

Scheppach Compact 8t 400V + HS720

Scheppach Holzspalter Compact 8t 400V + HS720 User Manual

BRAND: SCHEPPACH

Introduction and Safety Information

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Scheppach Holzspalter Compact 8t 400V and HS720 combination. Please read this manual thoroughly before initial operation to ensure proper use and to prevent personal injury or damage to the equipment.

General Safety Warnings:

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Ensure the work area is clear of bystanders, especially children and pets.
- Operate the machine on a firm, level surface.
- Disconnect power before performing any maintenance, cleaning, or adjustments.
- Never operate the machine under the influence of alcohol, drugs, or medication that may impair judgment.
- Familiarize yourself with all controls and emergency stop procedures.



Image: The Scheppach Holzspalter Compact 8t log splitter and the HS720 circular saw, shown together. The log splitter is blue and black with wheels, designed for vertical log splitting. The circular saw is blue and white, also with wheels, featuring a large blade guard.

Setup

Proper setup is crucial for safe and effective operation. Follow these steps carefully:

1. **Unpacking and Inspection:** Carefully remove all components from the packaging. Inspect for any shipping damage. Report any damage immediately to your supplier. Ensure all parts listed in the packing list are present.
2. **Assembly (Log Splitter):** Attach the log support arms and handles securely. Ensure all bolts and fasteners are tightened according to the assembly diagram (refer to separate assembly guide if provided). The log splitter is designed for vertical operation.



Image: The Scheppach log splitter with a large, vertically positioned log ready for splitting. The machine is blue and black, featuring a sturdy base and log support arms.

3. **Assembly (Circular Saw HS720):** Assemble the saw table and log cradle. Ensure the saw blade is correctly installed and secured. Verify all safety guards are in place and functional. The HS720 is designed for cutting firewood.



Image: The Scheppach HS720 circular saw, blue and white, with several split logs resting in its cutting cradle. The "Made in Germany" label is visible on the side.

4. **Electrical Connection (400V):** Both machines require a 400V three-phase power supply. Ensure your electrical outlet matches the machine's requirements and that the circuit is adequately protected. Use only approved extension cords suitable for outdoor use and the machine's power rating. Consult a qualified electrician if unsure.
5. **Pre-Operation Checks:** Before each use, check all hydraulic fluid levels (for log splitter), ensure all moving parts are free of obstructions, and verify that all safety devices (e.g., two-hand operation controls, blade guards) are functioning correctly.

Operating Instructions

Follow these guidelines for safe and effective operation of your Scheppach equipment.

Log Splitter Operation:

- **Log Preparation:** Only split logs that are free of nails, wire, or other foreign objects. Ensure logs are cut to a length suitable for the splitter's capacity.
- **Positioning the Log:** Place the log vertically on the splitting plate, ensuring it is stable and centered under the splitting wedge.
- **Two-Hand Operation:** The log splitter is equipped with a two-hand control system for safety. Both control levers must be engaged simultaneously to activate the splitting wedge. Release one or both levers to stop the wedge.

- **Splitting Process:** Slowly lower the wedge onto the log. If the log does not split completely on the first pass, rotate it 90 degrees and attempt to split again. Never force the machine.
- **Clearing Jams:** If a log becomes jammed, retract the wedge fully. Do not attempt to free a jammed log while the wedge is extended.



Image: A person wearing safety glasses and gloves is operating the Scheppach log splitter. They are holding the two control levers, guiding a log into position for splitting. The machine is connected to a power source.

Circular Saw HS720 Operation:

- **Log Placement:** Place the log securely in the V-shaped cradle. Ensure the log is stable and will not shift during cutting.
- **Blade Guard:** Always ensure the blade guard is properly positioned before starting the saw. It should automatically retract as the log is pushed into the blade.
- **Cutting Action:** With the saw running at full speed, slowly and steadily push the log cradle towards the rotating blade. Allow the blade to do the work; do not apply excessive force.
- **Clearing Cut Wood:** Once a piece is cut, allow it to fall clear of the blade before retracting the cradle. Never reach into the blade area while the saw is running.

- **Blade Sharpness:** A dull blade can cause kickback and reduce efficiency. Replace or sharpen the blade as needed.



Image: A person wearing hearing protection and safety glasses is operating the Scheppach HS720 circular saw. They are feeding a log into the saw's cradle for cutting. The saw is blue and white, positioned outdoors on grass.

Maintenance

Regular maintenance ensures the longevity and safe operation of your equipment.

- **Cleaning:** After each use, clean both machines thoroughly. Remove wood chips, sawdust, and debris from all surfaces, especially around moving parts, motors, and ventilation openings. Use a brush or compressed air.
- **Hydraulic Fluid (Log Splitter):** Check the hydraulic fluid level regularly. Top up with recommended hydraulic oil if necessary. Refer to the machine's label for the correct fluid type.
- **Blade and Wedge Inspection:** Regularly inspect the splitting wedge and saw blade for sharpness, cracks, or damage. A dull or damaged blade/wedge can be dangerous and inefficient. Replace or sharpen as needed.
- **Lubrication:** Lubricate all pivot points and moving parts as indicated in the machine's specific lubrication schedule (refer to separate detailed manual if available).
- **Electrical Components:** Periodically inspect the power cord, plug, and all electrical connections for damage. Do not use the machine if any electrical components are frayed or damaged.
- **Storage:** Store the machines in a dry, secure location, protected from weather and unauthorized access.

Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, contact qualified service personnel.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Machine does not start.	No power supply; Emergency stop engaged; Thermal overload tripped.	Check power connection and circuit breaker; Release emergency stop button; Allow motor to cool down and reset.
Log splitter wedge not moving or weak.	Low hydraulic fluid; Air in hydraulic system; Damaged pump/valve.	Check and top up hydraulic fluid; Bleed air from system (refer to detailed manual); Contact service for pump/valve issues.
Circular saw blade not cutting efficiently.	Dull or damaged blade; Incorrect blade installation.	Replace or sharpen blade; Ensure blade is installed correctly and tightened.
Excessive vibration or noise.	Loose fasteners; Worn bearings; Unbalanced blade/wedge.	Check and tighten all fasteners; Inspect bearings for wear; Check blade/wedge for damage or imbalance.

Specifications

Key technical specifications for the Scheppach Holzspalter Compact 8t 400V and HS720:

- **Brand:** Scheppach
- **Model:** Compact 8t 400V (Log Splitter) + HS720 (Circular Saw)
- **Power Supply:** 400V (Three-phase)
- **Log Splitter Splitting Force:** 8 tons (Compact 8t)
- **Circular Saw Blade Diameter:** 700 mm (HS720)
- **Combined Item Weight:** Approximately 252 Kilograms
- **ASIN:** B0B4X2CPD6
- **First Available:** June 24, 2022

Warranty and Support

Information regarding product warranty and customer support details is not available in the provided data. Please refer to the product packaging, purchase documentation, or the official Scheppach website for specific warranty terms and contact information for technical support and service.

For further assistance, you may visit the official Scheppach store on Amazon:[Scheppach Store](#)

