

Scheppach 5903205903

Scheppach TIGER5000S Wet Grinding System with Homekit

Model: 5903205903

INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Scheppach TIGER5000S Wet Grinding System with Homekit. Please read this manual thoroughly before initial use to ensure proper handling and to achieve optimal sharpening results.

SETUP

1. Unpacking and Component Check

Carefully remove all components from the packaging. Verify that all parts are present and undamaged. The package should include:

- Scheppach TIGER5000S Wet Grinding System unit
- Corundum grinding stone (200mm diameter)
- Leather honing wheel
- Polishing paste
- Angle gauge
- Universal device 70
- Homekit (sharpening devices 40 and 60)



Image: The Scheppach TIGER5000S Wet Grinding System shown with its main unit, grinding stone, leather wheel, and various sharpening accessories including the angle gauge, polishing paste, and universal device.

2. Filling the Water Tank

The TIGER5000S features a large, unbreakable water tank essential for cooling the grinding stone and preventing overheating of the workpiece. Fill the tank with clean water before operation. Ensure the water level is sufficient to keep the grinding stone wet during use.

Bruchsicherer Wassertank verhindert
Ausglühen der Schneide.



Image: A hand pouring water into the integrated water tank of the grinding system, demonstrating the cooling mechanism for the grinding stone.

3. Power Connection

Connect the power cable to a standard 230 Volt AC outlet. Ensure the power switch is in the 'off' position before plugging in the unit.

OPERATING INSTRUCTIONS

1. General Operation

The Scheppach TIGER5000S is equipped with a powerful 150W induction motor, driving a 200mm diameter corundum grinding stone (220 grit) and a 200x30mm leather honing wheel at a speed of 115 revolutions per minute. This combination ensures precise and efficient sharpening.

2. Using the Angle Gauge

The included angle gauge is crucial for setting the correct sharpening angle for your tools. Proper angle setting ensures optimal sharpness and extends tool life. Place the tool in the appropriate sharpening device and use the angle gauge to verify the angle against the grinding stone.

ANWENDUNG MIT INKLUSIVEM ZUBEHÖR



Universalvorrichtung geeignet für viele gerade Standardwerkzeuge.



Die Abziehpaste dient zur Politur des Werkstücks.



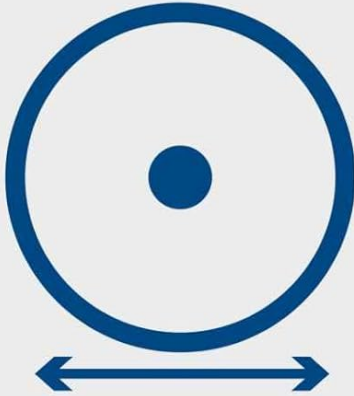
Die Winkellehre ermöglicht das schnelle Einstellen des erforderlichen Schleifwinkels.

Image: A user demonstrating how to use the angle gauge to quickly and accurately set the required sharpening angle for a tool on the grinding system.

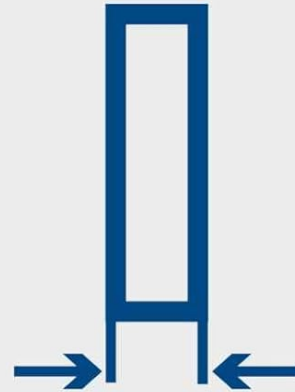
3. Sharpening with Universal Device 70 and Homekit

The universal device 70 is suitable for sharpening many straight standard tools. The Homekit includes specific sharpening devices (40 and 60) designed for various stone sharpening applications. Secure your tool firmly in the chosen device before grinding.

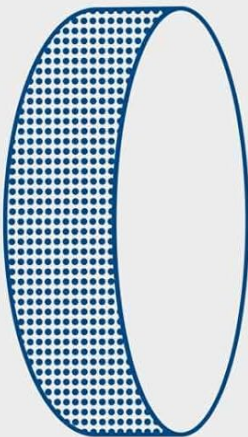
**200 mm
Edelkorund-Schleifstein**



**40 mm Edelkorund -
Schleifsteinbreite**



Schleifsteinkörnung - 220 K



**Schleifsteinaufnahme:
12 mm**

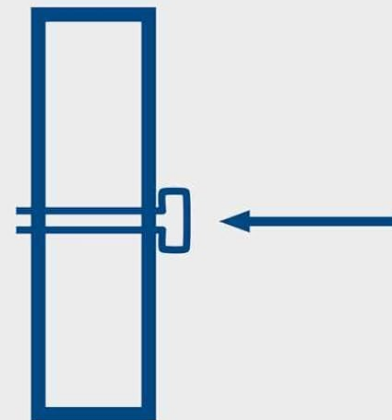
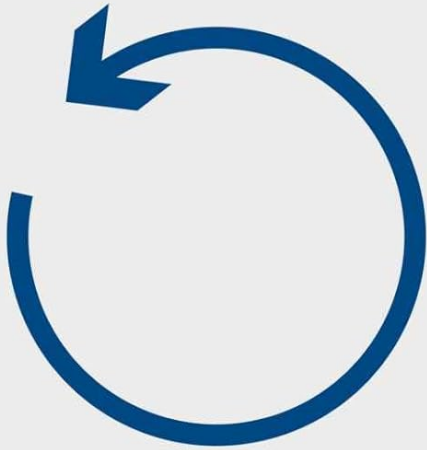


Image: The universal device attached to the grinding system, ready for sharpening various straight tools.

4. Honing with the Leather Wheel and Polishing Paste

After grinding, use the removable leather honing wheel to remove any burrs and achieve a perfectly polished edge. Apply a small amount of the included polishing paste to the leather wheel for best results. This step refines the edge and enhances sharpness.

Drehzahl 115/min



**Lederabziehscheibe
200 x 30 mm**



Image: A user applying polishing paste to the leather honing wheel, which is used for polishing the workpiece after grinding.

Die Lederscheibe beseitigt den Grat und sorgt somit für eine perfekte Schärfe.



Image: The leather wheel effectively removes burrs, ensuring a perfect sharpness for the tool.

5. Application Examples

The Scheppach TIGER5000S is versatile and suitable for sharpening a wide range of tools, including:

- Woodturning tools
- Scissors
- Axes (up to 170 mm head length)
- Knives (with blade lengths from 40 mm to 100 mm)



ANWENDUNGSBEISPIELE

GEEIGNET FÜR

Drehselwerkzeug



Scheren



Äxte



Messer



Image: Examples of applications for the grinding system, including woodturning tools, scissors, axes, and knives.

ANWENDUNG MIT INKLUSIVEM ZUBEHÖR



Schleift Äxte bis 170 mm Kopflänge.



Erhöht die Körnung für besonders feine Schliffe; die andere Seite ist perfekt für einen hohen Materialabtrag.



Für Messer mit einer Klingenlänge von 40 mm bis 100 mm geeignet.

Image: The system can sharpen axes with a head length of up to 170 mm.

ANWENDUNG MIT OPTIONALEM ZUBEHÖR (NICHT ENTHALTEN)



Image: Suitable for knives with a blade length ranging from 40 mm to 100 mm.

MAINTENANCE

1. Cleaning

Regularly clean the machine after use. Wipe down the exterior with a damp cloth. Ensure no grinding residue accumulates in the water tank or around the grinding stone.

2. Grinding Stone Care

Over time, the grinding stone may become uneven. Use a flattening stone (if available or recommended by Scheppach) to re-true the grinding stone surface, ensuring consistent sharpening results.

3. Water Tank Maintenance

Empty and clean the water tank regularly to prevent algae growth and accumulation of grinding particles. Use clean water for each sharpening session.

TROUBLESHOOTING

If you encounter issues with your Scheppach TIGER5000S, consider the following common solutions:

- **Machine not starting:** Check if the power cable is securely plugged into a working outlet. Ensure the power switch is in the 'on' position.
- **Grinding stone not running true:** Ensure the grinding stone is properly secured and tightened. If it still wobbles, the stone may need to be re-trued using a flattening stone.
- **Poor sharpening results:** Verify that the correct sharpening angle is set using the angle gauge. Ensure the grinding stone is sufficiently wet and clean. The tool might require more passes or a different sharpening technique.
- **Excessive burr:** Ensure you are using the leather honing wheel with polishing paste after grinding to remove burrs effectively.

For persistent issues not covered here, please contact Scheppach customer support.

SPECIFICATIONS

Manufacturer	Scheppach
Model Number	5903205903
Product Dimensions (L x W x H)	29 x 33 x 27 cm
Weight	8.9 Kilograms
Color	Blue
Style	Tiger 5000s with Homekit
Material	Alloy Steel (machine body), Aluminum (handle/lever)
Power Type	Corded Electric
Voltage	230 Volts (AC)
Power	150 Watts
Grinding Stone Diameter	200 mm
Grinding Stone Grit	220 (Super fine)
Leather Honing Wheel Dimensions	200 x 30 mm
Rotational Speed	115 rpm
Included Components	Wet Grinding System Tiger 5000s with HomeKit

WARRANTY AND SUPPORT

For information regarding warranty coverage, spare parts availability, or technical support, please refer to the documentation provided with your purchase or visit the official Scheppach website. Information on spare parts availability for this product is currently unavailable through general product specifications.

For direct assistance, you may contact Scheppach customer service through their official channels.

Related Documents - 5903205903

 <p>TIGER 2000S</p>	<p>Scheppach TIGER 2000S Wet Grinding System Manual</p> <p>User manual for the Scheppach TIGER 2000S wet grinding system, providing instructions on operation, maintenance, and safety.</p>
 <p>Tiger 2500</p>	<p>Scheppach Tiger 2500 Wet Grinding Machine User Manual</p> <p>Comprehensive user manual for the Scheppach Tiger 2500 wet grinding machine, covering setup, operation, safety instructions, and maintenance. Includes specifications, diagrams, and troubleshooting information.</p>
 <p>Tiger 5000s Tiger 7000s</p>	<p>Scheppach Tiger 5000s / 7000s Nass-Schleifsystem Bedienungsanleitung</p> <p>Offizielle Bedienungsanleitung für das Scheppach Tiger 5000s und Tiger 7000s Nass-Schleifsystem. Enthält detaillierte Informationen zur Installation, Bedienung, Wartung und Sicherheit für präzises Werkzeugschärfen.</p>
 <p>TIGER 2500</p>	<p>Scheppach TIGER 2500 Nassschleifmaschine Bedienungsanleitung</p> <p>Bedienungsanleitung für die Scheppach TIGER 2500 Nassschleifmaschine. Enthält Anleitungen zur Montage, Bedienung, Wartung und Sicherheit für professionelle und Heimwerker-Anwendungen.</p>
 <p>MRS1300</p>	<p>Scheppach MRS1300: Der vielseitige Renovierungsschleifer</p> <p>Entdecken Sie den Scheppach MRS1300, einen leistungsstarken Universal-Renovierungsschleifer für Metall, Kunststoff und Holz. Ideal für Schleif-, Polier- und Reinigungsarbeiten.</p>



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[Scheppach TIGER 2000S Wet Grinding Machine Manual](#)

Comprehensive user manual for the Scheppach TIGER 2000S wet grinding machine, covering setup, operation, safety instructions, and maintenance. Includes technical specifications and troubleshooting tips.