

Scheppach EB2000

Scheppach EB2000 Earth Auger User Manual

Model: EB2000 | Brand: Scheppach

1. INTRODUCTION

Thank you for choosing the Scheppach EB2000 Earth Auger. This powerful tool is designed for efficiently drilling holes in the ground, ideal for tasks such as preparing planting holes, setting fence posts, or other landscaping projects. This manual provides essential information for the safe and effective operation, assembly, maintenance, and troubleshooting of your earth auger. Please read these instructions carefully before use and keep them for future reference.



Figure 1: The Scheppach EB2000 Earth Auger with its included 100mm, 150mm, and 200mm drill bits.

2. SAFETY INSTRUCTIONS

Operating power tools requires careful attention to safety to prevent injury. Always follow these guidelines:

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including safety glasses, hearing protection, heavy-duty gloves, and sturdy footwear. Long pants and sleeves are recommended.
- **Fuel Handling:** The EB2000 uses a 2-stroke petrol engine. Handle fuel (petrol and 2-stroke oil mixture) with extreme care. Mix fuel in a well-ventilated area, away from ignition sources. Do not smoke while refueling.

- **Work Area:** Ensure the work area is clear of bystanders, especially children and pets. Check for underground cables, pipes, or other obstructions before drilling.
- **Operation:** The earth auger is designed for two-person operation to maintain control and stability. Never operate the auger alone. Maintain a firm grip on both handles.
- **Engine Safety:** Never operate the engine indoors or in poorly ventilated areas due to carbon monoxide fumes. Allow the engine to cool before refueling or performing maintenance.
- **Kickback Prevention:** Be prepared for sudden kickback if the auger bit strikes a hard object or gets jammed. Release the throttle immediately.
- **Maintenance:** Disconnect the spark plug wire before performing any maintenance or cleaning to prevent accidental starting.

3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- Scheppach EB2000 Earth Auger Power Head
- Auger Bit (100 mm diameter)
- Auger Bit (150 mm diameter)
- Auger Bit (200 mm diameter)
- User Manual
- Tool Kit (may vary, typically includes spark plug wrench, screwdriver, hex keys)

4. SETUP

4.1 Assembly

1. **Attach Handles:** Securely fasten the operating handles to the main frame using the provided bolts and nuts. Ensure they are tightened properly.
2. **Connect Auger Bit:** Select the desired auger bit (100mm, 150mm, or 200mm). Align the auger bit shaft with the output shaft of the power head. Insert the retaining pin through the aligned holes and secure it with the R-clip or cotter pin. Ensure the bit is firmly attached.



Figure 2: Detailed view of the engine, control handle, and attached auger bit.

4.2 Fuel Mixing

The EB2000 is powered by a 2-stroke engine and requires a specific fuel mixture. Refer to the engine's label or manual for the exact ratio, typically 1:40 (2.5% oil) or 1:50 (2% oil) petrol to 2-stroke engine oil. Use fresh, unleaded petrol with an octane rating of 90 RON or higher and high-quality 2-stroke engine oil designed for air-cooled engines.

- Mix the fuel in a separate, approved fuel container.
- Pour the correct amount of 2-stroke oil into the container, then add the petrol.
- Shake the container gently to ensure thorough mixing.
- Fill the auger's fuel tank carefully, avoiding spills. Do not overfill.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

1. Place the auger on a flat, stable surface.
2. Ensure the ignition switch is in the 'ON' position.
3. Set the choke lever to the 'CLOSED' (cold start) position.
4. Press the primer bulb several times until fuel is visible in the return line.
5. Pull the starter cord firmly and smoothly until the engine attempts to start (usually 1-3 pulls).
6. Once the engine 'pops' or briefly starts, move the choke lever to the 'OPEN' position.
7. Pull the starter cord again until the engine starts and runs smoothly.
8. Allow the engine to warm up for a few moments before engaging the throttle.

5.2 Drilling Technique



Figure 3: Proper two-person operation of the earth auger for stability and control.

- Always operate the auger with two people, each holding a handle firmly.
- Position the auger bit over the desired drilling location.
- Slowly increase the throttle to engage the auger bit.
- Apply steady, downward pressure as the auger drills into the soil. Avoid excessive force.
- Periodically lift the auger slightly to clear loose soil from the hole and prevent jamming.
- If the auger jams, immediately release the throttle and turn off the engine. Carefully remove the auger from the hole.

5.3 Stopping the Engine

To stop the engine, simply move the ignition switch to the 'OFF' position.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your earth auger.

- **Cleaning:** After each use, clean the auger bit and power head of dirt and debris. Use a damp cloth for the engine housing.
- **Air Filter:** Check and clean the air filter regularly, especially in dusty conditions. A dirty air filter can reduce engine performance.
- **Spark Plug:** Inspect the spark plug periodically. Clean or replace it if it is fouled or worn.
- **Fuel System:** For long-term storage (over 30 days), drain the fuel tank and run the engine until it stops to clear the carburetor of fuel. This prevents fuel degradation and gumming.
- **Auger Bit:** Inspect the auger bit for wear or damage. Sharpen or replace as needed.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions:

Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect fuel mixture Ignition switch OFF Choke in wrong position Fouled spark plug	Check fuel level and mixture Turn ignition switch ON Adjust choke as per starting procedure Clean or replace spark plug
Loss of power during operation	Dirty air filter Incorrect fuel mixture Overheating	Clean or replace air filter Verify fuel mixture ratio Allow engine to cool; ensure proper ventilation
Auger bit jams	Hitting an obstruction (rock, root) Excessive downward pressure	Release throttle, turn off engine, carefully remove auger Reduce pressure, lift auger periodically to clear soil

8. SPECIFICATIONS

Key technical details for the Scheppach EB2000 Earth Auger:

- **Model:** EB2000
- **Engine Type:** 2-stroke petrol engine
- **Engine Displacement:** 52 cm³
- **Maximum Power:** 1450 W (1.97 PS)
- **Maximum Rotation Speed:** 370 rpm
- **Drilling Depth:** Up to 800 mm
- **Included Auger Bits:** 100 mm, 150 mm, 200 mm
- **Product Dimensions (L x W x H):** 50 x 50 x 28 cm
- **Product Weight:** 17 kg
- **Power Source:** Gas-powered
- **Material:** Metal



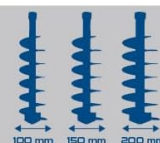
1.97 PS



800 mm



2-Takt Motor



inkl. 3 Bohrer

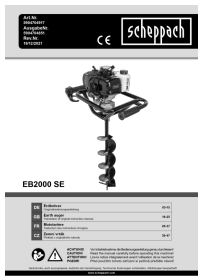
Figure 4: Visual representation of key specifications including power, drilling depth, and engine type.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact Scheppach customer service. Keep your proof of purchase for any warranty claims. Spare parts are generally available for a period of 7 years from the date of purchase.

For technical support or inquiries, please visit the official Scheppach website or contact their authorized service centers.

Related Documents - EB2000



[Scheppach EB2000 SE Erdbohrer Bedienungsanleitung](#)

Bedienungsanleitung für den Scheppach EB2000 SE Erdbohrer. Enthält Sicherheitshinweise, technische Daten, Bedienungsanleitungen und Wartungsinformationen.



[Scheppach MR224-61 Bedienungsanleitung](#)

Offizielle Bedienungsanleitung für den Scheppach MR224-61 Benzin-Aufsitzrasenmäher. Enthält detaillierte Informationen zur sicheren Bedienung, Montage, Wartung, Fehlerbehebung und technischen Daten für Ihre Scheppach Rasenpflegegeräte.



[Scheppach PGS75 Petrol Impact Garden Shredder Manual](#)

User manual for the Scheppach PGS75 Petrol Impact Garden Shredder, providing operating instructions, safety guidelines, and technical specifications.



[scheppach MS161-46 Benzin-Rasenmäher Bedienungsanleitung](#)

Umfassende Bedienungsanleitung für den scheppach MS161-46 Benzin-Rasenmäher. Enthält Anleitungen zur sicheren Bedienung, Montage, Wartung, technischen Daten und Fehlerbehebung.



[Scheppach DH1600Max Bohrhämmer Bedienungsanleitung](#)

Umfassende Bedienungsanleitung für den Scheppach DH1600Max Bohrhämmer. Enthält Sicherheitshinweise, technische Daten, Bedienungsanleitungen und Wartungstipps für professionelle Ergebnisse.



[Scheppach PBC526Pro Petrol Brush Cutter Operating Manual](#)

Discover the Scheppach PBC526Pro petrol brush cutter with this comprehensive operating manual. Learn about safe operation, assembly, maintenance, and troubleshooting for your garden tool. Visit Scheppach for more.