Brand: wheelfun

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and setup of your wheelfun LESU 1/14 RC Hydraulic Forklift A0002. Please read this manual thoroughly before operating the model.

1.1 Safety Information

Warning: This product is not suitable for children under 14 years of age. Adult supervision is required for all users under 18.

- Always operate the forklift in a safe environment, away from people, pets, and obstacles.
- Ensure all components are securely attached before operation.
- Do not exceed the maximum lifting weight of 1.2KG.
- Keep hands and loose clothing away from moving parts.
- Use only recommended hydraulic oil, battery, charger, and radio system (not included).

1.2 Product Overview

The LESU 1/14 RC Hydraulic Forklift A0002 is a highly detailed, hobby-grade remote control model. It features precision CNC manufacturing for most components, ensuring high detail and smooth operation. The model is assembled and painted, ready for the addition of essential external components.

Key specifications:

- Scale: 1/14
- Material: Aluminum Alloy, Stainless Steel, Brass, Plastic
- Maximum Lifting Weight: 1.2KG
- Net Weight: 2.5KG
- Product ID: LS-RD-A0002-PNP-R

2. PACKAGE CONTENTS

2.1 Included Components

- 1/14 RC Forklift Model (Assembled and Painted)
- Electronic Speed Controller (ESC)
- Servo Motor
- Light System
- Sound System

2.2 Required Components (Not Included)

- Hydraulic Oil
- Battery
- Battery Charger
- Radio System (Transmitter and Receiver)

3. SETUP

Before operating your forklift, ensure all necessary components are installed and configured correctly.

1. **Install Battery:** Carefully install the recommended battery into the designated compartment. Ensure correct polarity.
2. **Add Hydraulic Oil:** Fill the hydraulic system with the appropriate hydraulic oil. Refer to the hydraulic system manual (if provided separately) for specific instructions and oil type.
3. **Connect Radio System:** Connect your radio receiver to the ESC, servo motor, light system, and sound system according to their respective manuals. Bind your transmitter to the receiver.
4. **Initial Checks:**
 - Verify all connections are secure.
 - Test the steering, lift, and tilt functions without load to ensure proper operation.
 - Check for any hydraulic leaks.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features of your RC forklift for optimal performance.

4.1 Key Features

- **Precision CNC Manufacturing:** Ensures high detail and smooth up-and-down lift motion with custom simulation chains.
- **Durable Brass Oil Pipes:** Resistant to leaks and bursting for long-lasting performance.
- **Advanced Hydraulic System:** Features a 2-way directional valve and finely crafted cylinders for enhanced stability and control.
- **Realistic Lighting and Sound System:** Adds authenticity and an immersive operating experience.
- **Differential Front Axle:** Complemented by metal wheel hubs and high-quality rubber tires for improved traction and maneuverability.
- **Upgraded Independent Metal Suspension:** Allows for a greater turning angle and more realistic driving dynamics.

4.2 Basic Operation

1. **Power On:** Turn on your radio transmitter first, then connect the battery to the forklift.

2. **Driving:** Use the joystick/controls on your transmitter to control forward, reverse, and steering.
3. **Lifting/Lowering:** Operate the hydraulic controls on your transmitter to raise and lower the forks.
4. **Tilting:** Use the hydraulic controls to tilt the mast forward or backward.
5. **Load Handling:** When lifting loads, ensure the load is centered and within the 1.2KG maximum weight limit. Approach loads slowly and carefully.
6. **Power Off:** Disconnect the battery from the forklift first, then turn off your radio transmitter.

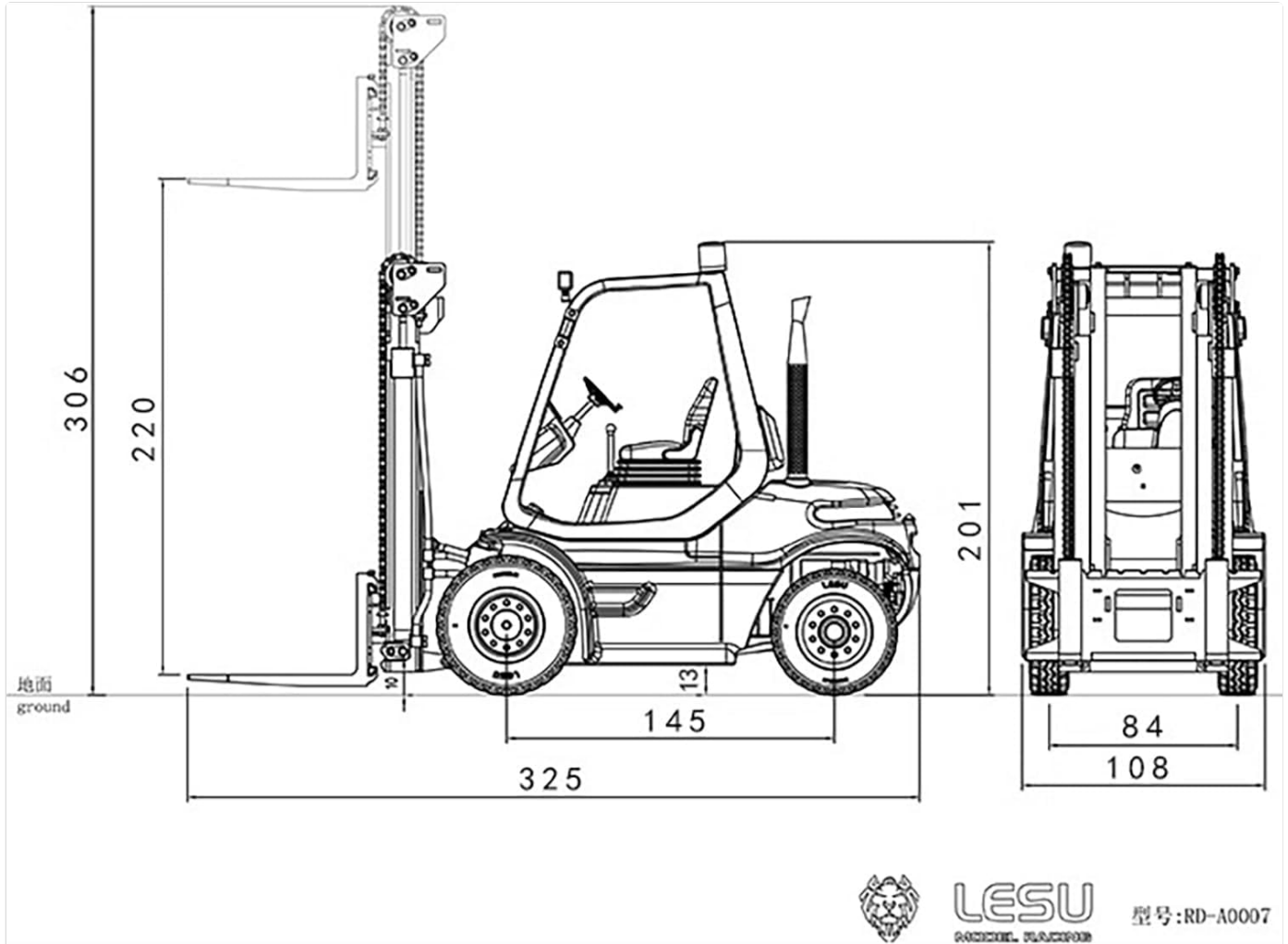
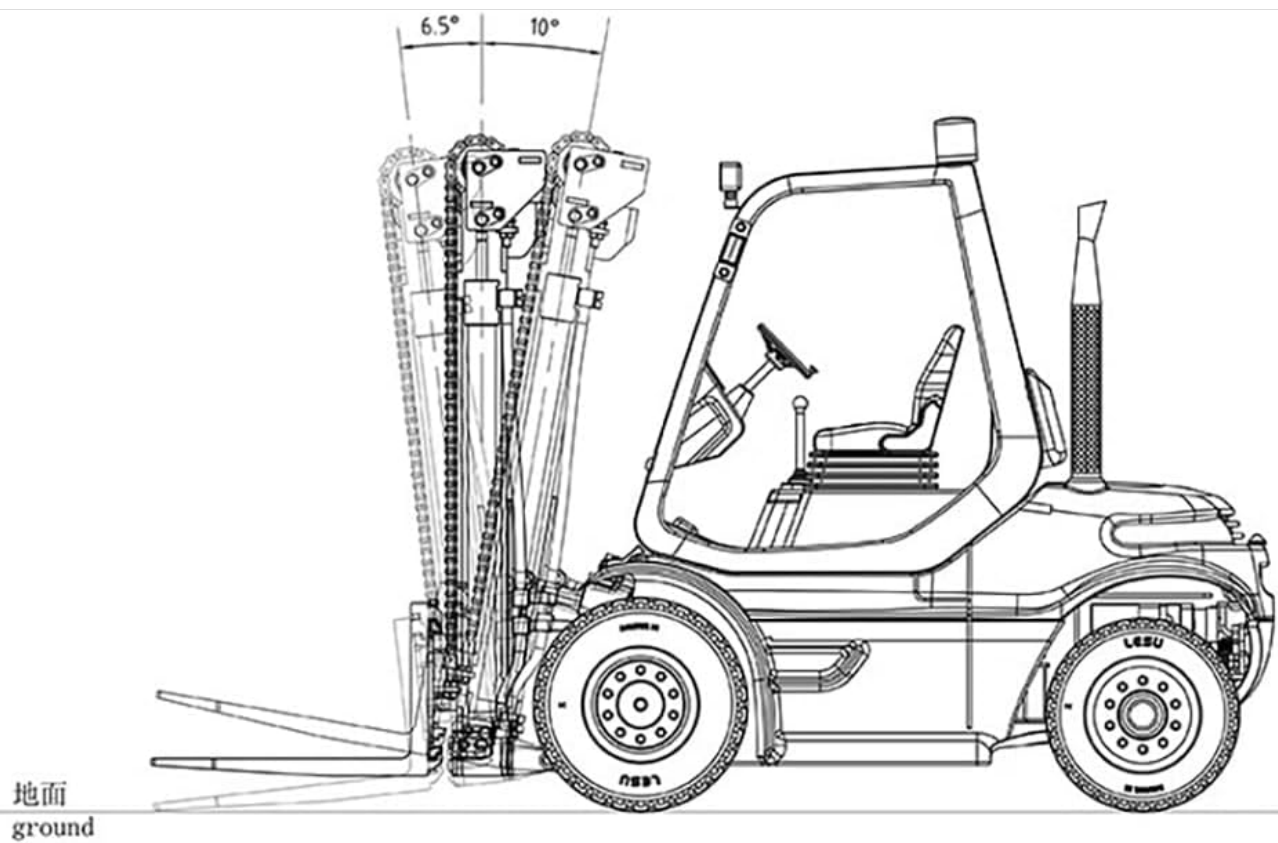


Figure 4.1: Side view of the LESU 1/14 RC Hydraulic Forklift A0002, showcasing its detailed construction.



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型号: RD-A0007

Figure 4.2: Front view of the LESU 1/14 RC Hydraulic Forklift A0002, highlighting the fork assembly.

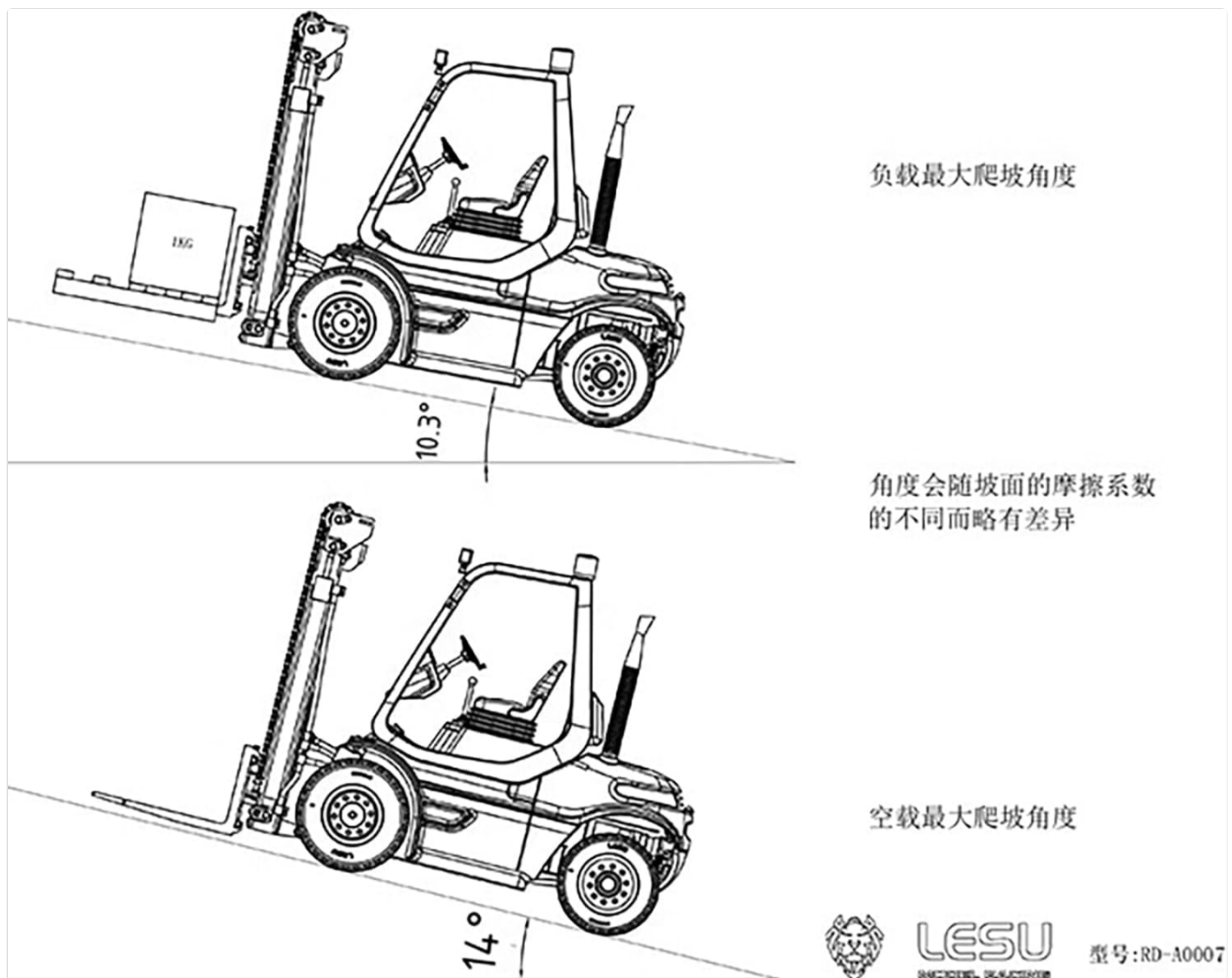


Figure 4.3: Rear view of the LESU 1/14 RC Hydraulic Forklift A0002, showing the counterweight and exhaust.

Figure 4.4: Mast tilt angles. The mast can tilt 6.5 degrees forward and 10 degrees backward relative to the ground.

Figure 4.5: Dimensional overview of the forklift. Key dimensions include an overall length of 325mm, a mast height of 306mm when fully extended, and a width of 108mm.

Figure 4.6: Maximum climbing angles. The forklift can climb a slope of up to 10.3 degrees with a load and up to 14 degrees without a load. Actual climbing ability may vary based on surface friction.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RC forklift.

- **Cleaning:** After each use, clean the forklift to remove dirt and debris. Use a soft brush or cloth. Avoid water near electronic components.
- **Hydraulic System Check:** Regularly inspect hydraulic lines for leaks and ensure the oil level is adequate. Refill with recommended hydraulic oil as needed.
- **Lubrication:** Periodically lubricate moving parts, such as the mast chains and pivot points, with appropriate RC-safe lubricant.

- **Fastener Check:** Ensure all screws and fasteners are tight. Re-tighten any loose components.
- **Tire Inspection:** Check tires for wear and tear. Replace if necessary to maintain traction.
- **Battery Care:** Follow the battery manufacturer's instructions for charging, discharging, and storage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Forklift does not respond to controls.	• Battery discharged or not connected. • Radio transmitter/receiver not powered or not bound. • ESC not connected or faulty.	• Charge/connect battery. • Ensure transmitter/receiver are on and bound. • Check ESC connections; replace if faulty.
Hydraulic lift is weak or unresponsive.	• Low hydraulic oil level. • Air in hydraulic system. • Hydraulic pump or valve issue.	• Check and refill hydraulic oil. • Bleed the hydraulic system (refer to hydraulic system manual). • Contact support for pump/valve issues.
Unusual noises during operation.	• Loose components. • Debris in moving parts. • Motor or gear issue.	• Inspect and tighten all fasteners. • Clean moving parts. • Contact support if noise persists.

7. SPECIFICATIONS

Feature	Detail
Brand Name	wheelfun
Model Number	A0002 (Manufacturer Part Number: TH24839-AMZUS2-S)
ASIN	B0F2SZVJ7L
Scale	1/14
Material Type	Aluminum Alloy, Stainless Steel, Brass, Plastic
Maximum Lifting Weight	1.2 KG
Net Weight	2.5 KG
Item Dimensions (L x W x H)	16 x 11.2 x 11.2 inches (approximate, based on product data)
Toy Vehicle Form	Truck (Forklift)
Age Range Description	Adult (Manufacturer Minimum Age: 256 months / 21 years 4 months)

8. WARRANTY AND SUPPORT

wheelfun is committed to providing quality products and customer satisfaction.

8.1 Damaged Items

In the event that your item arrives damaged out of the box, wheelfun can provide a free replacement part. Please contact customer support immediately upon discovery of damage.

8.2 Maintenance Services and Technical Support

wheelfun offers a professional after-sales team and a technical maintenance team. Technicians are available to provide guidance for repairs in English through video or text communication. For any questions or support needs, please contact the seller, Wheelfun RC Hobby, through the platform where the product was purchased.

9. PRODUCT VIDEOS

No official product videos from the seller were found to be relevant for inclusion in this instruction manual.

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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