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## Scheppach AB1600

# Scheppach AB1600 Demolition Hammer Instruction Manual

Model: AB1600

## INTRODUCTION

The Scheppach AB1600 Demolition Hammer is a powerful and robust tool designed for heavy-duty demolition tasks. With its high impact force and durable construction, it is an invaluable aid for masonry work, concrete breaking, and other demanding applications. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your AB1600 Demolition Hammer.



Figure 1: The Scheppach AB1600 Demolition Hammer, shown with the included pointed and flat chisels.

## SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the tool:

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and heavy-duty gloves when operating the demolition hammer. Steel-toed boots are also recommended.
- **Work Area:** Ensure the work area is well-lit and clear of obstructions. Keep bystanders and pets away from the operating area.
- **Electrical Safety:** Before connecting the tool to a power source, ensure the voltage matches the tool's requirements. Use a residual current device (RCD) for added protection. Do not operate in wet conditions.
- **Secure Workpiece:** Always ensure the material being worked on is stable and cannot shift unexpectedly.
- **Proper Grip:** Maintain a firm grip on the tool with both hands during operation.
- **Avoid Overreaching:** Do not overreach or lose your balance. Maintain proper footing and balance at all times.
- **Tool Condition:** Inspect the tool and accessories for damage before each use. Do not use if damaged.
- **Chisel Installation:** Ensure chisels are correctly and securely installed before starting the tool.
- **Vibration:** Prolonged use can cause vibration-related injuries. Take regular breaks and use anti-vibration gloves if available.

## PACKAGE CONTENTS

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Upon unpacking, verify that all components are present and undamaged:

- Scheppach AB1600 Demolition Hammer
- 1 x Pointed Chisel (Ø30mm hexagonal shank)
- 1 x Flat Chisel (Ø30mm hexagonal shank)
- Metal Carrying Case
- Instruction Manual



Figure 2: The Scheppach AB1600 Demolition Hammer and its accessories neatly stored within the robust metal carrying case.

## SETUP

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### Chisel Installation

1. Ensure the demolition hammer is unplugged from the power source.
2. Clean the hexagonal shank of the chisel and the tool holder to remove any dust or debris.
3. Pull back the locking sleeve on the tool holder.
4. Insert the chisel into the tool holder, rotating it slightly until it clicks into place.
5. Release the locking sleeve. Tug on the chisel to ensure it is securely locked. It should not pull out easily.



Figure 3: The demolition hammer with a pointed chisel correctly installed, ready for use.



Figure 4: A detailed view of the hexagonal tool holder, designed for quick and secure chisel changes.

## OPERATING INSTRUCTIONS

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The Scheppach AB1600 is designed for demolition work. Follow these steps for effective operation:

- 1. Preparation:** Ensure the chisel is correctly installed and the work area is clear. Wear all necessary PPE.
- 2. Power Connection:** Connect the power cable to a suitable and grounded power outlet (230V, 50Hz).
- 3. Starting the Tool:** Grip the main handle and the auxiliary D-handle firmly. Press the trigger switch to start the hammer action.
- 4. Demolition:** Apply steady, downward pressure to the tool, guiding the chisel into the material. Allow the hammer's impact force to do the work. Do not force the tool.
- 5. Chisel Selection:**
  - **Pointed Chisel:** Ideal for initial breaking, creating holes, or breaking up hard, dense materials like concrete or rock.
  - **Flat Chisel:** Suitable for breaking larger sections, channeling, or removing tiles and plaster.
- 6. Stopping the Tool:** Release the trigger switch to stop the hammer action.
- 7. Cool Down:** For prolonged use, allow the tool to cool down periodically to prevent overheating.



Figure 5: An operator demonstrating the use of the Scheppach AB1600 to break concrete, highlighting the tool's ergonomic design for effective downward force.

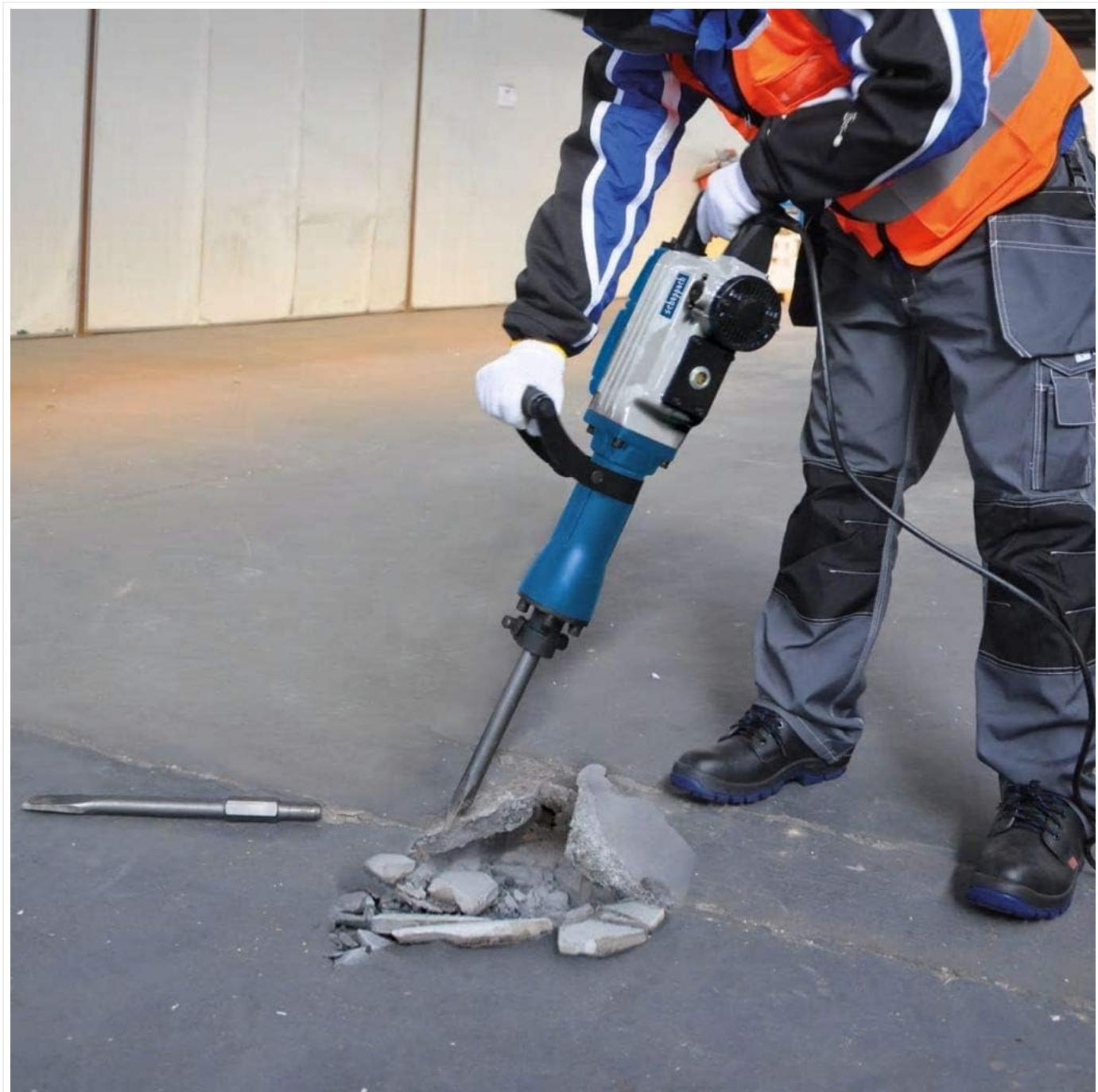


Figure 6: The demolition hammer in action, breaking up concrete on a floor, showcasing its efficiency in various demolition scenarios.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your demolition hammer.

- **Cleaning:** After each use, clean the tool thoroughly to remove dust, debris, and concrete residue. Use a dry cloth or compressed air. Do not use water or solvents.
- **Lubrication:** The tool's internal mechanism requires periodic lubrication. Refer to the specific lubrication points indicated in the detailed manual (if available) or consult a qualified service technician. A lubricant bottle is supplied, but lubricant itself is not included. Use appropriate hammer grease.
- **Chisel Care:** Keep chisels clean and sharp. Dull chisels reduce efficiency and increase strain on the tool.
- **Carbon Brushes:** Periodically check the carbon brushes for wear. Replace them when they are worn down to their limit, as specified in the full manual.
- **Storage:** Store the demolition hammer and its accessories in the metal carrying case in a dry, secure location, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	No power supply; Faulty power cable/plug; Worn carbon brushes.	Check power connection and circuit breaker; Inspect cable/plug for damage; Replace carbon brushes.
Hammer action is weak or absent.	Chisel not properly installed; Insufficient lubrication; Internal mechanical issue.	Re-install chisel securely; Apply appropriate lubricant; Contact service center.
Excessive vibration or noise.	Loose components; Worn parts; Damaged chisel.	Check for loose screws; Inspect and replace worn parts; Replace damaged chisel.
Tool overheats.	Prolonged heavy use; Blocked ventilation slots.	Allow tool to cool down; Clean ventilation slots.

## SPECIFICATIONS

Feature	Specification
Model	AB1600
Power Input	1600 W
Voltage	230 V
Frequency	50 Hz
Impact Energy	50 Joules
Impact Rate	2000 bpm (blows per minute)
Chisel Shank Diameter	30 mm (Hexagonal)
Product Dimensions (L x W x H)	65 x 14 x 26 cm
Net Weight	16.5 kg
Sound Level	104 dB
Cord Length	3000 mm

## WARRANTY AND SUPPORT

The Scheppach AB1600 Demolition Hammer comes with a **5-year manufacturer's warranty**. For warranty claims, technical support, or spare parts, please contact your retailer or the official Scheppach service center. Spare parts availability is guaranteed for 7 years.

For more information, visit the official Scheppach website or refer to the contact details provided with your purchase documentation.

## Related Documents - AB1600

 <b>DH1600Max</b>  	<p><a href="#"><b>Scheppach DH1600Max Bohrhammer Bedienungsanleitung</b></a> Umfassende Bedienungsanleitung für den Scheppach DH1600Max Bohrhammer. Enthält Sicherheitshinweise, technische Daten, Bedienungsanleitungen und Wartungstipps für professionelle Ergebnisse.</p>
 <b>scheppach Druckluft-Meißelhammer</b>  	<p><a href="#"><b>scheppach Druckluft-Meißelhammer Bedienungsanleitung (Art.Nr. 7906100716)</b></a> Umfassende Bedienungsanleitung für den scheppach Druckluft-Meißelhammer, Modellnummer 7906100716. Enthält Sicherheitshinweise, technische Daten und Wartungsanleitungen in mehreren Sprachen.</p>
 <b>AB2000</b>  	<p><a href="#"><b>Scheppach AB2000 Abbruchhammer Bedienungsanleitung</b></a> Umfassende Bedienungsanleitung für das Scheppach AB2000 Abbruchhammer. Enthält wichtige Informationen zur sicheren Bedienung, Wartung und technischen Daten des Geräts.</p>
 <b>MT150</b>  	<p><a href="#"><b>Scheppach MT150 Metal Cutter User Manual</b></a> Comprehensive user manual for the Scheppach MT150 metal cutter, detailing operation, safety instructions, technical specifications, and maintenance for optimal performance and safety.</p>
 <b>AB1900</b>  	<p><a href="#"><b>Scheppach AB1900 Abbruchhammer Bedienungsanleitung</b></a> Umfassende Bedienungsanleitung für den Scheppach AB1900 Abbruchhammer, inklusive Sicherheitshinweisen, technischer Daten und Bedienungsanleitungen für sicheren und effektiven Einsatz.</p>
 <b>DH1000PLUS</b>  	<p><a href="#"><b>scheppach DH1000PLUS Bohrhammer Bedienungsanleitung</b></a> Dieses Dokument enthält Bedienungsanleitungen, Sicherheitshinweise und technische Spezifikationen für den scheppach DH1000PLUS Bohrhammer. Es behandelt die Verwendung, Wartung und Sicherheitsrichtlinien.</p>

