

## Hecht HEC-1803

# Hecht HEC-1803 Electric Lawn Mower User Manual

Model: HEC-1803

## 1. INTRODUCTION

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Thank you for choosing the Hecht HEC-1803 Electric Lawn Mower. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new lawn mower. Please read this manual thoroughly before first use and keep it for future reference.

The Hecht HEC-1803 is a powerful 1800W electric lawn mower designed for lawns up to 1200 m<sup>2</sup>. It features a 46 cm cutting width, a 60-liter grass collector, and a 5-in-1 function including mowing, collecting, mulching, side discharge, and shredding leaves and branches. The integrated wheel drive (approx. 3.6 km/h) and 7-level central cutting height adjustment (30-75 mm) ensure comfortable and efficient lawn care.

## 2. SAFETY INSTRUCTIONS

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Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or damage to the product.

- **Read the Manual:** Familiarize yourself with all controls and proper use of the machine before operation.
- **Personal Protective Equipment:** Always wear sturdy footwear, long trousers, and eye protection when operating the lawn mower. Avoid loose clothing that could get caught in moving parts.
- **Electrical Safety:** Ensure the power cord is in good condition and suitable for outdoor use. Do not operate the mower in wet conditions or rain. Always disconnect the power supply before cleaning, maintenance, or if the machine is left unattended.
- **Clear the Area:** Before mowing, clear the lawn of stones, sticks, wires, and other debris that could be thrown by the blades.
- **Keep Bystanders Away:** Ensure children, pets, and other people are kept at a safe distance (at least 15 meters) from the operating area.
- **Slope Operation:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Avoid excessively steep slopes.
- **Blade Safety:** Never place hands or feet near or under rotating parts. The blades continue to rotate for a short period after the motor is switched off.

- **Maintenance:** Regularly inspect the mower for damage. Replace worn or damaged parts immediately.

### 3. PRODUCT COMPONENTS AND FEATURES

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The Hecht HEC-1803 electric lawn mower is designed with several key features for efficient lawn care.



**Figure 3.1:** Overall view of the Hecht HEC-1803 Electric Lawn Mower, highlighting its 5-in-1 functionality: mowing, collecting, mulching, side discharge, and shredding leaves and branches.



Figure 3.2: Close-up of the powerful 1800 Watt electric motor, suitable for areas up to 1200 m<sup>2</sup>.



✓ Große 46 cm Schnittbreite für schnelles Vorankommen beim Rasenmähen.

Figure 3.3: The generous 46 cm cutting width ensures quick progress during mowing.

**3,6  
km/h**

✓ **Einfaches  
Manövrieren,  
dank Radantrieb  
und großer  
Hinterräder.**

Figure 3.4: The large 60-liter grass collector bag features a practical fill level indicator.



✓ **Die Schnitthöhe lässt sich zentral 7-fach von 30 bis 75 mm einstellen.**

Figure 3.5: Easy maneuvering thanks to the wheel drive, operating at approximately 3.6 km/h, and large rear wheels.

✓ Ergonomischer Schiebegriff mit optimal angeordneten Bedienhebeln.



Figure 3.6: The cutting height can be centrally adjusted in 7 steps, from 30 mm to 75 mm.



✓ **Zum Mulchmähen,  
lässt sich das Mulchkit  
einfach in den Auswurf-  
schacht einsetzen.**

Figure 3.7: Ergonomic push handle with optimally arranged control levers for comfortable operation.



Figure 3.8: For mulching, the mulching kit can be easily inserted into the discharge chute.

## 4. SETUP AND ASSEMBLY

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The Hecht HEC-1803 lawn mower is largely pre-assembled. Follow these steps for final assembly:

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Handle Assembly:** Attach the upper handle to the lower handle using the provided screws and knobs. Ensure all connections are secure.
3. **Control Lever Attachment:** Secure the control levers to the handle in their designated positions. Ensure cables are not pinched.
4. **Grass Collector Assembly:** Assemble the grass collector bag if it came in separate parts. Attach it to the mower's rear discharge opening.
5. **Mulching Kit (Optional):** If you intend to mulch, insert the mulching plug into the discharge chute as shown in Figure 3.8. Remove the grass collector when mulching.
6. **Power Cord:** Ensure the power cord is securely connected to the mower and routed safely to avoid entanglement

during operation.

## 5. OPERATING INSTRUCTIONS

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Before starting, ensure all safety instructions are understood and followed.

### 5.1 Starting and Stopping

- **Starting:** Connect the power cord to a suitable outdoor power outlet. Press and hold the safety switch, then pull the operating lever towards the handle. The motor will start.
- **Stopping:** Release the operating lever. The motor will stop.

### 5.2 Cutting Height Adjustment

The cutting height can be adjusted centrally using the lever on the side of the mower (refer to Figure 3.6). There are 7 positions ranging from 30 mm to 75 mm. Select the desired height before starting the mower.

### 5.3 Mowing Techniques (5-in-1 Function)

- **Mowing with Collection:** Attach the grass collector bag. Mow in overlapping strips. Empty the grass bag when the fill level indicator shows it is full.
- **Mulching:** Insert the mulching plug into the discharge chute and remove the grass collector. The mower will finely chop grass clippings and return them to the lawn as natural fertilizer.
- **Side Discharge:** Attach the side discharge chute (if included and not using the grass collector or mulching plug). This option is useful for very tall grass where collection is not desired.
- **Shredding Leaves and Branches:** For light leaf and small branch shredding, use the mulching function. Ensure the material is not too thick or hard to avoid damaging the blade.

### 5.4 Wheel Drive Operation

The Hecht HEC-1803 features a wheel drive system. Engage the drive by pressing the dedicated lever on the handle (refer to Figure 3.7). This assists in pushing the mower, especially on slopes or larger areas. Release the lever to disengage the drive.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your lawn mower. Always disconnect the power supply before performing any maintenance.

- **Cleaning:** After each use, clean the mower deck, grass collector, and wheels. Remove grass clippings and dirt using a brush or damp cloth. Do not use high-pressure washers or immerse the mower in water.
- **Blade Inspection:** Regularly check the cutting blade for sharpness and damage. A dull or damaged blade can lead to poor cutting results and increased motor strain. Have the blade sharpened or replaced by a qualified service technician if necessary.
- **Cable Inspection:** Inspect the power cord and any extension cords for cuts, fraying, or damage. Replace damaged cords immediately.
- **Storage:** Store the lawn mower in a dry, clean place, away from direct sunlight and extreme temperatures. Ensure the handle is folded for compact storage if applicable.
- **Fasteners:** Periodically check all nuts, bolts, and screws for tightness. Tighten as needed.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your Hecht HEC-1803 lawn mower.

Problem	Possible Cause	Solution
Mower does not start	No power supply Safety switch/operating lever not engaged Damaged power cord	Check power connection and outlet Ensure both safety switch and operating lever are fully engaged Inspect power cord for damage; replace if necessary
Poor cutting performance	Dull or damaged blade Cutting height too low for grass type Grass collector too full	Sharpen or replace blade Adjust cutting height higher Empty grass collector
Excessive vibration	Unbalanced or bent blade Loose fasteners	Inspect blade for damage; replace if bent Check and tighten all nuts, bolts, and screws
Motor overheats	Blocked ventilation slots Overloading the motor (e.g., cutting very tall/wet grass)	Clean ventilation slots Avoid cutting excessively tall or wet grass; raise cutting height

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Hecht customer support or a qualified service center.

## 8. SPECIFICATIONS

Detailed technical specifications for the Hecht HEC-1803 Electric Lawn Mower.

Specification	Value
Model Number	HEC-1803
Brand	Hecht
Power Source	Electric
Motor Power	1800 W
Cutting Width	46 cm
Cutting Height Adjustment	7 levels (30 - 75 mm)
Grass Collector Volume	60 Liters
Wheel Drive Speed	Approx. 3.6 km/h
Recommended Lawn Area	Up to 1200 m <sup>2</sup>
Material	Alloy Steel (housing)
Color	Red and Black
Item Weight	26 kg (approx. 57.32 lbs)
Package Dimensions	86.8 x 57.6 x 37.6 cm
Operating Mode	Manual (with wheel drive assistance)

## 9. WARRANTY AND SUPPORT

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Your Hecht HEC-1803 Electric Lawn Mower comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details. For technical support, spare parts, or warranty claims, please contact your retailer or the official Hecht customer service. Ensure you have your model number (HEC-1803) and proof of purchase available when contacting support.