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› [Greencut](#) /

› GREENCUT GGT650X-9 Petrol Brushcutter User Manual

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Model: GGT650X-9

1. SAFETY INFORMATION

Before operating the GREENCUT GGT650X-9 brushcutter, carefully read and understand all safety instructions. Failure to follow these instructions may result in serious injury or property damage.

Personal Protective Equipment (PPE)

- **Eye Protection:** Always wear safety glasses or goggles to protect against flying debris.
- **Hearing Protection:** Use ear defenders or earplugs to prevent hearing damage from engine noise.
- **Hand Protection:** Wear sturdy work gloves to protect hands from cuts and vibrations.
- **Foot Protection:** Wear sturdy, non-slip footwear, preferably with steel toes.
- **Body Protection:** Wear long pants and a long-sleeved shirt. Avoid loose clothing that could get caught in moving parts.

General Safety Precautions

- Keep bystanders, children, and pets at a safe distance (at least 15 meters) from the operating area.
- Inspect the brushcutter for any damage, loose parts, or worn components before each use. Do not operate if damaged.
- Handle fuel with extreme care. Mix fuel in a well-ventilated area, away from open flames or ignition sources.
- Never refuel a hot engine. Allow the engine to cool down before adding fuel.
- Ensure all guards are properly installed and securely fastened before starting the engine.
- Do not operate the brushcutter in wet conditions, on slippery surfaces, or near electrical power lines.
- Maintain a firm grip on both handles during operation.
- Avoid operating the brushcutter when fatigued or under the influence of alcohol or medication.

2. PRODUCT OVERVIEW

The GREENCUT GGT650X-9 is a robust and versatile 65cc 4.9hp 2-stroke petrol brushcutter designed for efficient clearing of dense vegetation, tall grass, and brush. Its ergonomic design ensures comfort during prolonged use, while the powerful engine provides consistent performance.



Figure 2.1: General view of the GREENCUT GGT650X-9 petrol brushcutter in use.

Key Features

- **Powerful 65cc 2-Stroke Engine:** Delivers 4.9hp for demanding cutting tasks.
- **Ergonomic Handlebar:** Designed for enhanced stability and user comfort, reducing fatigue during long work sessions.
- **Easy Start System:** Features automatic decompression for quick and reliable starting.
- **Aluminium Structure:** Provides high lightness without compromising on strength, allowing access to difficult areas.
- **Interchangeable Accessories:** Includes a variety of cutting heads for different types of vegetation.
- **Adjustable Shoulder Harness:** Distributes weight evenly for improved comfort and reduced effort.



TAP'NGO SYSTEM
System Automatic thread adjustment.



ERGONOMIC HANDLEBAR
Reduces fatigue and improves machine control.



EASY START SYSTEM
Automatic decompression starter system,



ALUMINIUM STRUCTURE
Offers high lightness without compromising on strength.

Figure 2.2: Detailed view of the Tap'n'Go system, ergonomic handlebar, easy start system, and aluminum structure.

3. ASSEMBLY AND SETUP

Proper assembly is crucial for safe and efficient operation. Follow these steps carefully.

3.1 Unpacking and Inspection

- Carefully remove all components from the packaging.
- Check for any shipping damage or missing parts. Contact your retailer if any issues are found.

3.2 Handlebar Assembly

Attach the ergonomic handlebar to the main shaft. Ensure it is positioned comfortably and securely tightened with the provided fasteners. The handlebar should allow for a balanced grip and control.

3.3 Shaft Assembly (if applicable)

If your model has a split shaft, connect the two sections by aligning the arrows and pushing them together until the locking button engages. Secure with the locking knob.

3.4 Cutting Head Attachment

Select the appropriate cutting head for your task. The GGT650X-9 comes with a variety of options:

- Semi-automatic nylon line head (Tap'n'Go system)
- Multi-strand aluminum head
- Various metal blades (2, 3, 8, 40-point discs, 40-point Widia disc, 2 and 3-point shredder discs)

Follow the specific instructions provided with each accessory for secure attachment. Ensure the cutting head is firmly seated and the retaining nut is tightened.



Figure 3.1: Selection of interchangeable cutting heads.

3.5 Safety Guard Installation

Mount the safety guard firmly above the cutting head. This guard is essential for protecting the operator from flying debris. Ensure it is correctly aligned and tightened.

3.6 Harness Adjustment

Attach the adjustable shoulder harness to the brushcutter. Adjust the straps to ensure the tool is balanced and

comfortable to carry. The harness should distribute the weight evenly across your shoulders and back, reducing strain during operation.



Figure 3.2: Proper adjustment of the shoulder harness.

3.7 Fuel Mixing

The GGT650X-9 uses a 2-stroke engine, requiring a specific mixture of unleaded petrol and 2-stroke engine oil. Refer to the engine manual for the exact mixing ratio (typically 25:1 or 50:1, depending on the oil type). Use a clean, approved fuel container for mixing. Always mix fuel in a well-ventilated area, away from any ignition sources.

4. OPERATION

Follow these steps for safe and effective operation of your brushcutter.

4.1 Fueling the Tank

- Ensure the engine is cool before refueling.
- Carefully open the fuel cap.
- Pour the pre-mixed fuel into the tank, avoiding overfilling.

- Securely tighten the fuel cap. Wipe up any spilled fuel immediately.

4.2 Starting the Engine (Easy Start System)

1. Place the brushcutter on a flat, stable surface, ensuring the cutting head is clear of any obstructions.
2. Set the engine stop switch to the 'ON' position.
3. Engage the choke lever (if applicable, usually for cold starts).
4. Press the primer bulb several times until fuel is visible in the return line.
5. Pull the starter cord firmly and smoothly until the engine attempts to start (usually a few pulls).
6. Once the engine attempts to start, disengage the choke lever.
7. Pull the starter cord again until the engine starts and runs smoothly.
8. Allow the engine to warm up for a few moments at idle speed before engaging the throttle.

4.3 Operating the Brushcutter

- Maintain a stable stance and a firm, two-handed grip on the handlebar.
- Use a controlled, sweeping motion to cut vegetation. Avoid forcing the cutting head into dense material.
- For nylon line heads with the Tap'n'Go system, gently tap the cutting head on the ground while the engine is running to advance the line.
- Always keep the cutting head away from your body and legs.
- Be aware of kickback when using blades, especially when cutting thicker brush or small saplings.

4.4 Stopping the Engine

- Release the throttle trigger.
- Press the engine stop switch to the 'OFF' position.
- Allow the engine to cool down before storing or performing maintenance.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your brushcutter.

5.1 After Each Use

- Clean the brushcutter thoroughly, removing grass, dirt, and debris from the engine, cooling fins, and cutting head.
- Inspect the cutting head for wear, damage, or dullness. Replace worn nylon line or damaged blades.
- Check all fasteners for tightness and tighten as necessary.

5.2 Regular Maintenance Schedule

- **Air Filter:** Clean or replace the air filter regularly (e.g., every 10-15 hours of operation) to ensure proper engine performance and prevent dust ingress.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if electrodes are worn or fouled.
- **Fuel Filter:** Check and clean or replace the fuel filter in the fuel tank as needed.
- **Gearbox Lubrication:** Lubricate the gearbox at the cutting head end according to the manufacturer's recommendations (e.g., every 25 hours) using appropriate grease.

5.3 Storage

- For short-term storage, ensure the brushcutter is clean and dry.
- For long-term storage (over 30 days), drain the fuel tank and run the engine until it stops to clear the carburetor of

fuel, or use a fuel stabilizer.

- Store the brushcutter in a dry, well-ventilated area, away from direct sunlight, extreme temperatures, children, and any ignition sources.

6. TROUBLESHOOTING

This section provides solutions for common operational issues.

Problem	Possible Cause	Solution
Engine fails to start	No fuel or incorrect fuel mixture Stop switch in 'OFF' position Spark plug fouled or loose Air filter blocked Choke not used or used incorrectly	Check fuel level and mixture Move stop switch to 'ON' Clean or replace spark plug; ensure connection Clean air filter Follow starting procedure correctly
Loss of power during operation	Air filter blocked Incorrect fuel mixture Spark plug issue Overheating	Clean air filter Ensure correct fuel-oil ratio Inspect/replace spark plug Clean cooling fins; allow engine to cool
Excessive vibration	Damaged or unbalanced cutting head Loose fasteners Bent shaft	Inspect and replace cutting head if damaged Check and tighten all bolts and nuts Contact service center if shaft is bent
Engine runs, but cutting head does not rotate	Clutch issue Drive shaft broken or disconnected	Contact service center for clutch or drive shaft inspection

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

7. SPECIFICATIONS

Technical details for the GREENCUT GGT650X-9 brushcutter.

Feature	Specification
Brand	Greencut
Model	GGT650X-9 (Part Number: GGT650 9-1)
Engine Type	2-Stroke Petrol
Displacement	65 cc
Power Output	4.9 hp (approx. 3.6 kW)
Maximum RPM	10000 RPM
Power Source	Gas Powered

Feature	Specification
Product Dimensions (L x W)	176 cm x 24 cm
Item Weight	12 Kilograms
Color	Red
Cordless	Yes
Included Accessories	Semi-automatic nylon line head, multi-strand aluminum head, 2, 3, 8, 40-point discs, 40-point Widia disc, 2 and 3-point shredder discs.



Figure 7.1: Dimensions and engine specifications.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Greencut

website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical assistance, spare parts, or any other support inquiries, please contact your retailer or the Greencut customer service department. Contact details can typically be found on the product packaging or the official brand website.

Online Resources: You may find additional support, FAQs, and product information on the [Greencut Brand Store](#).

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