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Feider FFBE5T

Feider FFBE5T Electric Log Splitter User Manual

Model: FFBE5T

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Feider FFBE5T Electric Log Splitter. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage.

The Feider FFBE5T is an electric log splitter designed for domestic use, capable of splitting logs up to 52 cm in length and 25 cm in diameter with a 5-ton splitting force. Its 1500 W motor provides reliable performance for preparing firewood.



Figure 1: Feider FFBE5T Electric Log Splitter. This image shows the complete log splitter assembly, including the motor, splitting wedge, log tray, support stand, and transport wheels.

2. Safety Instructions

WARNING: Failure to follow these safety instructions can result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Ensure the log splitter is placed on a firm, level surface before operation.
- Keep hands and feet clear of the splitting wedge and log tray during operation.
- Only operate the log splitter with one person. Do not allow others, especially children, near the machine during use.
- Do not attempt to split logs larger than the specified maximum dimensions (52 cm length, 25 cm diameter).
- Inspect logs for nails, wire, or other foreign objects before splitting.
- Never force a log onto the splitter. If a log gets stuck, refer to the troubleshooting section.

- Ensure the power cord is in good condition and positioned to avoid damage or tripping hazards.
- Disconnect the power supply before performing any maintenance, cleaning, or when the machine is not in use.
- Do not operate the log splitter in wet conditions or in the presence of flammable liquids or gases.

3. Components Overview

Familiarize yourself with the main components of your Feider FFBE5T log splitter:

1. **Motor:** The electric power unit (1500 W) that drives the hydraulic system.
2. **Splitting Wedge:** The hardened steel wedge that splits the log.
3. **Log Tray:** The platform where logs are placed for splitting.
4. **Control Levers:** Two-hand operation levers for safety, requiring both hands to activate the splitting action.
5. **Hydraulic Cylinder:** The mechanism that pushes the splitting wedge.
6. **Support Stand:** Robust tubular frame providing stability and an ergonomic working height.
7. **Transport Wheels:** Two 150 mm diameter wheels for easy mobility.
8. **Power Cable:** Connects the log splitter to the electrical supply.
9. **Protection Casing:** Metal casing for enhanced safety during operation.



Figure 2: Side view of the log splitter, highlighting the motor, hydraulic cylinder, and control levers. This view also shows the robust tubular frame and transport wheels.

4. Setup

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Assembly of Support Stand:** Attach the support stand to the main body of the log splitter according to the diagrams in the separate assembly guide (if provided). Ensure all bolts are securely tightened.
3. **Wheel Installation:** Mount the transport wheels onto the designated axles.
4. **Placement:** Position the log splitter on a firm, level, and dry surface. Ensure there is ample clear space around the machine for safe operation and log handling.
5. **Electrical Connection:** Connect the 2-meter power cable to a suitable 230 V, 50 Hz electrical outlet. Ensure the circuit is protected by a residual current device (RCD).
6. **Hydraulic Oil Check:** Before first use, check the hydraulic oil level. Refer to the maintenance section for details on checking and refilling hydraulic oil.

5. Operating Instructions

IMPORTANT: Always review the safety instructions before operating the log splitter.

1. **Log Preparation:** Select logs that are within the specified maximum length (52 cm) and diameter (25 cm). Ensure logs are free of branches, knots, and foreign objects.
2. **Positioning the Log:** Place the log firmly on the log tray against the end plate. Ensure it is stable and will not roll during splitting.
3. **Two-Handed Operation:** To initiate the splitting action, simultaneously press and hold both control levers. The splitting wedge will advance and split the log.
4. **Splitting:** Allow the wedge to fully split the log. If the log does not split completely on the first pass, rotate it 90 degrees and attempt to split it again.
5. **Retracting the Wedge:** Release both control levers to retract the splitting wedge to its starting position.
6. **Removing Split Logs:** Once the wedge has fully retracted, safely remove the split wood from the log tray.
7. **Stopping Operation:** To stop the log splitter at any time, simply release the control levers. For complete shutdown, disconnect the power supply.



Figure 3: The log splitter ready for operation, showing the log tray and the splitting wedge area. This image illustrates the horizontal splitting position.

6. Maintenance

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

- **Cleaning:** After each use, clean the log splitter, especially the splitting wedge and log tray, to remove wood chips and debris. Use a brush or compressed air. Do not use water directly on electrical components.
- **Hydraulic Oil:** Check the hydraulic oil level periodically (e.g., every 50 hours of operation or annually). The oil level should be between the minimum and maximum marks on the dipstick. Use only recommended hydraulic oil (e.g., HLP 32 or equivalent).
- **Wedge Sharpening:** Keep the splitting wedge sharp for optimal performance. Sharpen with a fine-toothed file if it becomes dull.
- **Inspections:** Regularly inspect all bolts, nuts, and fasteners for tightness. Check the power cord for any signs of damage or wear.

- **Storage:** Store the log splitter in a dry, protected area, away from moisture and extreme temperatures.

7. Troubleshooting

This section addresses common issues you might encounter with your log splitter.

Problem	Possible Cause	Solution
Log splitter does not start.	No power supply; faulty switch; motor overload.	Check power connection and circuit breaker. Ensure both control levers are pressed simultaneously. Allow motor to cool if overloaded.
Wedge does not move or moves slowly.	Low hydraulic oil level; air in hydraulic system; log too large/hard.	Check and refill hydraulic oil. Bleed air from the system (refer to specific instructions in full manual). Do not attempt to split oversized logs.
Log gets stuck on the wedge.	Log is too fibrous or has knots; wedge is dull.	Release control levers to retract the wedge. If stuck, carefully use a wooden wedge to free the log. Never use hands or metal tools. Sharpen the wedge.
Oil leakage.	Loose fittings; damaged seals.	Tighten all hydraulic fittings. If seals are damaged, contact customer support for repair.

8. Specifications

Feature	Value
Model	FFBE5T
Power	1500 W
Splitting Force	5 tons
Max. Log Length	52 cm
Max. Log Diameter	25 cm
Nominal Voltage	230 V
Frequency	50 Hz
Sound Level	91 dB
Dimensions (L x H x W)	152 x 109 x 67 cm
Weight	59.5 kg
Wheel Diameter	150 mm
Power Cable Length	2 m
Operating Position	Horizontal

9. Warranty and Support

9.1. Warranty Information

The Feider FFBE5T Electric Log Splitter comes with a **5-year manufacturer's warranty**, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
Feider also commits to the availability of spare parts for**20 years**, ensuring long-term reparability of your product.

9.2. Customer Support

For technical assistance, spare parts, or warranty inquiries, please contact Feider customer support:

Phone: 05.34.50.85.08 (Non-surcharged call from France)

Operating Hours: Monday to Friday, 9:00 AM to 5:30 PM (CET)

You can also visit the official Feider store on Amazon for more information:Feider Amazon Store

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