

Scheppach TIGER 2000S

Scheppach TIGER 2000S Wet Grinding Stone Instruction Manual

Model: TIGER 2000S | Part Number: 89490715

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Scheppach TIGER 2000S Wet Grinding Stone. This grinding stone is designed as a replacement accessory for Scheppach TIGER 2000 and TIGER 2500 wet grinding systems. It is a professional-grade accessory intended for sharpening various metal tools and objects under wet conditions.

Please read this manual thoroughly before installation and operation to ensure proper handling and to prevent damage or injury. Keep this manual in a safe place for future reference.

2. PRODUCT OVERVIEW

The Scheppach TIGER 2000S is a high-quality wet grinding stone, specifically engineered for precision sharpening. Its robust construction and K220 grit ensure efficient material removal and a fine finish for various applications.



Figure 1: Scheppach TIGER 2000S Wet Grinding Stone. This image shows the circular grinding stone with a central mounting hole, featuring the Scheppach brand and model information printed on its surface.

Key Features:

- Designed for Scheppach TIGER wet grinding systems (TIGER 2000/2500).
- K220 grit for effective sharpening and a smooth finish.
- Suitable for wet operation, which helps prevent overheating and preserves tool temper.
- Ideal for sharpening metal tools, including those made of cast iron.

3. SAFETY INFORMATION

Always observe the following safety precautions when handling and operating the grinding stone and the associated wet grinding system:

- Read and understand the instruction manual for your Scheppach TIGER wet grinding system before installing or using this grinding stone.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, to protect against flying debris and sharp edges.
- Ensure the grinding stone is correctly and securely mounted on the grinding system before operation.
- Never operate the grinding stone dry. Always ensure adequate water supply for wet grinding to prevent overheating and damage to the stone and workpiece.
- Keep hands and fingers clear of the rotating grinding stone during operation.
- Inspect the grinding stone for cracks or damage before each use. Do not use a damaged grinding stone.
- Keep children and bystanders away from the work area.
- Disconnect the power supply to the grinding system before performing any maintenance or changing

the grinding stone.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the TIGER 2000S Wet Grinding Stone onto a compatible Scheppach TIGER wet grinding system. Refer to your specific grinding system's manual for detailed instructions.

1. **Preparation:** Ensure the wet grinding system is unplugged from the power source. Clear the work area and gather any necessary tools for installation.
2. **Remove Old Stone (if applicable):** If replacing an existing stone, carefully remove it according to your grinding system's instructions. Dispose of worn or damaged stones responsibly.
3. **Inspect New Stone:** Before installation, visually inspect the new TIGER 2000S grinding stone for any signs of damage, such as cracks or chips. A damaged stone must not be used.
4. **Mounting:** Carefully slide the TIGER 2000S grinding stone onto the spindle of your Scheppach TIGER wet grinding system. Ensure it sits flush and is centered.
5. **Secure the Stone:** Use the retaining nut and washer (provided with your grinding system) to secure the grinding stone firmly. Do not overtighten, but ensure it is snug enough to prevent slippage during operation.
6. **Water Reservoir:** Fill the water reservoir of your grinding system with clean water to the recommended level. The grinding stone must be partially submerged in water during operation.

5. OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe sharpening with your Scheppach TIGER 2000S Wet Grinding Stone:

1. **Power On:** Plug in your Scheppach TIGER wet grinding system and turn it on. Allow the grinding stone to reach its operating speed.
2. **Maintain Water Level:** Ensure the grinding stone remains wet throughout the sharpening process. The water acts as a coolant and lubricant, preventing overheating and carrying away grinding swarf.
3. **Tool Placement:** Position the tool to be sharpened against the rotating grinding stone at the desired angle. Use the tool supports and jigs provided with your grinding system for consistent and accurate angles.
4. **Gentle Pressure:** Apply light, consistent pressure. Excessive pressure can lead to overheating, uneven wear of the stone, and damage to the tool.
5. **Sharpening Technique:** Move the tool smoothly across the surface of the grinding stone, ensuring even wear. For most tools, sharpen until a burr forms on the opposite edge, then remove the burr using a honing wheel or strop.
6. **Check Sharpness:** Periodically check the sharpness of your tool. Stop grinding once the desired edge is achieved.
7. **Power Off:** After sharpening, turn off the grinding system and unplug it from the power source.

Note: The TIGER 2000S is suitable for sharpening metal tools, including those made of cast iron. It is not designed for concrete, asphalt, hard rock, bricks, limestone, ceramic, refractory bricks, or tiles.

6. MAINTENANCE AND CARE

Proper maintenance extends the life of your grinding stone and ensures optimal performance:

- **Cleaning:** After each use, clean the grinding stone to remove any accumulated metal particles or grinding residue. A stiff brush and clean water can be used.
- **Dressing the Stone:** Over time, the grinding stone may become uneven or glazed. Use a dressing tool (typically supplied with your grinding system) to re-true and refresh the surface of the stone. This restores its cutting efficiency.
- **Storage:** Store the grinding stone in a dry place to prevent moisture damage or freezing, which can cause cracks.
- **Inspection:** Regularly inspect the grinding stone for wear, cracks, or chips. Replace the stone if it shows significant damage or wear that affects its performance or safety.

7. TROUBLESHOOTING

This section addresses common issues you might encounter:

- **Issue: Grinding stone not sharpening effectively.**
 - **Solution:** Check if the stone is glazed or uneven. Dress the stone to expose fresh abrasive particles. Ensure sufficient water is being used. Verify the correct sharpening angle for your tool.
- **Issue: Excessive vibration during operation.**
 - **Solution:** Ensure the grinding stone is securely mounted and centered on the spindle. Check for any damage to the stone itself.
- **Issue: Stone wearing down quickly or unevenly.**
 - **Solution:** Avoid applying excessive pressure during sharpening. Ensure even contact with the tool across the stone's surface. Regularly dress the stone to maintain its shape.

8. SPECIFICATIONS

Attribute	Value
Brand	Scheppach
Model Number	Wetgrind 200 (TIGER 2000S)
Part Number	89490715
Grit (Couronnement)	K220
Dimensions (L x W x H)	30 x 20 x 15 cm (product packaging)
Grinding Stone Diameter	200 mm
Grinding Stone Thickness	40 mm
Net Weight	2.56 kg
Application	Sharpening (Wet Operation)
Suitable Materials	Metal, Cast Iron Pipes

Unsuitable Materials


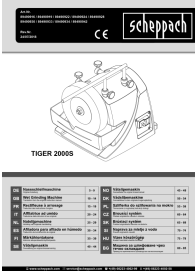

Reinforced concrete, asphalt, hard rock, bricks, limestone, ceramic, refractory bricks, concrete, tiles, washed concrete.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact your authorized Scheppach dealer or visit the official Scheppach website. Keep your purchase receipt as proof of purchase. Scheppach is committed to providing high-quality products and customer satisfaction. If you encounter any issues not covered in this manual, please seek professional assistance.

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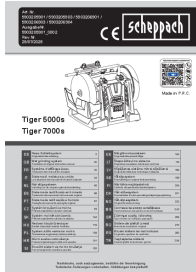
Related Documents - TIGER 2000S

	<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>Scheppach TIGER 2000S Wet Grinding Machine Manual</p> <p>Comprehensive user manual for the Scheppach TIGER 2000S wet grinding machine, covering setup, operation, safety instructions, and maintenance. Includes technical specifications and troubleshooting tips.</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>



[Scheppach TIGER 2500 Nassschleifmaschine Bedienungsanleitung](#)

Bedienungsanleitung für die Scheppach TIGER 2500 Nassschleifmaschine. Enthält Anleitungen zur Montage, Bedienung, Wartung und Sicherheit für professionelle und Heimwerker-Anwendungen.



[Scheppach Tiger 5000s / 7000s Nass-Schleifsystem Bedienungsanleitung](#)

Offizielle Bedienungsanleitung für das Scheppach Tiger 5000s und Tiger 7000s Nass-Schleifsystem. Enthält detaillierte Informationen zur Installation, Bedienung, Wartung und Sicherheit für präzises Werkzeugschärfen.



[Scheppach HSC130 Steintrenner Bedienungsanleitung](#)

Die Bedienungsanleitung für den Scheppach HSC130 Steintrenner bietet detaillierte Anweisungen zur sicheren Montage, Inbetriebnahme, Wartung und Fehlerbehebung dieses leistungsstarken Geräts für Haus und Garten.