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LESU THZH1204-AMZUS2-S

LESU 1/14 RC Hydraulic Forklift Transfer Car Instruction Manual

Model: THZH1204-AMZUS2-S

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1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your LESU 1/14 RC Hydraulic Forklift Transfer Car. This model is a highly detailed, ready-to-run (RTR) remote-controlled forklift featuring hydraulic functions, an Electronic Speed Controller (ESC), motor, servo, and integrated light and sound systems. It is designed for hobbyists and enthusiasts who appreciate realistic scale models.



Figure 1: Front-side view of the LESU 1/14 RC Hydraulic Forklift Transfer Car.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the forklift. Failure to do so may result in injury or damage to the product.

- **Age Restriction:** This product is not suitable for children under 14 years of age. Adult supervision is required for all users.
- **Operating Environment:** Operate the forklift in a safe, open area, away from people, pets, and obstacles. Avoid operating near water, heat sources, or electrical hazards.
- **Battery Safety:** Use only the specified battery type. Ensure correct polarity when connecting. Do not short-circuit, overcharge, or puncture batteries. Dispose of batteries responsibly.
- **Moving Parts:** Keep hands, hair, and loose clothing away from moving parts such as the forks, chains, and wheels during operation.
- **Weight Capacity:** Do not exceed the forklift's lifting capacity. Overloading can cause instability and damage.
- **Maintenance:** Perform maintenance only when the forklift is powered off and disconnected from the battery.

3. SETUP

Follow these steps for initial setup of your RC Hydraulic Forklift:

1. **Unboxing:** Carefully remove all components from the packaging. Inspect for any damage during transit.
2. **Battery Installation:** Access the battery compartment, typically located under the hood or seat. Connect the included battery to the ESC. Ensure a secure connection.



Figure 2: Internal electronics and battery connection.

3. **Transmitter Preparation:** Install batteries into the I6S Radio Controller (transmitter). Refer to the transmitter's specific manual for battery type and installation.
4. **Binding (if necessary):** If the forklift and transmitter are not pre-bound, follow the binding procedure outlined in the transmitter's manual.
5. **Initial Check:** Before operation, ensure all controls respond correctly and smoothly. Check that the lights and sound system are functional.

4. OPERATING INSTRUCTIONS

Your LESU RC Hydraulic Forklift is designed for realistic operation. Familiarize yourself with the controls before attempting complex maneuvers.

4.1 Basic Controls

- **Forward/Reverse:** Control the forklift's movement using the throttle stick on the transmitter.
- **Steering:** Control the direction (left/right) using the steering wheel/stick on the transmitter.
- **Fork Lift/Lower:** Use the designated hydraulic control on the transmitter to raise or lower the forks.
- **Fork Tilt:** Use the designated hydraulic control to tilt the forks forward or backward.

4.2 Advanced Features

- **Lights:** The forklift features functional headlights and warning lights. These can typically be controlled via a switch on the transmitter.
- **Sound System:** Realistic engine sounds and horn are integrated. Control these functions using the transmitter.

4.3 Loading and Unloading

When handling loads, approach slowly and carefully. Ensure the load is centered and stable on the forks before lifting or moving.



Figure 3: Forklift with a wooden pallet.



Figure 4: Forklift loading a crate onto a truck.

4.4 Operational Videos

Watch these videos for demonstrations of the forklift's capabilities and operational procedures.

Video 1: Demonstration of the LESU 1/14 RC Hydraulic Forklift's general operation, including movement, lifting, and sound effects.

Video 2: Detailed operational overview of the LESU 1/14 RC Hydraulic Forklift Transfer Truck RTR Model, showcasing its features.

Video 3: Short demonstration of the 1/14 RC Hydraulic Forklift Transfer Car RTR Model in action, highlighting its lifting capabilities.

5. MAINTENANCE

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

- **Cleaning:** After each use, clean the forklift to remove dirt, dust, and debris. Use a soft, dry cloth. Avoid water or harsh chemicals.
- **Lubrication:** Periodically lubricate moving parts such as the lift chains and hydraulic cylinders with appropriate RC-safe lubricant.
- **Battery Care:** Store batteries in a cool, dry place. Do not leave batteries fully charged or fully discharged for extended periods.
- **Inspection:** Regularly inspect all screws, connections, and moving parts for looseness or wear. Tighten as needed.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Forklift does not respond to controls.	Low battery in forklift or transmitter; not powered on; not bound.	Charge/replace batteries; ensure power switches are ON; re-bind transmitter and receiver.
Forks do not lift or tilt properly.	Hydraulic fluid low; motor/servo issue; overload.	Check hydraulic fluid levels; inspect motor/servo connections; reduce load.
Unusual noises during operation.	Loose parts; debris in gears/chains; worn components.	Inspect for loose screws; clean moving parts; contact support if noise persists.

7. SPECIFICATIONS

- **Brand:** LESU
- **Model Number:** THZH1204-AMZUS2-S
- **Scale:** 1/14
- **Material Type:** Metal
- **Color:** Green
- **Item Dimensions (L x W x H):** 16 x 12 x 11.2 inches
- **Power Source:** Battery Powered (1 Nonstandard Battery included)
- **Age Range:** Adult (Manufacturer Minimum Age: 256 months)
- **Features:** High-Quality Design, Immersive Sound & Light System, Pre-Painted and Assembled Body Shell, Sturdy Construction.

8. WARRANTY & SUPPORT

Your LESU 1/14 RC Hydraulic Forklift Transfer Car comes with a **1 Year Warranty Against Manufacturer Defects**.

For technical assistance, troubleshooting, or warranty claims, please contact Wheelfun RC Hobby, the seller. They offer professional after-sales support and technical maintenance guidance in English via video or text for repairs.

For more information, visit the [LESU Store on Amazon](#).

