

## Hecht 972

# HECHT 972 Gasoline Leaf Blower User Manual

Model: 972 | Brand: Hecht

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your HECHT 972 Gasoline Leaf Blower. Please read this manual thoroughly before operating the machine.

The HECHT 972 is a powerful professional gasoline leaf blower designed for effective removal of leaves and debris from various surfaces. It features a robust 2-stroke engine and a high air performance capacity.

## 2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power equipment. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses or goggles), hearing protection (earplugs or earmuffs), and sturdy footwear. Long pants and gloves are also recommended.
- **Fuel Handling:** Gasoline is highly flammable. Handle fuel in a well-ventilated area, away from sparks, open flames, or heat sources. Do not smoke while refueling. Allow the engine to cool before refueling.
- **Operation Area:** Clear the work area of people, pets, and loose objects that could be thrown by the air stream. Maintain a safe distance from others.
- **Engine Exhaust:** The engine produces carbon monoxide, a colorless, odorless, poisonous gas. Operate the blower only outdoors in a well-ventilated area.
- **Inspection:** Before each use, inspect the blower for loose parts, damaged components, or fuel leaks. Do not operate a damaged machine.
- **Stability:** Ensure stable footing when operating the backpack blower.
- **Storage:** Store the blower in a cool, dry place, away from children and unauthorized persons. Empty the fuel tank before long-term storage.

## 3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your HECHT 972 Leaf Blower:



**Image:** Detailed diagram showing the various parts of the HECHT 972 gasoline leaf blower. Key components are numbered for easy identification.

1. **1. Carry Handle:** For lifting and transporting the unit.
2. **2. Air Filter:** Protects the engine from dust and debris.
3. **3. Spark Plug Connector:** Connects to the spark plug.
4. **4. Recoil Starter:** Used to start the engine manually.
5. **5. Fuel Tank Cap:** For accessing the fuel tank.
6. **6. Fuel Tank:** Holds the gasoline-oil mixture.
7. **7. Support Frame:** Provides stability and attachment point for the harness.
8. **8. Exhaust Outlet:** Where engine exhaust gases are expelled.
9. **9. Blower Tube Connection:** Point where the flexible tube connects.
10. **10. Flexible Tube:** Connects the main unit to the blower pipe.
11. **11. Control Lever:** Contains throttle and stop switch.

- 12. **12. Blower Pipe:** The main pipe through which air is expelled.
- 13. **13. Power Nozzle:** The end attachment for directing airflow.

## 4. SETUP AND ASSEMBLY

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Before first use, some assembly is required.

1. **Attach the Blower Tube:** Securely connect the flexible tube (10) to the blower tube connection (9) on the main unit. Ensure it is firmly attached to prevent air leaks.
2. **Assemble the Blower Pipe:** Connect the blower pipe sections (12) and the power nozzle (13) together. Then, attach this assembly to the flexible tube (10). Ensure all connections are tight.
3. **Adjust Harness:** Put on the backpack harness and adjust the padded shoulder straps to fit your body comfortably. The unit should sit securely on your back, distributing the weight evenly.
4. **Fuel Mixture:** This unit uses a 2-stroke engine. Mix unleaded gasoline with high-quality 2-stroke engine oil at the ratio specified in the engine manual (typically 40:1 or 50:1). Always use a clean, approved fuel container.
5. **Fill Fuel Tank:** Carefully pour the prepared fuel mixture into the fuel tank (6) using a funnel. Do not overfill. Securely close the fuel tank cap (5).



**Image:** A close-up view of the HECHT 972's engine and fuel tank, emphasizing its powerful 2-stroke engine. This image illustrates the robust construction and the fuel type required for operation.

## 5. OPERATING INSTRUCTIONS

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### Starting the Engine:

1. Place the blower on a flat, stable surface.
2. Ensure the control lever (11) is in the "START" or "ON" position.
3. If the engine is cold, engage the choke.
4. Press the primer bulb several times until fuel is visible.
5. Pull the recoil starter handle (4) firmly and smoothly until the engine starts. Do not pull the cord to its full extension.
6. Once the engine starts, gradually disengage the choke.
7. Allow the engine to warm up for a few moments before operating at full throttle.

## Operating the Blower:

- Wear the backpack blower comfortably on your back, ensuring the straps are snug.
- Hold the control lever (11) firmly. The throttle control allows you to adjust the airflow intensity.
- Direct the blower pipe (12) towards the leaves or debris you wish to move. Use a sweeping motion to gather material.
- For stubborn or wet leaves, use the full power of the blower. The HECHT 972 offers a high air performance of 1440 m³/h.
- Avoid directing the air stream towards people, animals, or fragile objects.



**Image:** A user demonstrating the HECHT 972 backpack leaf blower in action, effectively clearing a large volume of leaves from a paved area. This image highlights the ergonomic design and powerful performance.

## HECHT Benzin-Laubbläser auf einen Blick:

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|----------------------|-------------------------|
| 1. Tragegriff        | 8. Abgas-Auslassöffnung |
| 2. Luftfilter        | 9. Blasrohranschluss    |
| 3. Zündkerzenstecker | 10. Flex-Rohr           |
| 4. Seilzugstarter    | 11. Bedienhebel         |
| 5. Tankdeckel        | 12. Blasrohr            |
| 6. Kraftstofftank    | 13. Powerdüse           |
| 7. Tragrahmen        |                         |



**Image:** A close-up of a hand gripping the control handle of the HECHT 972 leaf blower. This image illustrates the convenient placement of controls for easy and intuitive operation during use.

### Stopping the Engine:

- Move the control lever (11) to the "STOP" or "OFF" position.
- Allow the engine to cool down before storing.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your leaf blower.

- **Air Filter Cleaning:** Regularly check and clean the air filter (2). A clogged air filter can reduce engine performance. Clean with warm, soapy water, rinse, and allow to dry completely before reinstallation.
- **Spark Plug Inspection:** Periodically inspect the spark plug. Clean or replace if it is fouled or worn. Ensure the gap is correct according to the engine specifications.

- **Fuel System:** If storing for an extended period (more than 30 days), drain the fuel tank (6) and run the engine until it stops to clear the carburetor of fuel. This prevents fuel degradation and gumming.
- **General Cleaning:** Keep the exterior of the blower clean. Remove any debris from the air intake vents to prevent overheating.
- **Lubrication:** Refer to the engine manual for any specific lubrication points.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect fuel mixture; Choke not engaged (cold engine); Spark plug fouled or loose; Kill switch in OFF position.	Check fuel level and mixture; Engage choke for cold start; Clean/replace spark plug and ensure connection; Move kill switch to ON.
Loss of power during operation	Clogged air filter; Incorrect fuel mixture; Overheating.	Clean air filter; Ensure correct fuel-oil ratio; Allow engine to cool, check for obstructions.
Excessive smoke from exhaust	Too much oil in fuel mixture; Engine burning oil.	Drain fuel and refill with correct mixture; Consult a service technician if problem persists.
Vibration or unusual noise	Loose components; Damaged fan/impeller.	Check all fasteners and tighten; Inspect fan/impeller for damage, contact service if damaged.

## 8. SPECIFICATIONS

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- Model:** HECHT 972
- Engine Type:** 2-stroke gasoline engine
- Engine Displacement:** 79.4 cm<sup>3</sup>
- Engine Power:** 4.6 HP (3.4 kW)
- Air Performance:** 1440 m<sup>3</sup>/h
- Fuel Tank Volume:** 2.5 Liters
- Weight:** 11 Kilograms
- Dimensions (Package):** 55 x 55 x 43 cm
- Power Source:** Gasoline operation
- Special Feature:** Long lifespan, Robust and durable design

## 9. WARRANTY AND SUPPORT

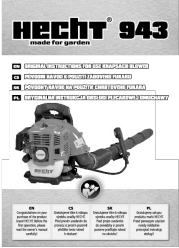




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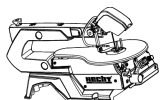
For warranty information, technical support, or spare parts, please contact your authorized HECHT dealer or the manufacturer directly. Keep your proof of purchase for warranty claims.

Manufacturer: Hecht

For further assistance, visit the official Hecht website or contact customer service.

Related Documents - 972

	<p><a href="#">HECHT 943 Petrol Leaf Blower User Manual</a></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>
	<p><a href="#">HECHT 746 R/747 R Motor Cultivator User Manual</a></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><a href="#">HECHT HC 22 Hydraulic Oil - Safety Data Sheet &amp; Technical Information</a></p> <p>Comprehensive safety data sheet and technical information for HECHT HC 22 hydraulic oil, including handling, storage, safety precautions, and properties. Learn about its composition and intended uses.</p>
	<p><a href="#">Hecht 6642 Petrol Shredder User Manual</a></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><a href="#">HECHT GG 950 DC Бензинов Генератор - Инструкции за Употреба</a></p> <p>Ръководство за употреба на бензинов генератор HECHT GG 950 DC. Съдържа информация за безопасност, експлоатация, поддръжка и спецификации.</p>



[HECHT 8916 Scroll Saw: User Manual and Safety Instructions](#)

Comprehensive user manual and safety instructions for the HECHT 8916 Scroll Saw, covering operation, maintenance, specifications, troubleshooting, and warranty information.