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## Fastrax FAST2000

# Fastrax FAST2000 Fully Automatic Tyre Truer User Manual

Model: FAST2000 | Brand: Fastrax

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your Fastrax FAST2000 Fully Automatic Tyre Truer. This device is designed for precision tyre truing for R/C cars, accommodating scales from 1/12th to 1/8th. It features a pre-installed cutting blade, simple controls, and robust construction.

## 2. SAFETY INFORMATION

Please read all safety warnings and instructions before operating the device to prevent injury or damage. Keep this manual for future reference.

- **Power Source:** The FAST2000 requires a 12V power source. Ensure the power supply is stable and correctly connected before operation.
- **Moving Parts:** The device contains moving parts and a sharp cutting blade. Keep hands, hair, loose clothing, and other objects clear of the cutting area during operation.
- **Protective Cover:** Always ensure the plexiglass protective cover is properly in place before and during operation to minimize exposure to the cutting blade.
- **Fuse Protection:** The unit is fuse overload protected. If the device stops functioning unexpectedly, check the fuse.
- **Ventilation:** Operate the device in a well-ventilated area.
- **Children and Pets:** Keep the device out of reach of children and pets. This product is not a toy.
- **Cleaning:** Disconnect power before cleaning or performing any maintenance.

## 3. PRODUCT OVERVIEW

The Fastrax FAST2000 is a compact and robust tyre truing machine. Below is an image illustrating its main components and controls.



**Image Description:** This image displays the Fastrax FAST2000 Fully Automatic Tyre Truer. The device is black with a blue transparent protective cover over the cutting mechanism. On the left side, there is a control panel with a 12V power switch, 'REV OFF ON' switch, and several buttons labeled 'REVERSE CUTTER', 'HOME', 'CUTTER CONTROL STOP CUTTER', 'FORWARD CUTTER', and 'AUTO MODE'. A dial for adjustment is visible on the front right.

### Key Components:

- **12V Power Switch:** Controls the main power to the unit.
- **REV OFF ON Switch:** Controls the direction of the tyre rotation.
- **Control Buttons:**
  - **REVERSE CUTTER:** Moves the cutting blade in reverse.
  - **HOME:** Returns the cutting blade to its home position.
  - **CUTTER CONTROL STOP CUTTER:** Stops the cutting blade movement.
  - **FORWARD CUTTER:** Moves the cutting blade forward.
  - **AUTO MODE:** Initiates the automatic truing process.
- **Adjustment Dial:** Used to set the truing diameter.
- **Plexiglass Cover:** Transparent cover for safety and visibility of the cutting area.
- **Cutting Mechanism:** Houses the pre-installed cutting blade and tyre mounting area.

## 4. SETUP

Follow these steps to set up your Fastrax FAST2000:

1. **Unpacking:** Carefully remove the tyre truer from its packaging. Inspect the unit for any signs of damage during transit.
2. **Placement:** Place the unit on a stable, flat, and clean surface. Ensure there is adequate space around the device for safe operation and ventilation.
3. **Power Connection:** Connect a suitable 12V DC power source (not included) to the 12V power input port on the unit. Ensure the power switch is in the 'OFF' position before connecting.
4. **Initial Check:** With the power connected, switch the 12V power to 'ON'. The unit should power up. Do not insert a tyre yet.

## 5. OPERATING INSTRUCTIONS

The FAST2000 offers both manual and automatic operation modes.

5.1. Preparing for Truing:

1. Ensure the unit is powered on.
2. Mount the R/C car wheel and tyre assembly securely onto the truing arbor.
3. Adjust the truing diameter using the adjustment dial. The device supports truing diameters between 35mm and 80mm. Rotate the dial until the desired diameter is set.
4. Ensure the plexiglass protective cover is closed.

5.2. Automatic Truing Mode:

For a fully automated truing process:

1. After preparing the tyre as described above, press the 'AUTO MODE' button.
2. The device will automatically engage the cutting blade, rotate the tyre, and perform the truing operation according to the set diameter.
3. The process will stop automatically once complete.

5.3. Manual Control:

For precise manual control over the cutting process:

1. Use the 'REV OFF ON' switch to control the direction of tyre rotation (Reverse or Forward).
2. Use the 'FORWARD CUTTER' and 'REVERSE CUTTER' buttons to manually move the cutting blade.
3. Press the 'CUTTER CONTROL STOP CUTTER' button to halt the blade movement at any time.
4. The 'HOME' button will return the cutting blade to its starting position.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FAST2000.

- **Cleaning:** After each use, disconnect the power and use a soft brush or compressed air to remove rubber dust and debris from the cutting area and internal mechanisms. Do not use liquid cleaners directly on electronic components.
- **Blade Inspection:** Periodically inspect the cutting blade for sharpness and damage. A dull blade can lead to poor truing results and increased motor strain. Replacement blades are available from authorized Fastrax dealers.
- **Lubrication:** Lightly lubricate moving parts, such as the cutter guide rails, with a suitable light machine oil as needed to ensure smooth operation.
- **Storage:** When not in use, store the unit in a clean, dry environment, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your FAST2000, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power, faulty power supply, or blown fuse.	Ensure 12V power source is connected and functional. Check the power switch. Inspect and replace the fuse if necessary.
Cutter not moving or moving erratically.	Debris in mechanism, motor issue, or control button malfunction.	Disconnect power and clear any debris from the cutter path. Ensure the cutter is not obstructed. If problem persists, contact support.

Problem	Possible Cause	Solution
Tyre not truing evenly.	Dull blade, incorrect diameter setting, or improper tyre mounting.	Check blade sharpness and replace if dull. Verify the diameter setting. Ensure the tyre is securely and squarely mounted on the arbor.
Unit stops during operation.	Overload protection activated or power interruption.	Check for obstructions or excessive load on the motor. Verify power supply. Allow unit to cool down if it was running for an extended period.

8. SPECIFICATIONS



- **Model:** FAST2000
- **Power Requirement:** 12V DC (external power source required)
- **Adjustable Truing Diameter:** 35mm - 80mm
- **Construction:** Heavy Duty Aluminium Casing and CNC Base
- **Protective Cover:** Plexiglass
- **Safety Features:** Fuse Overload Protected
- **Dimensions:** Approximately 21 x 31 x 11 cm (L x W x H)
- **Weight:** Approximately 2.1 kg

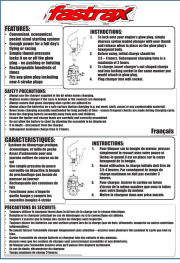

9. WARRANTY AND SUPPORT

Specific warranty details for the Fastrax FAST2000 are not provided in this manual. Please refer to your purchase documentation or contact your retailer for warranty information.

For technical support or inquiries regarding replacement parts, please contact Fastrax customer service or your authorized dealer.

Related Documents - FAST2000

	<p><a href="#">FTX Confort 18" Ventilador Manual de Instrucciones</a></p> <p>Manual de instrucciones para el ventilador FTX Confort de 18 pulgadas. Incluye precauciones de seguridad, instrucciones generales, montaje, mantenimiento, especificaciones eléctricas y desecho del producto.</p>
	<p><a href="#">Aura 12-inch Table Fan FTX HB-EF-02 User Manual</a></p> <p>User manual for the Aura 12-inch Table Fan, model FTX HB-EF-02. Provides detailed safety guidelines, assembly instructions, operating procedures, cleaning and maintenance tips, and technical specifications for optimal use.</p>

	<p><a href="#">Fastrax Glow Starter and Charger: Features, Instructions, and Safety</a></p> <p>Comprehensive guide to the Fastrax glow starter, detailing its features, usage instructions, and essential safety precautions for RC hobbyists. Covers initial and subsequent charging times.</p>
	<p><a href="#">Fastrax Multi-Function LED Pit Light: Instruction Manual &amp; User Guide</a></p> <p>Instruction manual for the Fastrax Multi-Function LED Pit Light. This document details the product's features, including Qi wireless charging, adjustable LED lighting (brightness and color temperature), calendar, clock, and alarm functions. It provides comprehensive instructions on how to use the lamp, set up the clock and alarm, replace the battery, and lists the package contents. Designed for ease of use and accessibility.</p>

## Documents - Fastrax – FAST2000



[\[pdf\]](#) Accessories Catalog

untitled CMLFastraxCat cmldistribution co uk

PAGE 5 PAGE 9 PAGE 35 PAGE 29 PAGE 5 CML Distribution does not sell direct to the public in th ... d press. Features protective cover, installed electronics and motor, regulated speed and 12v cable. **FAST2000** Slick V-Tread Long Spike Part No Tyre/Wheel Size Inserts Pair/4 Special Notes FAST394-...

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CML 04 Catalogue Price List			
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[\[pdf\]](#) Catalog Price List

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