

Feider FTRE2240

FEIDER FTRE2240 Electric Chainsaw User Manual

Model: FTRE2240 | Brand: FEIDER

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your FEIDER FTRE2240 Electric Chainsaw. Please read this manual thoroughly before using the chainsaw to ensure your safety and prolong the life of the tool. Keep this manual in a safe place for future reference.

2. PRODUCT OVERVIEW

The FEIDER FTRE2240 is a powerful electric chainsaw designed for various cutting tasks, including felling small to medium-sized trees, limbing, and bucking firewood. It features a robust 2200W motor and an Oregon guide bar and chain for reliable performance.



Figure 1: FEIDER FTRE2240 Electric Chainsaw. This image displays the complete chainsaw assembly, highlighting the orange and black housing, the Oregon guide bar, and the cutting chain.

Key Features:

- **Power:** 2200 W motor for efficient cutting.
- **Reliability:** Equipped with an Oregon guide bar and chain, known for quality.
- **Versatility:** Suitable for felling, limbing, and cutting small to medium diameter wood.
- **Safety:** Features a mechanical brake to reduce risks during operation.
- **Chain Tension Adjustment:** Tool-less chain tensioning for convenience.

3. SAFETY INSTRUCTIONS

WARNING: Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear when operating the chainsaw. Read and understand all safety warnings and instructions before use.

- Ensure the work area is clear of obstacles and bystanders.
- Never operate the chainsaw in wet conditions or near flammable liquids/gases.
- Inspect the chainsaw for damage or loose parts before each use.
- Maintain a firm grip with both hands on the chainsaw handles.
- Be aware of kickback and how to avoid it.
- Disconnect the power supply before performing any maintenance or adjustments.

4. SETUP AND ASSEMBLY

4.1. Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. Retain packaging for future storage or transport.

4.2. Guide Bar and Chain Installation

1. Ensure the chainsaw is unplugged from the power source.
2. Remove the chain cover by loosening the retaining knob/nuts.
3. Place the chain around the sprocket and guide bar, ensuring the cutting edges face the correct direction.
4. Fit the guide bar onto the mounting studs and align the chain with the guide bar groove.
5. Replace the chain cover and lightly tighten the retaining knob/nuts.
6. Adjust chain tension using the tool-less tensioning mechanism. The chain should be snug but still able to be pulled freely around the guide bar by hand.
7. Fully tighten the retaining knob/nuts to secure the chain cover and guide bar.

4.3. Filling the Oil Reservoir

The chainsaw requires chain lubricant oil for proper operation and to prevent premature wear of the chain and guide bar. The oil reservoir capacity is approximately 18 mL.

1. Place the chainsaw on a level surface.
2. Unscrew the oil reservoir cap.
3. Fill the reservoir with high-quality chain lubricant oil. Do not overfill.
4. Replace the cap securely.

5. Periodically check the oil level during operation and refill as needed.

5. OPERATING INSTRUCTIONS

5.1. Pre-Operation Check

- Ensure the chain is properly tensioned and lubricated.
- Check that all fasteners are tight.
- Verify the power cord is in good condition and not damaged.
- Confirm the mechanical brake is functioning correctly.

5.2. Starting the Chainsaw

1. Connect the chainsaw to a suitable power outlet (230-240V / 50Hz).
2. Hold the chainsaw firmly with both hands.
3. Engage the safety switch (if applicable) and press the trigger to start the motor.
4. Allow the chain to reach full speed before making contact with the wood.

5.3. Cutting Techniques

Always maintain a stable stance and keep the chainsaw balanced. Avoid cutting with the tip of the guide bar to prevent kickback. Plan your cuts to ensure the wood falls safely and does not pinch the guide bar.

- **Felling:** For small trees, make a directional notch on the side the tree is intended to fall, then make the felling cut from the opposite side.
- **Limbing:** Remove branches from a fallen tree. Work from the base of the tree towards the top, cutting smaller branches first.
- **Bucking:** Cut a log into shorter sections. Support the log to prevent pinching and ensure a clean cut.

CAUTION: Be aware of the mechanical brake. It is designed to stop the chain quickly in case of kickback or other emergencies. Ensure it is not accidentally engaged during normal operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw. Always disconnect the power supply before performing any maintenance.

6.1. Cleaning

- After each use, clean sawdust, chips, and debris from the guide bar, chain, and motor housing.
- Use a brush or compressed air. Do not use water directly on electrical components.
- Check the air vents for blockages and clear them.

6.2. Chain Sharpening

A sharp chain is crucial for efficient and safe cutting. A dull chain will cause the chainsaw to work harder, produce more sawdust than chips, and can lead to kickback. Refer to the Oregon chain manufacturer's guidelines for proper sharpening techniques and tools. The tooth spacing is 1.3 mm, and the chain plate thickness is 9.53 mm.

6.3. Guide Bar Maintenance

- Regularly clean the guide bar groove to remove accumulated sawdust and debris.
- Check the guide bar for burrs or damage. File down any burrs.
- Flip the guide bar periodically to ensure even wear.

6.4. Storage

When not in use, store the chainsaw in a dry, secure location, out of reach of children. Ensure the chain is clean and lightly oiled. Empty the oil reservoir if storing for an extended period.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your FEIDER FTRE2240 Electric Chainsaw. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Chainsaw does not start.	No power supply; safety switch not engaged; damaged power cord.	Check power connection; ensure safety switch is pressed; inspect power cord for damage.
Chain does not move or moves slowly.	Chain brake engaged; chain too tight; guide bar or chain clogged with debris.	Disengage chain brake; adjust chain tension; clean guide bar and chain.
Excessive smoke or burning smell.	Dull chain; insufficient chain lubrication; motor overload.	Sharpen or replace chain; refill oil reservoir; reduce cutting pressure.
Poor cutting performance.	Dull chain; incorrect chain tension; improper cutting technique.	Sharpen or replace chain; adjust chain tension; review operating instructions.

8. SPECIFICATIONS

Model	FTRE2240
Brand	FEIDER
Power Supply	230-240V / 50Hz
Motor Power	2200 W
Guide Bar Length	40.6 cm (16 inches)
Chain Type	Oregon
Chain Speed	12.1 m/s
Oil Reservoir Capacity	18 mL
Chain Pitch (Tooth Spacing)	1.3 mm
Chain Plate Thickness	9.53 mm

Braking System	Mechanical Brake
Product Dimensions (L x W x H)	49 x 26 x 29 cm
Weight	5.3 kg

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This FEIDER product is covered by a **2-year warranty** from the original date of purchase, covering defects in material and workmanship. Please note that accessories, batteries, chargers, and consumables are not covered under this warranty.

You can extend your warranty by an additional year for free by creating a MySwap account within 30 days of purchase. Visit the official FEIDER website for more details and to register your product.

9.2. Customer Support

For technical assistance, spare parts, or warranty claims, please contact FEIDER customer support. Refer to your purchase documentation or the official FEIDER website for contact details.