

Scheppach SC-HS410

Scheppach Tilting Saw 405mm HS410 230V Instruction Manual

Model: SC-HS410 | Brand: Scheppach

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Scheppach Tilting Saw 405mm HS410 230V. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

The Scheppach HS410 is a robust log saw designed for cutting firewood. Its heavy-duty steel construction and powerful 2200-watt motor ensure reliable performance for processing both softwood and hardwood.

2. SAFETY INSTRUCTIONS

Your safety is paramount. Always adhere to the following safety guidelines when operating the tilting saw:

- **Personal Protective Equipment (PPE):** Always wear appropriate safety glasses, hearing protection, and sturdy work gloves. Avoid loose clothing or jewelry that could get caught in moving parts.
- **Work Area:** Ensure your work area is clean, well-lit, and free from obstructions. Keep children and bystanders at a safe distance.
- **Machine Stability:** Always operate the saw on a firm, level surface to prevent tipping.
- **Power Connection:** Ensure the power supply matches the machine's specifications (230V AC). Use only approved extension cords in good condition.
- **Blade Safety:** Never attempt to remove jammed material or adjust the blade while the saw is running. Always disconnect power before performing any maintenance or adjustments. The saw features a patented protective flap for enhanced safety during operation.
- **Material Handling:** Only cut wood within the specified dimensions (30-140 mm diameter, 300-1000 mm length). Secure the workpiece firmly in the log cradle before cutting.
- **Maintenance:** Regularly inspect the saw for damage, loose parts, or worn components. Do not operate a damaged machine.

3. COMPONENTS AND ASSEMBLY

The Scheppach HS410 tilting saw requires assembly. Refer to the detailed assembly instructions provided with your product for step-by-step guidance. Key components include:

- Main Frame and Stand
- Motor Unit
- Saw Blade (405 mm diameter)
- Log Cradle / Rocker with Patented Protective Flap
- Longitudinal Stop
- Rocker Extension



Figure 3.1: Overall view of the Scheppach Tilting Saw HS410.

Der angebrachte Anschlag dient zur Bestimmung der Schnittlänge.



Figure 3.2: The integrated longitudinal stop assists in setting the precise cutting length for logs.

Die patentierte Schutzklappe ermöglicht ein sicheres und komfortables Arbeiten an der HS410.



Figure 3.3: The patented protective flap ensures safe and comfortable operation of the HS410.

Die Wippenverlängerung ist ideal für lange Werkstücke, dadurch werden diese perfekt abgestützt.



Figure 3.4: The rocker extension is ideal for supporting longer workpieces, ensuring stability during cutting.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your tilting saw:

1. **Preparation:** Ensure the saw is on a stable surface and connected to a suitable power supply. Verify all safety guards are in place and functional.
2. **Workpiece Placement:** Place the log securely into the log cradle. The saw is designed to handle wood lengths from 300 mm to 1000 mm and diameters from 30 mm to 140 mm. Use the longitudinal stop to set the desired cutting length.
3. **Cutting:** With the log firmly in place, gently tilt the cradle downwards, allowing the saw blade to cut through the wood. Apply steady, even pressure. Do not force the cut.
4. **Completion:** Once the cut is complete, allow the cradle to return to its upright position. Remove the cut piece and prepare for the next cut.

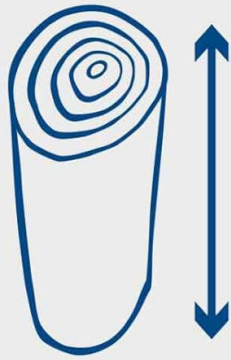


Figure 4.1: Operator demonstrating proper stance and use of the tilting saw for cutting logs.



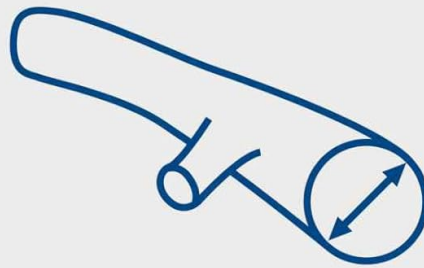
Figure 4.2: A closer look at the operator feeding a log into the saw's cradle for cutting.

Schnittlänge



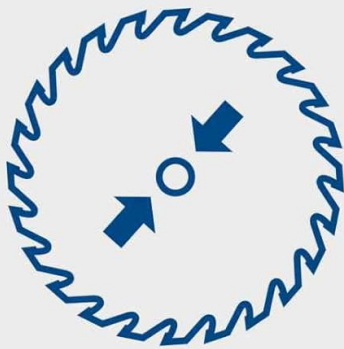
300 – 1000 mm

Schnittdurchmesser



max. 140 mm

Sägeblattdurchmesser



405 mm

Drehzahl 2800 min⁻¹

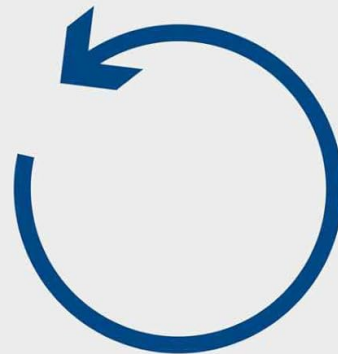


Figure 4.3: Visual guide to the saw's cutting capacities: 300-1000 mm length, max 140 mm diameter, 405 mm blade diameter, and 2800 RPM.

Mit der HS410 lässt sich sowohl Weich- als auch Hartholz optimal bearbeiten.



Figure 4.4: The HS410 is capable of optimally processing both softwood and hardwood.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Scheppach Tilting Saw:

- **Cleaning:** After each use, disconnect the power and clean the saw, especially around the blade and motor ventilation slots, to remove sawdust and debris. Use a brush or compressed air.
- **Blade Inspection:** Regularly check the saw blade for sharpness, damage, or missing teeth. A dull or damaged blade can lead to kickback and inefficient cutting. Replace the blade if necessary.
- **Fasteners:** Periodically check all nuts, bolts, and screws for tightness. Tighten any loose fasteners.
- **Motor Ventilation:** Ensure the motor's ventilation openings are clear to prevent overheating.
- **Storage:** Store the saw in a dry, secure location, away from moisture and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your tilting saw, refer to the following common troubleshooting tips:

- **Saw Does Not Start:** Check the power connection, circuit breaker, and ensure the on/off switch is

functioning correctly.

- **Reduced Cutting Performance:** The saw blade may be dull or damaged. Replace the blade. Ensure the wood is within the specified diameter range.
- **Excessive Vibration or Noise:** Check for loose components, a damaged blade, or an unbalanced workpiece. Disconnect power and inspect thoroughly.
- **Motor Overheating:** Ensure the motor ventilation slots are clear. Avoid continuous heavy-duty operation without breaks.

For issues not resolved by these steps, contact customer support.

7. TECHNICAL SPECIFICATIONS






| Specification | Value |
|--------------------------------|----------------------------|
| Brand | Scheppach |
| Model Number | SC-HS410 |
| Power Source | Corded Electric |
| Voltage | 230 Volts (AC) |
| Wattage | 2200 watts |
| Saw Blade Diameter | 405 mm |
| Speed | 2800 RPM |
| Max Wood Length | 1000 mm |
| Max Wood Diameter | 140 mm |
| Item Weight | 43 Kilograms (94.6 pounds) |
| Product Dimensions (L x W x H) | 41.18" x 39.45" x 29.02" |
| Blade Material | High Speed Steel |
| Number of Teeth | 80 |
| Specification Met | CE |

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Scheppach website. Scheppach offers various protection plans for extended coverage.

If you require technical assistance, spare parts, or have questions not covered in this manual, please contact Scheppach customer support. You can typically find contact details on the manufacturer's website or through your retailer.

Related Documents - SC-HS410

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|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>INFINITI I35 Starting and Charging System Service Manual</p> <p>A comprehensive service manual for the INFINITI I35, detailing the starting and charging systems. It covers battery handling, starting system diagnostics, charging system troubleshooting, component construction, removal/installation procedures, and service data specifications.</p> |
|  | <p>Nissan/Infiniti Starting and Charging System Service Manual (VK45DE, VQ35DE)</p> <p>Comprehensive service manual detailing the starting and charging systems for Nissan/Infiniti vehicles with VK45DE and VQ35DE engines. Includes diagnostics, troubleshooting, removal, installation, and specifications for battery, starter, and alternator.</p> |
|  | <p>SOUNDCART SC-PSC Production Sound Cart Assembly and Specifications</p> <p>Comprehensive guide to assembling the SOUNDCART SC-PSC Production Sound Cart, including parts list, assembly steps, specifications, maintenance, and optional accessories.</p> |
|  | <p>Comunello CONDOR 220/350/ONE: Installation and User Manual for Swing Gate Automation</p> <p>This manual provides comprehensive installation, operation, and maintenance guidelines for the Comunello CONDOR series of swing gate automation systems, including models 220, 350, and ONE. It covers product features, technical specifications, safety procedures, and electrical connections.</p> |
|  | <p>- Samsung Refrigerator Manual</p> |

EPSON

SC-P8500DM Series / SC-P8500D Series /
SC-P6500D Series / SC-P6500DE Series /
SC-P6500E Series
SC-T7700DM Series / SC-T5700DM Series /
SC-T3700DM Series / SC-T3700D Series /
SC-T3700E Series / SC-T3700DE Series /
SC-T3700E Series
SC-P8500DL Series / SC-T7700DL Series

User's Guide

Epson SC-P and SC-T Series User's Guide

Comprehensive user's guide for Epson SC-P8500DM, SC-P8500D, SC-P6500D, SC-P6500DE, SC-P6500E, SC-T7700DM, SC-T5700DM, SC-T7700D, SC-T5700D, SC-T3700D, SC-T3700DE, SC-T3700E, SC-P8500DL, and SC-T7700DL series printers. Covers setup, operations, software, network, maintenance, troubleshooting, and advanced printing features.