

Einhell 3400080

Einhell Electric Lawn Mower GC-EM 1600/37

Model: 3400080 | **Brand:** Einhell
User Manual

1. INTRODUCTION AND PRODUCT OVERVIEW

The Einhell Electric Lawn Mower GC-EM 1600/37 is a lightweight and maneuverable tool designed for optimal lawn care. Its powerful 1600 W motor operates at a no-load speed of 3,400 rpm, ensuring clean and efficient mowing even on taller grass. The durable plastic housing contributes to a long service life. This mower provides precise cutting, including close to edges. With a 37 cm cutting width, it is suitable for areas up to 700 m².

The handle is height-adjustable with quick-release clips for ergonomic use, adapting to various user heights. A 5-level central adjustment system allows quick selection of cutting heights between 20 and 60 mm. The large 'buggy' style rear wheels, with their wide contact surface, protect the lawn and facilitate movement over uneven terrain. The 38 L grass collection bag includes an integrated level indicator for convenience during extended use. An integrated strain relief device protects the power cable from damage and assists in neat cable management during operation. The foldable handle and a carrying handle on the housing ensure easy transport and compact storage.



Figure 1: Einhell Electric Lawn Mower GC-EM 1600/37, front-side view.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions when operating the lawn mower:

- Read the entire manual before operating the machine.
- Wear appropriate personal protective equipment (PPE), including safety glasses, sturdy footwear, and hearing protection.
- Ensure the work area is clear of stones, sticks, wires, and other debris that could be thrown by the blades.
- Never operate the mower in wet conditions or rain.
- Keep children and pets away from the mowing area.
- Disconnect the power supply before cleaning, adjusting, or performing maintenance.
- Do not use the mower if the power cord is damaged.
- Always push the mower forward; never pull it towards you.
- Be aware of the power cord's position to avoid cutting it.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your Einhell Electric Lawn Mower:

- **Handlebar Assembly:** Includes the main handle, safety switch, and power cable connection.
- **Motor Housing:** Contains the electric motor and cutting blade.
- **Grass Collection Bag:** Detachable bag for collecting mown grass.
- **Wheels:** Front and rear wheels for maneuverability. The large rear 'buggy' wheels are designed to protect the lawn.
- **Cutting Height Adjustment Lever:** Mechanism for setting the desired cutting height.
- **Carrying Handle:** Integrated handle on the motor housing for easy transport.



Figure 2: Detail of the handlebar controls, including the safety switch and power cable connection.



Figure 3: The central cutting height adjustment lever, allowing selection of 5 different heights.

4. SETUP AND ASSEMBLY

Follow these steps for initial setup:

1. **Handlebar Assembly:** Attach the lower and upper handlebar sections using the quick-release clips provided. Ensure they are securely fastened.
2. **Grass Collection Bag Assembly:** Assemble the grass collection bag according to the instructions. Once assembled, hook it onto the rear discharge chute of the mower. Ensure it is properly seated to prevent grass from escaping.
3. **Power Cable Connection:** Connect your extension cord to the mower's power cable. Utilize the integrated strain relief device to secure the connection and prevent accidental disconnection or damage to the cable.
4. **Initial Inspection:** Before first use, check all connections and ensure no parts are loose or damaged.

5. OPERATING INSTRUCTIONS

Operating your Einhell Electric Lawn Mower is straightforward:

1. **Adjust Cutting Height:** Use the central cutting height adjustment lever (Figure 3) to select one of the 5 available cutting heights, ranging from 20 mm to 60 mm, suitable for your lawn conditions.
2. **Starting the Mower:** Ensure the grass collection bag is attached. Plug the mower into a suitable power outlet. Press and hold the safety switch on the handlebar, then pull the operating lever towards the handle. The motor will start. Release the safety switch once the motor is running.
3. **Mowing Technique:** Push the mower forward in overlapping rows. For best results, mow in straight lines. Avoid overloading the motor by mowing excessively tall or wet grass. If the grass is very long, consider mowing twice, first at a higher setting, then at the desired lower setting.
4. **Emptying the Grass Bag:** The grass collection bag has an integrated level indicator. When the indicator shows the bag is full, stop the mower, disconnect the power, and remove the bag to empty it. Reattach securely before resuming operation.
5. **Stopping the Mower:** Release the operating lever. The motor will stop. Always disconnect the power supply after use.



Figure 4: Proper posture and operation of the lawn mower.

6. MAINTENANCE AND STORAGE

Regular maintenance ensures the longevity and optimal performance of your lawn mower:

- **Cleaning:** After each use, disconnect the power supply. Clean the mower housing, cutting deck, and grass collection bag. Use a damp cloth; do not use high-pressure water or harsh chemicals. Ensure all grass clippings are removed from the blade area.
- **Blade Inspection:** Periodically check the cutting blade for sharpness and damage. A dull or damaged blade can affect cutting performance. If necessary, have the blade sharpened or replaced by a qualified service technician.

- **Cable Inspection:** Regularly inspect the power cable for any signs of wear, cuts, or damage. Replace immediately if damage is found.
- **Storage:** For compact storage, the handlebar can be folded using the quick-release clips. Clean the mower thoroughly before storing it in a dry, protected area, away from direct sunlight and moisture.



Figure 5: The lawn mower with its handle folded for compact storage.



Figure 6: The integrated carrying handle allows for easy transport of the mower.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Mower does not start.	No power supply; safety switch not engaged; damaged cable.	Check power connection; ensure safety switch and operating lever are fully engaged; inspect cable for damage.
Poor cutting performance.	Dull or damaged blade; cutting height too low for grass type; grass too wet.	Have blade sharpened/replaced; adjust cutting height; wait for grass to dry.

Problem	Possible Cause	Solution
Excessive vibration.	Unbalanced or damaged blade; loose components.	Inspect blade for damage and balance; check all fasteners. If problem persists, contact service.
Grass bag not filling properly.	Discharge chute clogged; grass bag not attached correctly.	Clear any blockages from the chute (with power disconnected); ensure bag is securely attached.

8. SPECIFICATIONS

Key technical specifications for the Einhell Electric Lawn Mower GC-EM 1600/37:

- **Model Number:** 3400080
- **Power Input:** 1600 W
- **No-Load Speed:** 3400 rpm
- **Cutting Width:** 37 cm
- **Cutting Height Adjustment:** Central, 5 levels (20 mm - 60 mm)
- **Grass Collection Bag Capacity:** 38 L
- **Recommended Lawn Area:** Up to 700 m²
- **Product Dimensions (L x W x H):** 134 x 45.5 x 97.3 cm
- **Weight:** 10.75 kg
- **Housing Material:** Plastic
- **Power Source:** AC (Wired)

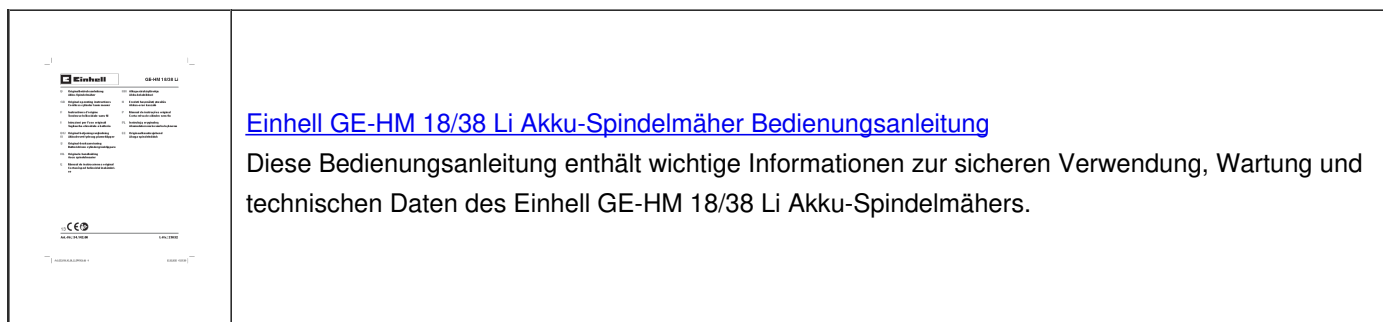
9. WARRANTY AND SUPPORT

Einhell products are manufactured with quality and care. For information regarding warranty coverage, spare parts, or technical support, please refer to the warranty card included with your product or visit the official Einhell website. Keep your purchase receipt as proof of purchase.

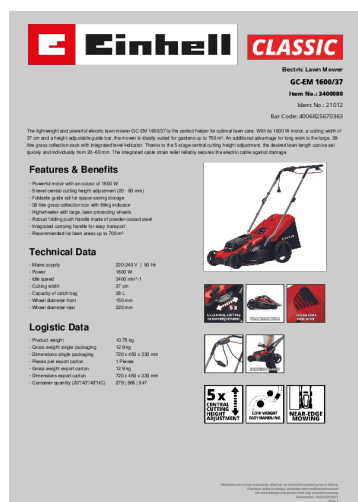
For further assistance, you may contact Einhell customer service through their official channels.

Note: Product specifications are subject to change without prior notice.

	Einhell GC-PM 46/4 S Petrol Lawn Mower: Operating Instructions and Manual Comprehensive operating instructions and manual for the Einhell GC-PM 46/4 S petrol lawn mower, covering assembly, operation, maintenance, and safety guidelines.
	Einhell GC-EM 1600/37 Elektro-Rasenmäher: Bedienungsanleitung & Sicherheitshinweise Entdecken Sie die sichere und effektive Nutzung des Einhell GC-EM 1600/37 Elektro-Rasenmähers mit dieser detaillierten Bedienungsanleitung. Erfahren Sie mehr über Montage, Betrieb und Wartung.
	Einhell GC-EM 1500/36 Elektro-Rasenmäher Bedienungsanleitung Umfassende Bedienungsanleitung für den Einhell GC-EM 1500/36 Elektro-Rasenmäher. Enthält wichtige Sicherheitshinweise, technische Daten, Anleitungen zur Bedienung, Wartung und Fehlerbehebung für den effizienten Einsatz in Haus- und Hobbygärten.
	Einhell GC-EM 1742: Bedienungsanleitung für Elektro-Rasenmäher Die offizielle Bedienungsanleitung für den Einhell GC-EM 1742 Elektro-Rasenmäher. Enthält wichtige Informationen zu Sicherheit, Bedienung, Wartung und Fehlerbehebung.
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Documents - Einhell – 3400080



M 18/38 Li Akku-Spindelmäher Bedienungsanleitung

Diese Bedienungsanleitung enthält wichtige Informationen zur sicheren Verwendung, Wartung und technischen Daten des Einhell GE-HM 18/38 Li Akku-Spindelmähers.

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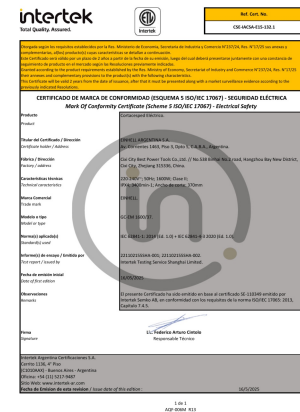
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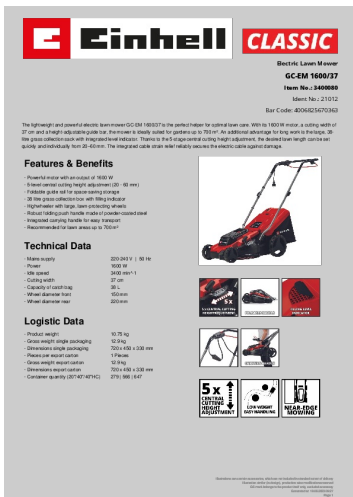
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