

Hecht 135

HECHT 135 BTS 2-Stroke Petrol Brush Cutter User Manual

Model: 135 BTS | Brand: Hecht

1. INTRODUCTION

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your HECHT 135 BTS 2-stroke petrol brush cutter. Please read this manual thoroughly before using the equipment to ensure safe and efficient operation.

2. SAFETY INSTRUCTIONS

Operating a petrol brush cutter requires strict adherence to safety guidelines to prevent injury. Always prioritize your safety and the safety of others.

2.1 Personal Protective Equipment (PPE)

- **Eye Protection:** Always wear safety glasses or a face shield to protect against flying debris.
- **Hearing Protection:** Use earplugs or earmuffs to prevent hearing damage from engine noise.
- **Hand Protection:** Wear sturdy work gloves to improve grip and protect hands.
- **Foot Protection:** Wear non-slip, steel-toed boots or sturdy footwear.
- **Body Protection:** Wear long pants and a long-sleeved shirt to protect skin from debris and sun. Avoid loose clothing that could get caught in moving parts.

2.2 General Safety Precautions

- **Read the Manual:** Understand all instructions and warnings before operation.
- **Area Inspection:** Before starting, clear the work area of stones, metal objects, wires, and other debris that could be thrown or entangle the cutting head.
- **Bystanders:** Keep all bystanders, children, and pets at a safe distance (at least 15 meters) from the operating area.
- **Fuel Handling:** Handle petrol with extreme care. Refuel in a well-ventilated area with the engine off and cool. Do not smoke while refueling.

- **Stable Footing:** Maintain firm footing and balance at all times. Do not overreach.
- **Weather Conditions:** Do not operate in rain or wet conditions, or when visibility is poor.
- **Fatigue:** Do not operate the brush cutter when tired, ill, or under the influence of alcohol or drugs.
- **Maintenance:** Always turn off the engine and disconnect the spark plug before performing any maintenance, cleaning, or clearing blockages.
- **Transport:** Transport the brush cutter with the engine off and the cutting attachment protected.

3. PACKAGE CONTENTS

Upon unpacking your HECHT 135 BTS brush cutter, verify that all components are present and undamaged:

- 1x HECHT 135 BTS Petrol Brush Cutter unit
- 1x 3-tooth Metal Blade (255 mm cutting width)
- 1x Dual-line Spool Head (430 mm cutting width)
- 1x Adjustable Shoulder Strap
- 1x Handlebar assembly
- 1x Cutting Guard
- 1x Tool Kit (for assembly and basic maintenance)
- 1x User Manual

4. SETUP AND ASSEMBLY

Follow these steps to assemble your brush cutter before first use.

4.1 Attaching the Handlebar

1. Loosen the handlebar clamp bolts on the main shaft.
2. Position the handlebar onto the shaft at a comfortable working height and angle.
3. Ensure all control cables are routed correctly and not pinched.
4. Tighten the clamp bolts securely.

4.2 Installing the Cutting Guard

1. Slide the cutting guard onto the lower shaft, ensuring it is oriented correctly to protect against debris.
2. Secure the guard with the provided screws or bolts. Do not operate the brush cutter without the guard properly installed.

4.3 Mounting the Cutting Head

Your HECHT 135 BTS comes with two interchangeable cutting heads: a 3-tooth metal blade and a dual-line spool head.

1. Ensure the engine is off and the spark plug cap is removed.
2. Insert the locking pin into the gearbox hole to prevent the shaft from rotating.

3. **For Metal Blade:** Place the blade onto the shaft, ensuring it sits correctly on the support flange. Secure it with the washer and nut, tightening firmly (often left-hand thread).
4. **For Spool Head:** Thread the spool head onto the shaft, turning clockwise until it is securely fastened.
5. Remove the locking pin.

4.4 Attaching the Shoulder Strap

1. Attach the shoulder strap to the designated hook or loop on the main shaft.
2. Adjust the strap length so the cutting head is balanced and comfortable for your working posture, allowing for a slight bend in your arms.

4.5 Fueling the Brush Cutter

The HECHT 135 BTS uses a 2-stroke engine, requiring a specific petrol-oil mixture. Refer to the engine manufacturer's recommendations for the correct mixing ratio (typically 25:1 or 50:1, depending on the oil type).

1. Use fresh, unleaded petrol and high-quality 2-stroke engine oil.
2. Mix the fuel in a separate, approved fuel container.
3. Ensure the engine is off and cool before refueling.
4. Carefully pour the mixed fuel into the fuel tank (capacity 0.7 L), avoiding spills.
5. Securely close the fuel cap.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

1. Place the brush cutter on a flat, stable surface.
2. Set the ON/OFF switch to the 'ON' position.
3. Engage the choke (if the engine is cold).
4. Press the primer bulb several times until fuel is visible.
5. Hold the brush cutter firmly with one hand on the handlebar and the other on the starter grip.
6. Pull the starter cord slowly until resistance is felt, then pull sharply and quickly until the engine fires (usually 1-3 pulls).
7. Once the engine fires, disengage the choke (if applicable).
8. Allow the engine to warm up for a few moments before applying full throttle.

5.2 Using the Brush Cutter

Hold the brush cutter firmly with both hands on the handlebar. Maintain a wide stance for balance. The shoulder strap should support the weight of the machine, allowing you to guide it with minimal effort.

- **Cutting Technique:** Use a sweeping motion from side to side. For dense growth, cut in smaller sections.
- **Blade Use:** Ideal for thick weeds, brush, and small saplings. Be aware of kickback when using the blade.
- **Spool Head Use:** Best for grass, light weeds, and trimming around obstacles. Advance the line as needed by tapping the head on the ground (tap-and-go system) or manually.
- **Maintain RPM:** Operate at a consistent, high RPM for efficient cutting and to prevent engine strain.

- **Avoid Obstacles:** Do not strike hard objects like rocks, fences, or concrete with the cutting head.

5.3 Stopping the Engine

1. Release the throttle to allow the engine to idle.
2. Move the ON/OFF switch to the 'OFF' position.
3. Wait for all moving parts to come to a complete stop before setting the machine down.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HECHT 135 BTS brush cutter.

6.1 After Each Use

- **Clean the Unit:** Remove grass, dirt, and debris from the engine, cutting head, and guard. Use a brush or compressed air.
- **Inspect Cutting Head:** Check the blade for sharpness and damage, or the line spool for wear and proper function. Replace or sharpen as needed.
- **Check Fasteners:** Ensure all nuts, bolts, and screws are tight.

6.2 Periodical Maintenance

- **Air Filter:** Clean the air filter regularly (every 5-10 hours of operation, more often in dusty conditions). Wash foam filters in warm, soapy water, rinse, dry, and lightly oil. Replace paper filters if heavily soiled.
- **Spark Plug:** Inspect the spark plug every 20-30 hours. Clean carbon deposits and adjust the gap if necessary. Replace if electrodes are worn or damaged.
- **Fuel Filter:** Inspect and replace the fuel filter in the tank annually or if fuel flow issues occur.
- **Gearbox Lubrication:** Check and replenish the grease in the gearbox (at the cutting head end) as per manufacturer recommendations, typically every 25-50 hours.
- **Cooling Fins:** Keep the engine's cooling fins clean to prevent overheating.

6.3 Storage

- For long-term storage, drain the fuel tank and run the engine until it stops to clear the carburetor of fuel.
- Clean the entire unit thoroughly.
- Store in a dry, well-ventilated area, away from direct sunlight and heat sources.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your brush cutter.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke, fouled spark plug, clogged fuel filter, old fuel.	Check fuel level and mixture. Adjust choke. Clean/replace spark plug. Clean/replace fuel filter. Use fresh fuel.
Loss of power during operation	Clogged air filter, incorrect fuel mixture, dull cutting head, engine overheating.	Clean air filter. Verify fuel mixture. Sharpen/replace cutting head. Clean cooling fins.
Excessive vibration	Damaged or unbalanced cutting head, loose fasteners, bent shaft.	Inspect and replace damaged cutting head. Tighten all fasteners. If shaft is bent, seek professional service.
Cutting line does not advance	Line tangled, insufficient line, incorrect spool installation.	Turn off engine, clear tangles, reload line, ensure spool is correctly installed.

8. SPECIFICATIONS

Technical data for the HECHT 135 BTS Petrol Brush Cutter:

- **Engine Type:** 2-stroke, single cylinder
- **Displacement:** 33 cm³
- **Rated Power:** 0.9 kW / 1.2 HP
- **Max. Engine Power:** 1.1 kW / 1.5 HP
- **Rated Engine Speed:** 6500 rpm
- **Max. Engine Speed:** 13000 rpm
- **Fuel Tank Volume:** 0.7 L
- **Blade Cutting Width:** 255 mm (25.5 cm)
- **Line Cutting Width:** 430 mm (43 cm)
- **Max. Line Thickness:** 2.5 mm
- **Max. Spool Head Speed:** 8500 rpm
- **Net Weight:** 6.1 kg
- **Total Length:** 1880 mm
- **Total Width:** 720 mm
- **Total Height:** 400 mm

9. PRODUCT IMAGES

Visual references for the HECHT 135 BTS Brush Cutter.



Image Description: This is a placeholder image indicating 'No image available'. A typical product image would show the HECHT

135 BTS 2-stroke petrol brush cutter fully assembled, highlighting its handlebar, engine unit, and interchangeable cutting heads (3-tooth blade and line spool).




10. WARRANTY AND SUPPORT




For warranty claims, technical support, or spare parts inquiries, please contact your retailer or the manufacturer directly. Keep your proof of purchase for warranty validation.

Note: Information regarding the availability of spare parts for this product is currently unavailable.

© 2023 Hecht. All rights reserved.

Related Documents - 135

	<p>Hecht 6642 Petrol Shredder User Manual</p> <p>Comprehensive user manual for the Hecht 6642 petrol shredder, covering safety, installation, operation, maintenance, storage, and troubleshooting. Includes illustrated guides and technical specifications.</p>
	<p>HECHT 690 3in1 Multifunction Garden Tool User Manual</p> <p>Explore the HECHT 690 3in1 multifunction garden tool. This user manual provides comprehensive operating instructions, safety guidelines, assembly, and maintenance details for efficient and safe garden care.</p>
	<p>HECHT 746 Petrol Tiller - User Manual and Technical Specifications</p> <p>Comprehensive user manual and technical specifications for the HECHT 746 petrol tiller. Includes safety instructions, operating guide, maintenance, and parts list in multiple languages.</p>

 <p>HECHT 750 made for garden</p> <p>GENERAL USE INSTRUCTIONS FOR USER TILLER</p> <p>CONTENTS</p> <ul style="list-style-type: none"> 1. INTRODUCTION 2. SAFETY PRECAUTIONS 3. OPERATION 4. MAINTENANCE 5. TROUBLESHOOTING 6. SPECIFICATIONS 7. ACCESSORIES 8. WARRANTY 	<p>HECHT 750 Petrol Tiller User Manual: Operation, Safety, and Maintenance Guide</p> <p>Comprehensive user manual for the HECHT 750 petrol tiller. Includes detailed instructions on operation, safety precautions, maintenance procedures, specifications, and troubleshooting for optimal garden tilling.</p>
 <p>HECHT 746 R/747 R made for garden</p> <p>GENERAL USE INSTRUCTIONS FOR USER TILLER</p> <p>CONTENTS</p> <ul style="list-style-type: none"> 1. INTRODUCTION 2. SAFETY PRECAUTIONS 3. OPERATION 4. MAINTENANCE 5. TROUBLESHOOTING 6. SPECIFICATIONS 7. ACCESSORIES 8. WARRANTY 	<p>HECHT 746 R/747 R Motor Cultivator User Manual</p> <p>This manual provides comprehensive instructions for the HECHT 746 R and 747 R motor cultivators, covering safety, operation, maintenance, and troubleshooting. It includes detailed specifications, safety symbols, and an illustrated guide to the machine's parts.</p>
 <p>HECHT 943 made for garden</p> <p>GENERAL USE INSTRUCTIONS FOR USER TILLER</p> <p>CONTENTS</p> <ul style="list-style-type: none"> 1. INTRODUCTION 2. SAFETY PRECAUTIONS 3. OPERATION 4. MAINTENANCE 5. TROUBLESHOOTING 6. SPECIFICATIONS 7. ACCESSORIES 8. WARRANTY 	<p>HECHT 943 Petrol Leaf Blower User Manual</p> <p>User manual for the HECHT 943 petrol leaf blower, providing essential information on safety, operation, maintenance, and troubleshooting. Includes specified conditions of use and storage guidelines.</p>