

## Scheppach TIGER2000S

# Scheppach Tiger 2000S Wet Grinder

Instruction Manual

Model: TIGER2000S | Brand: Scheppach

### 1. INTRODUCTION

The Scheppach Tiger 2000S Wet Grinder is a precision tool designed for sharpening a wide range of cutting implements, including chisels, knives, axes, and other workshop tools. Its water-cooled corundum whetstone and leather honing wheel ensure a sharp, burr-free edge without overheating the material. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your grinder.



Image 1.1: The Scheppach Tiger 2000S Wet Grinder with its primary components and included accessories.

## 2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the machine.

### 2.1 General Safety

- Read and understand all instructions before operating the machine.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Ensure the machine is placed on a stable, level, and non-slip surface.
- Never leave the machine unattended while it is running.
- Disconnect the power plug from the socket before making any adjustments, changing accessories, or storing the machine.

### 2.2 Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.

- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.

### 3. COMPONENTS OVERVIEW

Familiarize yourself with the main parts of your Scheppach Tiger 2000S Wet Grinder:

1. **Corundum Whetstone:** The primary grinding wheel for sharpening.
2. **Leather Honing Wheel:** Used for deburring and polishing the sharpened edge.
3. **Water Tank:** Holds water to cool the whetstone and prevent overheating of tools.
4. **Universal Grinding Jig (Device 70):** An adjustable fixture for holding tools at a precise angle during sharpening.
5. **Angle Gauge:** A tool to measure and set the correct sharpening angle.
6. **Honing Paste:** Applied to the leather honing wheel for fine polishing.
7. **Power Switch:** On/Off control for the motor.



Image 3.1: Key included accessories: Universal fixture, honing compound, and angle gauge.

## 4. SETUP

### 4.1 Unpacking and Inspection

- Carefully remove all components from the packaging.
- Inspect the machine for any signs of damage during transit. Do not operate if damaged.
- Ensure all listed components are present.

### 4.2 Placement

Place the grinder on a stable, flat, and non-slip surface. Ensure there is adequate space around the machine for safe operation and to prevent water splashes from affecting other equipment.

### 4.3 Filling the Water Tank

Fill the water tank with clean water until the lower part of the corundum whetstone is submerged. The water level should be sufficient to keep the stone wet during operation, preventing heat buildup and preserving the tool's temper.

Shatterproof water tank prevents annealing of the blade.



Image 4.1: The shatterproof water tank ensures the blade remains cool during sharpening, preventing annealing.

## 5. OPERATING THE WET GRINDER

### 5.1 Basic Sharpening Principles

- Always sharpen against the direction of rotation of the grinding stone. This creates a burr on the opposite side



of the edge, which is then removed during honing.

- Maintain a consistent angle throughout the sharpening process.
- Apply light, even pressure. Excessive pressure can damage the tool or the grinding stone.

## 5.2 Using the Universal Grinding Jig (Device 70)

The universal grinding jig is essential for achieving precise and repeatable sharpening angles for various tools, such as chisels and plane irons.

1. Mount the tool securely in the jig.
2. Adjust the jig's position on the support bar to achieve the desired sharpening angle. Use the angle gauge for accuracy.
3. Turn on the grinder.
4. Gently bring the tool's edge into contact with the rotating whetstone, ensuring the water keeps the stone wet.
5. Move the tool smoothly from side to side across the stone to ensure even wear and a consistent edge.
6. Continue until a burr forms along the entire length of the edge.



Image 5.1: Sharpening a chisel using the universal grinding jig for precise angle control.

### 5.3 Honing with the Leather Wheel

After grinding, the leather honing wheel removes the burr and polishes the edge to razor sharpness.

1. Apply a small amount of honing paste evenly to the leather wheel.
2. With the grinder running, gently press the burr side of the tool against the rotating leather wheel.
3. Move the tool across the wheel, applying light pressure, until the burr is completely removed and the edge is polished.
4. Repeat on the other side of the edge if necessary.



Image 5.2: The leather disc removes the burr, ensuring a perfectly sharp edge.

### 5.4 Angle Gauge Usage

The angle gauge helps you set the correct grinding angle for various tools. Place the tool against the gauge to determine the existing angle or to set a new one before grinding.





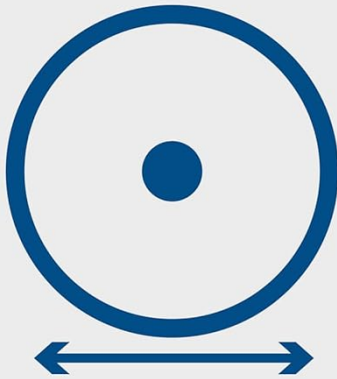
Image 5.3: The angle gauge enables quick configuration of the required grinding angle.

## 5.5 Suitable Applications

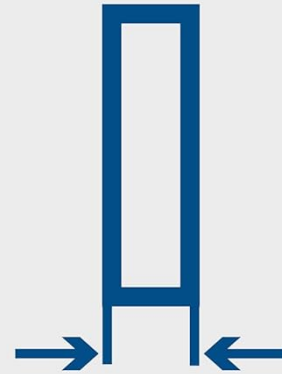
The Scheppach Tiger 2000S is versatile and suitable for sharpening a variety of tools:

- Wood turning tools
- Shears and scissors
- Axes
- Knives and blades

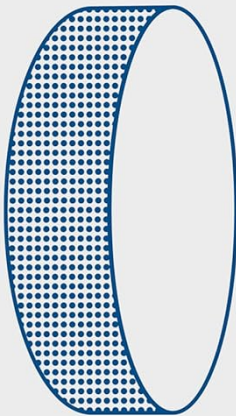
**200 mm white corundum  
grinding stone**



**40 mm white corundum  
grinding stone width**



**Grindstone grain - 220 K**



**Grindstone mounting:  
12 mm**

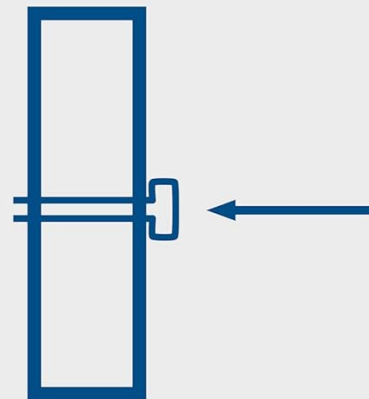


Image 5.4: Examples of tools suitable for sharpening with the Scheppach Tiger 2000S.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your wet grinder.

### 6.1 Cleaning

- After each use, empty the water tank and clean it to prevent algae growth and sediment buildup.
- Wipe down the machine with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure no water enters the motor housing.

### 6.2 Grinding Stone Care

- Over time, the grinding stone may become uneven or clogged. Use a dressing stone (not included, but recommended) to re-true and clean the surface.



- Store the machine in a dry place to prevent the stone from freezing or cracking in cold temperatures.

### 6.3 Leather Honing Wheel Care

- Periodically reapply honing paste to the leather wheel as needed.
- If the leather wheel becomes excessively worn or damaged, it may need to be replaced.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your wet grinder.

Problem	Possible Cause	Solution
Machine does not start.	No power supply; faulty switch; motor issue.	Check power connection and outlet. Ensure switch is in 'ON' position. If problem persists, contact customer support.
Grinding stone not rotating.	Motor issue; obstruction.	Disconnect power. Check for any obstructions around the stone. If clear, contact customer support.
Poor sharpening results.	Incorrect angle; worn stone; insufficient water.	Verify sharpening angle with gauge. Dress the grinding stone if uneven. Ensure water tank is adequately filled.
Excessive vibration or noise.	Unbalanced stone; loose components; motor issue.	Check if the grinding stone is properly mounted and balanced. Tighten any loose screws. If noise persists, contact customer support.

## 8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	TIGER2000S
Manufacturer	Scheppach
Power Source	Corded Electric
Voltage	240 Volts
Wattage	120 watts
Grinding Stone Diameter	200 mm
Grinding Stone Material	Corundum (Aluminium Oxide)

Feature	Specification
Grinding Stone Grit	K 220 (Medium)
Leather Honing Wheel Dimensions	200 x 30 mm
Rotation Speed	120 rpm
Product Dimensions (L x W x H)	46 x 27 x 31 cm
Item Weight	8.5 kg

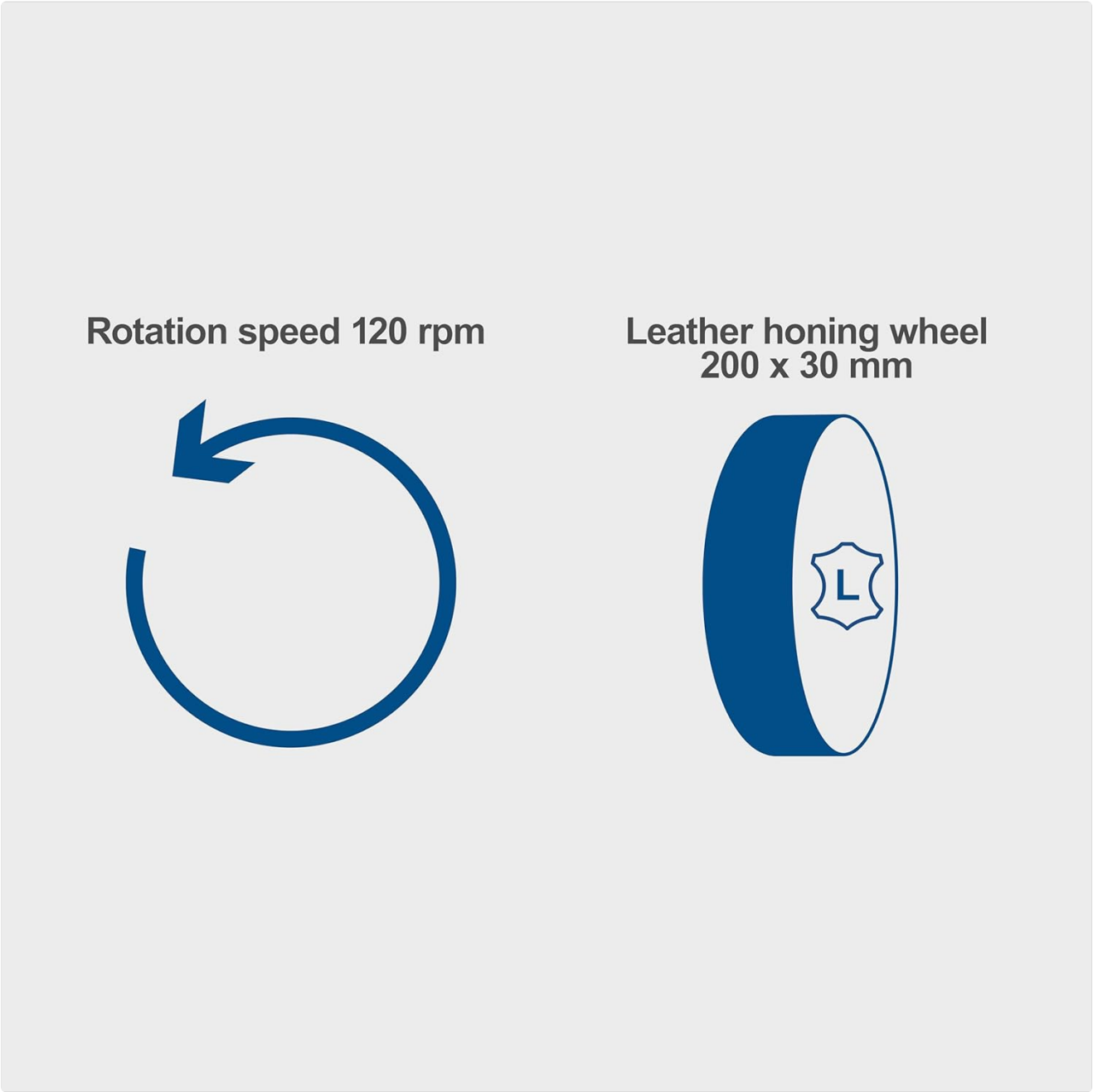
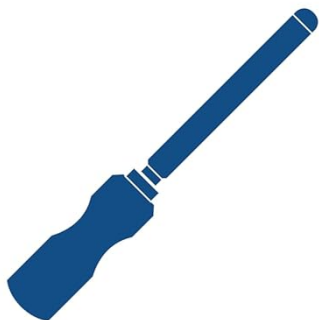


Image 8.1: Detailed specifications for the grinding stone, including dimensions and grit.



## EXAMPLES OF USE SUITABLE FOR

### Wood turning tools



### Shears



### Axes



### Blades



Image 8.2: Information on rotation speed and leather honing wheel dimensions.

## 9. WARRANTY AND SUPPORT

Scheppach products are built to high standards and come with a warranty to cover manufacturing defects.

This product includes a **2-year UK wide warranty** when registered online. Registration ensures you have access to support and service should you need it. Please refer to the official Scheppach website for warranty registration details and terms and conditions.

For technical assistance, spare parts, or warranty claims, please contact Scheppach UK customer service. Keep your proof of purchase and model number (TIGER2000S) ready when contacting support.





Image 9.1: Scheppach offers a 2-year service warranty upon online registration.

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For more information, visit [www.scheppach.com](http://www.scheppach.com)

Related Documents - TIGER2000S

	<p><a href="#">Scheppach TIGER 2000S Wet Grinding System Manual</a></p> <p>User manual for the Scheppach TIGER 2000S wet grinding system, providing instructions on operation, maintenance, and safety.</p>
	<p><a href="#">Scheppach Tiger 2500 Wet Grinding Machine User Manual</a></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><a href="#">Scheppach TIGER 2000S Wet Grinding Machine Manual</a></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><a href="#">Scheppach Tiger 5000s / 7000s Nass-Schleifsystem Bedienungsanleitung</a></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>



[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 MRS1300: Der vielseitige Renovierungsschleifer](#)  
Entdecken Sie den Scheppach MRS1300, einen leistungsstarken Universal-Renovierungsschleifer für Metall, Kunststoff und Holz. Ideal für Schleif-, Polier- und Reinigungsarbeiten.