

## Einhell 3436560

# Einhell GC-BC 36-4 S Petrol Sense Brush Cutter

Model: 3436560

## 1. SAFETY INSTRUCTIONS

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Read all safety warnings and instructions carefully before operating the device. Failure to follow the warnings and instructions may result in serious injury.

- Always wear appropriate safety gear, including eye protection, hearing protection, and sturdy footwear.
- Keep bystanders, children, and pets at a safe distance (at least 15 meters) from the operating area.
- Do not operate the device if the engine is not running to prevent accidental cutting.
- Inspect the work area for objects that could be thrown or entangled in the cutting tool.
- Ensure all guards and handles are properly installed before use.
- Never operate the brush cutter when tired, ill, or under the influence of alcohol or medication.
- Handle fuel with care. Refuel outdoors and do not smoke while refueling.
- Turn off the engine and disconnect the spark plug before performing any maintenance or clearing blockages.

## 2. PRODUCT OVERVIEW

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The Einhell GC-BC 36-4 S Petrol Sense is a powerful brush cutter designed for managing stubborn growth in hard-to-reach garden areas. It features a high-quality, low-vibration four-stroke engine for reliable performance.



Figure 2.1: Overview of the Einhell GC-BC 36-4 S Petrol Sense Brush Cutter.

### Key Features:

- Powerful 4-stroke engine for efficient cutting.
- Universally adjustable aluminum two-hand handle (bike handle design) for comfortable and precise guidance.
- Quick start system with easily accessible primer for convenient start-up.
- Equipped with both a 3-tooth blade and a double-thread spool with automatic tap.
- Sturdy aluminum tube guide rail for durability.
- Centrifugal coupling ensures safety by disengaging the cutting tool at idle.
- Split shaft design for easy transport and space-saving storage.
- Comfort carrying strap for reduced fatigue during extended use.

## 3. ASSEMBLY AND SETUP

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### 3.1 Handle Assembly

Attach the two-hand bike handle to the main shaft. Ensure all bolts are securely tightened for safe operation. Adjust the handle position for comfortable use.



Figure 3.1: Securely attach the bike handle and control unit.

### 3.2 Harness Attachment

Connect the comfort carrying strap to the brush cutter. Adjust the strap length to distribute the weight evenly and comfortably across your shoulders and back, ensuring the cutting head is at the correct working height.



Figure 3.2: Proper adjustment of the comfort carrying strap.

### 3.3 Cutting Tool Installation

The GC-BC 36-4 S can be used with either a 3-tooth blade or a double-thread spool. Always ensure the

engine is off and the spark plug cap is removed before changing cutting tools.

### 3.3.1 Blade Installation

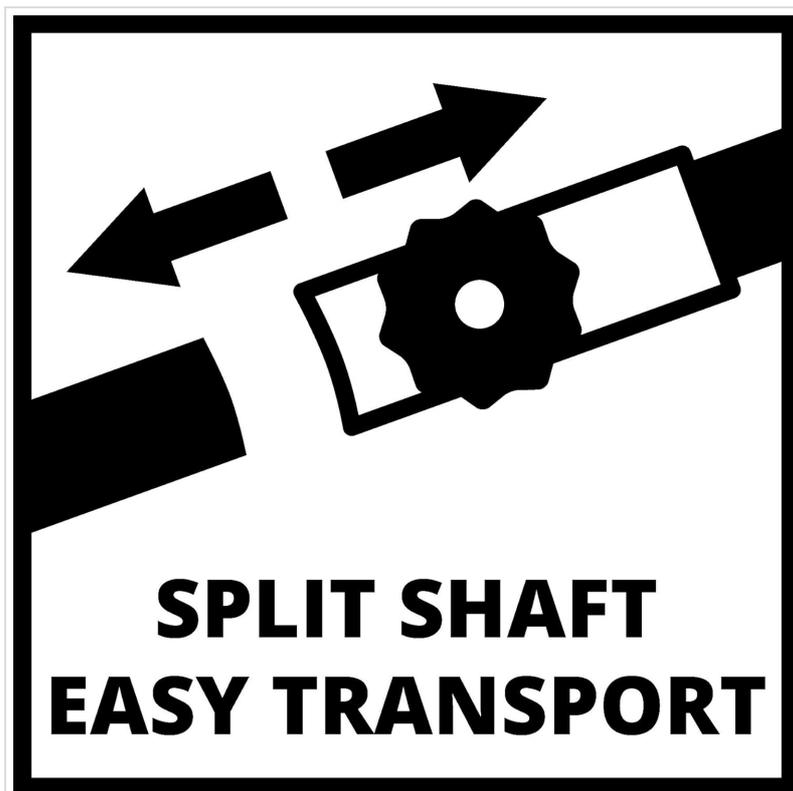
Carefully align the 3-tooth blade onto the drive shaft. Secure it with the provided washer and nut, ensuring it is tightened firmly. Always use the blade guard.



Figure 3.3: Attaching the 3-tooth cutting blade.

### 3.3.2 Thread Spool Installation

Attach the double-thread spool to the drive shaft. Ensure it is correctly seated and secured according to the instructions in the full manual. The spool features an automatic tap for line advancement.



### 3.4 Fuel and Oil

This is a 4-stroke engine. Fill the fuel tank with unleaded gasoline and the oil reservoir with appropriate 4-stroke engine oil (e.g., 5W-40 synthetic). Do not mix fuel and oil in the same tank. Refer to the engine manual for specific oil type and capacity.

## 4. OPERATION

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### 4.1 Starting the Engine

1. Place the brush cutter on a flat, stable surface.
2. Press the primer bulb several times until fuel is visible.
3. Set the choke lever to the 'START' position (cold engine).
4. Pull the starter cord firmly until the engine starts.
5. Once the engine starts, gradually move the choke lever to the 'RUN' position.
6. Allow the engine to warm up for a few minutes before beginning operation.

### 4.2 Operating Controls

All controls, including the throttle and stop switch, are conveniently located on the bike handle for easy access and precise control during operation.

### 4.3 Cutting Techniques

When operating, maintain a firm grip on the handles and keep the cutting head parallel to the ground. Use a sweeping motion to cut vegetation. For dense growth, use the blade attachment. For lighter trimming, the thread spool is suitable. Always be aware of your surroundings and potential hazards.



Figure 4.1: Operating the brush cutter with the blade attachment.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your brush cutter. Always turn off the engine and remove the spark plug cap before performing any maintenance.

### 5.1 Cleaning

After each use, clean the cutting head, guard, and engine housing to remove grass, dirt, and debris. Use a brush or compressed air. Do not use water directly on the engine.

### 5.2 Spark Plug

Inspect and clean the spark plug periodically. Replace it if the electrodes are worn or fouled. Refer to the engine manual for the correct spark plug type and gap.

### 5.3 Air Filter

Clean the air filter regularly, especially in dusty conditions. A clogged air filter can reduce engine performance and increase fuel consumption. Replace if damaged.

### 5.4 Cutting Tool Care

Inspect the blade for sharpness and damage before each use. Sharpen or replace as necessary. For the thread spool, ensure the line is properly wound and replace it when it runs out.

### 5.5 Storage

For easy transport and space-saving storage, the brush cutter can be dismantled into two parts thanks to its split shaft design. Clean the unit thoroughly before long-term storage. Drain the fuel tank or use a fuel stabilizer.



Figure 5.1: The split shaft allows for compact storage.

## 6. TROUBLESHOOTING

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This section provides solutions to common operational issues. For problems not listed here, contact customer support.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Engine does not start	No fuel, old fuel, clogged fuel filter, faulty spark plug, incorrect choke setting.	Check fuel level, use fresh fuel, clean/replace fuel filter, clean/replace spark plug, adjust choke.
Engine runs poorly/lacks power	Clogged air filter, dirty spark plug, incorrect fuel/oil mixture (if applicable), carburetor issues.	Clean/replace air filter, clean/replace spark plug, ensure correct fuel/oil, consult service center for carburetor.
Cutting tool does not rotate	Cutting tool jammed, clutch issue, drive shaft problem.	Turn off engine and clear obstruction, inspect clutch and drive shaft for damage.
Excessive vibration	Damaged or unbalanced cutting tool, loose components.	Inspect and replace damaged blade/spool, tighten all fasteners.

## 7. SPECIFICATIONS

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<b>Feature</b>	<b>Specification</b>
Manufacturer	Einhell
Model Number	3436560
Product Dimensions	180 x 74 x 34 cm
Item Weight	8.7 kg
Power Source	Petrol powered (4-stroke)
Cutting Width (Thread Spool)	420 mm
Cutting Width (Blade)	25.5 cm
Engine Speed (Thread Spool)	6400 RPM
Engine Speed (Blade)	7500 RPM
Assembly Required	Yes
Colour	Black/Red

## 8. WARRANTY AND SUPPORT

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This Einhell product comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, spare parts, or service inquiries, please contact your authorized Einhell dealer or visit the official Einhell website for contact information.

