

Scheppach T650

Scheppach T650 Log Splitter Instruction Manual

Model: T650

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Scheppach T650 Log Splitter. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage to the machine. Keep this manual in a safe place for future reference.

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, heavy-duty gloves, and steel-toed boots.
- Ensure the log splitter is placed on a firm, level surface before operation.
- Keep hands and feet clear of the splitting wedge and ram during operation.
- Operate the log splitter with two hands as designed. Never bypass safety mechanisms.
- Do not split logs containing nails, wire, or other foreign objects.
- Keep children and bystanders at a safe distance (at least 10 feet) from the operating area.
- Never attempt to split logs larger than the specified capacity of the machine.
- Disconnect power before performing any maintenance, cleaning, or adjustments.
- Ensure adequate ventilation when operating the machine.

3. PRODUCT OVERVIEW

The Scheppach T650 is an electric log splitter designed for domestic use. It features a robust construction and a powerful hydraulic system to efficiently split various types of wood.



This image displays the Scheppach T650 log splitter, a robust machine designed for splitting wood. It is shown with its included superstructure, which is a log cage, and additional splitting plates, enhancing its functionality for various log sizes.



A clear view of the Scheppach T650 log splitter, highlighting its main body, motor, hydraulic cylinder, and wheeled chassis for portability. This image shows the core unit before any additional accessories are attached.

Key Components:

- **Motor:** Powers the hydraulic pump.
- **Hydraulic Cylinder:** Generates the splitting force.
- **Splitting Wedge:** The sharp component that splits the log.
- **Log Tray/Table:** Supports the log during splitting.
- **Control Levers/Buttons:** Activates the splitting ram (two-hand operation).
- **Chassis with Wheels:** Provides portability.
- **Superstructure (Log Cage):** Optional accessory to contain split wood.
- **Splitting Plates:** Optional accessories for supporting logs.

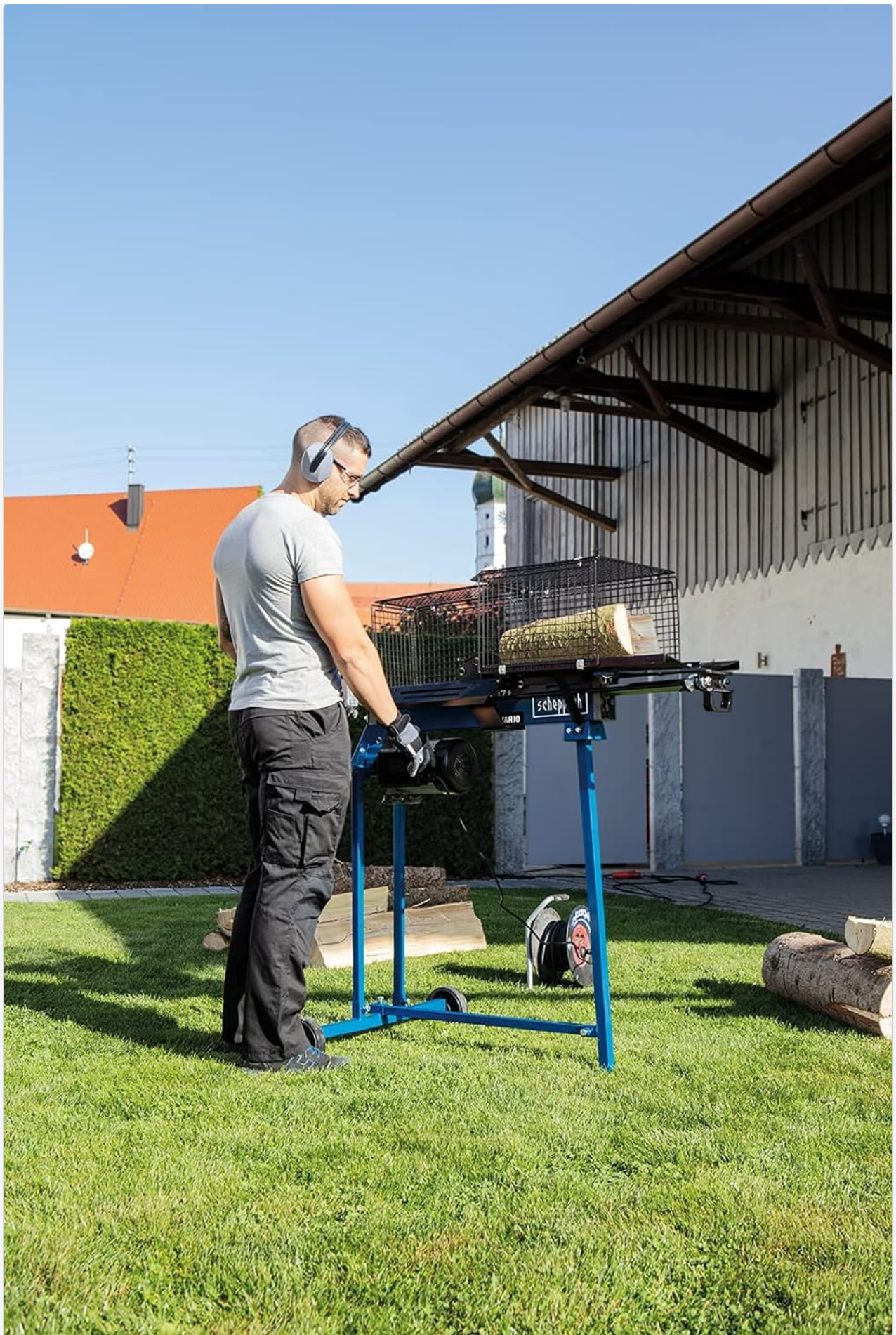
4. SETUP

The Scheppach T650 Log Splitter requires some assembly before first use. Refer to the included assembly diagrams and instructions for detailed steps. Ensure all components are securely fastened.

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Chassis Assembly:** Attach the legs and wheels to the main frame as per the diagrams. Ensure all bolts are tightened.
3. **Log Splitter Mounting:** Secure the log splitter unit onto the assembled chassis.
4. **Accessory Installation:** If using, attach the superstructure (log cage) and splitting plates.
5. **Hydraulic Fluid Check:** Verify the hydraulic fluid level is correct before initial operation. Refer to the maintenance section for details.
6. **Electrical Connection:** Connect the log splitter to a suitable power outlet. Ensure the power supply matches the machine's requirements.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective log splitting:



An individual is shown operating the Scheppach T650 log splitter in an outdoor setting. The user is wearing hearing protection and safety glasses, demonstrating proper safety practices while splitting logs. The log splitter is positioned on a stable surface, ready for operation.

1. **Preparation:** Ensure all safety instructions are understood and followed. Wear all required PPE.
2. **Log Placement:** Place the log firmly on the log tray against the end plate. Ensure the log is stable and will not roll during splitting. The maximum log diameter is 250 mm and maximum length is 520 mm.
3. **Two-Handed Operation:** Simultaneously engage both control levers/buttons to activate the hydraulic ram. This safety feature prevents single-handed operation.
4. **Splitting:** The wedge will advance and split the log. Maintain pressure on both controls until the log is fully split or the wedge reaches its maximum extension.
5. **Ram Retraction:** Release the control levers/buttons to retract the splitting ram.
6. **Remove Split Wood:** Carefully remove the split wood from the log tray. Be cautious of sharp edges and splinters.
7. **Repeat:** Continue the process for remaining logs.

Using Accessories:



A detailed view of the wire mesh log cage accessory, designed to contain split wood and enhance safety during operation. This cage can be attached to the log splitter to manage split logs effectively.



Close-up of the metal splitting plates, which are additional components used to support and guide logs during the splitting process, particularly useful for longer or irregularly shaped pieces.

The log cage and splitting plates can be installed to improve efficiency and safety, especially when handling multiple logs or longer pieces. Ensure they are securely attached before use.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your log splitter.

- **Cleaning:** After each use, clean the machine of wood chips, sawdust, and debris.
- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. Top up or replace as recommended in the full service manual. Use only specified hydraulic fluid.
- **Lubrication:** Lubricate moving parts, such as the ram slide, as per the manufacturer's guidelines.
- **Inspections:** Regularly inspect all bolts, nuts, and fasteners for tightness. Check for any signs of wear or damage to the wedge, log tray, and electrical cable.
- **Storage:** Store the log splitter in a dry, protected area when not in use.

7. TROUBLESHOOTING

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







Problem	Possible Cause	Solution
Motor does not start	No power supply; tripped circuit breaker; faulty switch	Check power connection; reset circuit breaker; contact service if switch is faulty.
Ram does not move or moves slowly	Low hydraulic fluid; air in hydraulic system; clogged filter; faulty pump	Check hydraulic fluid level; bleed air from system; clean/replace filter; contact service.
Insufficient splitting force	Log too large/hard; low hydraulic pressure; dull wedge	Do not exceed capacity; check hydraulic system; sharpen or replace wedge.
Oil leakage	Loose fittings; damaged seals/hoses	Tighten fittings; replace damaged seals/hoses. Contact service if necessary.

8. SPECIFICATIONS

- **Brand:** Scheppach
- **Model:** T650
- **Splitting Power:** 6.5 Tons
- **Maximum Power:** 2.2 kW
- **Maximum Splitting Diameter:** 250 mm
- **Maximum Splitting Length:** 520 mm
- **Dimensions (L x W x D):** 950 x 270 x 500 cm (Note: This dimension seems unusually large for a log splitter. Please refer to product packaging or official Scheppach documentation for precise measurements.)
- **Weight:** Approximately 45 kg (150.9 pounds)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Scheppach website. If you require technical assistance, spare parts, or have questions not covered in this manual, please contact Scheppach customer support or an authorized service center. Keep your proof of purchase for warranty claims.

	<p>Scheppach HL810 Log Splitter User Manual</p> <p>Comprehensive user manual for the Scheppach HL810 log splitter, detailing assembly, operation, safety precautions, and maintenance. Includes technical specifications and troubleshooting.</p>
	<p>scheppach HL650 Hydraulischer Holzsplitter – Bedienungsanleitung und Sicherheitshinweise</p> <p>Entdecken Sie die Bedienungsanleitung für den scheppach HL650 Hydraulischen Holzsplitter. Dieses Dokument bietet detaillierte Informationen zur sicheren Montage, Bedienung und Wartung, um eine optimale Leistung und Langlebigkeit Ihres Geräts zu gewährleisten. Erfahren Sie mehr über die Handhabung und die wichtigsten Sicherheitshinweise für den scheppach HL650.</p>
	<p>scheppach HL1050 Holzsplitter Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den scheppach HL1050 Holzsplitter. Enthält Informationen zu Montage, sicherer Bedienung, Wartung und technischen Daten für effiziente Holzaufbereitung.</p>
	<p>scheppach HL805 Holzsplitter Bedienungsanleitung</p> <p>Bedienungsanleitung für den scheppach HL805 Holzsplitter, mit Anleitungen zur sicheren Verwendung, Montage, Wartung und Fehlerbehebung.</p>
	<p>scheppach HL850 Holzsplitter: Hydraulischer Holzsplitter für Brennholz</p> <p>Die scheppach HL850 ist ein leistungsstarker hydraulischer Holzsplitter, konzipiert für das effiziente Zerkleinern von Brennholz. Dieses Handbuch bietet umfassende Anleitungen zu Montage, Betrieb, Wartung und Sicherheitshinweisen für den sicheren und bestimmungsgemäßen Gebrauch des Holzsplitters.</p>
	<p>Scheppach HL815 Holzsplitter Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Scheppach HL815 Holzsplitter. Enthält Sicherheitshinweise, Montageanleitungen, technische Daten und Wartungsempfehlungen für einen sicheren und effizienten Betrieb. Unterstützt mehrere Sprachen.</p>