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› wheelfun 1/12 T150K RC Hydraulic Tractor Instruction Manual

wheelfun TH22920-AMZUS2-S

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Model: TH22920-AMZUS2-S

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INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your wheelfun 1/12 T150K RC Hydraulic Tractor. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Figure 1: Front-side view of the wheelfun 1/12 T150K RC Hydraulic Tractor.



Figure 2: Side-rear view of the wheelfun 1/12 T150K RC Hydraulic Tractor.

SETUP

Before operating your RC Hydraulic Tractor, ensure all components are correctly assembled and connected.

1. Battery Connection

The tractor requires a 3S Lithium/Li-polymer/LiPo Battery (not included). Locate the battery compartment, typically at the front of the tractor. Connect the battery securely to the designated connector.



Figure 3: Front compartment with battery connection point.

2. Powering On

After connecting the battery, switch the power to the 'ON' position. The tractor's internal systems, including the lighting and sound systems, will initialize.



Figure 4: Detail of the exhaust and air intake system.

3. Remote Controller Setup

The FlySky I6S Remote Controller and Receiver are included. Refer to the remote controller's specific manual for pairing and calibration instructions. Ensure the remote controller is powered on and properly linked to the tractor before operation.

Setup Overview Video

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Video 1: This video demonstrates the initial setup steps, including battery connection and power-on sequence, along with a brief overview of the lighting and sound systems.

OPERATION

Familiarize yourself with the controls of the FlySky I6S Remote Controller to operate the tractor effectively.

1. Driving Controls

- **Steering:** The tractor features hydraulic steering for precise control. Use the designated joystick or wheel on your

remote controller to steer left and right.

- **Speed Control:** The 2-speed gearbox allows switching between high and low speeds. Consult your remote controller manual for specific gear shift controls.
- **Neutral Gear:** The tractor can be set to neutral gear, allowing the engine to run without engaging the drive system.



Figure 5: Cabin interior showing the steering wheel and seats.

2. Hydraulic System

The hydraulic system includes a 3-way reversing valve and a pump with a flow rate of 1.2L/MIN and a rated pressure of 3.5MPA. This system controls the rear suspension power output.

- **Rear Suspension:** The rear suspension can handle a maximum lifting force of 10 KG. Use the remote controller to operate the rear hitch for attaching and detaching implements.



Figure 6: Detail of the rear hitch and suspension system.

3. Lighting and Sound Systems

The tractor is equipped with a simulation lighting system (headlights, taillights) and a sound system for enhanced realism. These features are typically controlled via the remote controller.



Figure 7: Rear-side view of the tractor, highlighting the taillights.

MAINTENANCE

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

- **Cleaning:** After each use, clean the tractor to remove dirt, dust, and debris. Use a soft brush or cloth. Avoid using harsh chemicals or excessive water, especially near electronic components.
- **Battery Care:** Always disconnect the battery when not in use. Store batteries in a cool, dry place. Follow the battery manufacturer's guidelines for charging and storage.
- **Hydraulic System:** Periodically check the hydraulic fluid levels. Use only recommended hydraulic oil (not included). Inspect hoses and connections for leaks or damage.
- **General Inspection:** Regularly inspect all moving parts, screws, and connections for looseness or wear. Tighten any loose screws and replace worn parts as needed.

TROUBLESHOOTING

This section addresses common issues you might encounter with your RC Hydraulic Tractor.

- **Tractor Not Responding:**
 - Check if the battery is fully charged and properly connected.
 - Ensure the remote controller is powered on and correctly paired with the tractor.
 - Verify that the tractor's power switch is in the 'ON' position.
- **Weak Hydraulic Function:**
 - Check the hydraulic fluid level and refill if necessary.
 - Inspect for any leaks in the hydraulic lines or connections.

- Ensure the hydraulic pump is receiving power.
- **Unusual Noises:**
 - Turn off the tractor immediately.
 - Inspect for any foreign objects caught in moving parts.
 - Check for loose gears or damaged components.
- **Damage Out of Box:** If the item is damaged upon arrival, contact customer support for a free replacement part.

SPECIFICATIONS

Feature	Detail
Item Condition	New, Painted and Assembled
Scale	1/12
Material	Metal, Plastic
Vehicle Size	Approx. 702 x 330 x 250 mm
Net Weight	Approx. 17.5 KG
Battery Compartment Size	120 x 45 x 30 mm
Recommended Car Battery	3S Lithium/Li-polymer/LiPo Battery (Not Included)
Transmission	2-speed Gearbox
Hydraulic Steering	3-way Center-Position Return High-Power Digital Servo Valve
Rear Suspension Lifting Force	Max 10 KG
Chassis Minimum Ground Clearance	37 mm
Hydraulic Pump Flow Rate	1.2 L/MIN
Hydraulic Pump Rated Pressure	3.5 MPA
Lighting System	Simulation Lighting System Included
Sound System	Simulation Sound System Included
Remote Controller	FlySky I6S Remote Controller and Receiver Included
Product Dimensions	36 x 20 x 16 inches
Item Weight	42 pounds
Item Model Number	TH22920-AMZUS2-S
Manufacturer Recommended Age	21 years and up

WARRANTY & SUPPORT

For warranty information and support, please refer to the manufacturer's official channels or your point of purchase. The manufacturer offers a professional after-sales team and a technical maintenance team that can provide guidance in English

through video or text for repairs.

Optional protection plans may be available for purchase separately to extend coverage beyond the standard manufacturer's warranty.