

## Greencut GGT650X-8

# GREENCUT GGT650X-8 Petrol Brushcutter User Manual

Model: GGT650X-8

## 1. INTRODUCTION

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Thank you for choosing the GREENCUT GGT650X-8 Petrol Brushcutter. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before using the brushcutter and keep it for future reference. Proper use and maintenance will ensure optimal performance and extend the life of your equipment.

## 2. SAFETY INSTRUCTIONS

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**WARNING: Failure to follow these safety instructions can result in serious injury or death.**

### 2.1 General Safety

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, long pants, and sturdy footwear.
- Never operate the brushcutter under the influence of alcohol, drugs, or medication that may impair judgment.
- Keep children, bystanders, and pets at a safe distance (at least 15 meters) from the operating area.
- Inspect the work area for obstacles such as rocks, wires, or debris before starting.
- Do not operate in wet conditions or rain.

### 2.2 Fuel Safety

- Mix fuel (unleaded 95 petrol and synthetic 2-stroke oil at a 4% ratio) in a well-ventilated area away from ignition sources.
- Store fuel in approved containers and away from heat or open flames.
- Never refuel a hot engine. Allow the engine to cool before adding fuel.
- Wipe up any spilled fuel immediately.

## 2.3 Operation Safety

- Ensure all guards and attachments are correctly installed before operation.
- Hold the brushcutter firmly with both hands using the ergonomic double-grip handlebars.
- Be aware of kickback, especially when using blades.
- Use the engine lock system for added safety when not actively cutting.
- Turn off the engine before making any adjustments or clearing blockages.

## 3. PRODUCT OVERVIEW

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The GREENCUT GGT650X-8 is a versatile and robust petrol brushcutter designed for effective grass and weed control. It features a powerful 65cc 2-stroke engine and a range of interchangeable cutting accessories.

### 3.1 Key Features

- **Engine:** 65cc, 4.9hp 2-stroke petrol engine.
- **Starting System:** Easy-Start and CDI electronic ignition for reliable starting.
- **Air Filtration:** Double-element air filter for reduced wear and maintenance.
- **Handlebars:** Ergonomic double-grip handlebars with integrated controls and safety throttle lock.
- **Cutting System:** Tap 'n Go system for quick accessory changes.
- **Shaft:** Divisible shaft for easy transport and storage.

### 3.2 Components and Included Accessories

The following components and accessories are typically included with your GREENCUT GGT650X-8 brushcutter:



## MODEL GGT650X-8

### Includes:

- Brushcutter (x1)
- 8 point circular blade (x1)
- Nylon line head (x2)
- 2 point blade (x2)
- 3 point blade (x1)
- Circular blade (x2)
- Reinforced and padded harness (x1)
- Protection kit (x1)
- Instruction manual (x1)



Image: The GREENCUT GGT650X-8 brushcutter with its various cutting heads, harness, and protection kit.

- Brushcutter unit (x1)
- 8-point circular blade (x1)
- Nylon line head (x2)
- 2-point blade (x2)
- 3-point blade (x1)
- Circular blade (x2)
- Reinforced and padded harness (x1)
- Protection kit (x1)
- Instruction manual (x1)

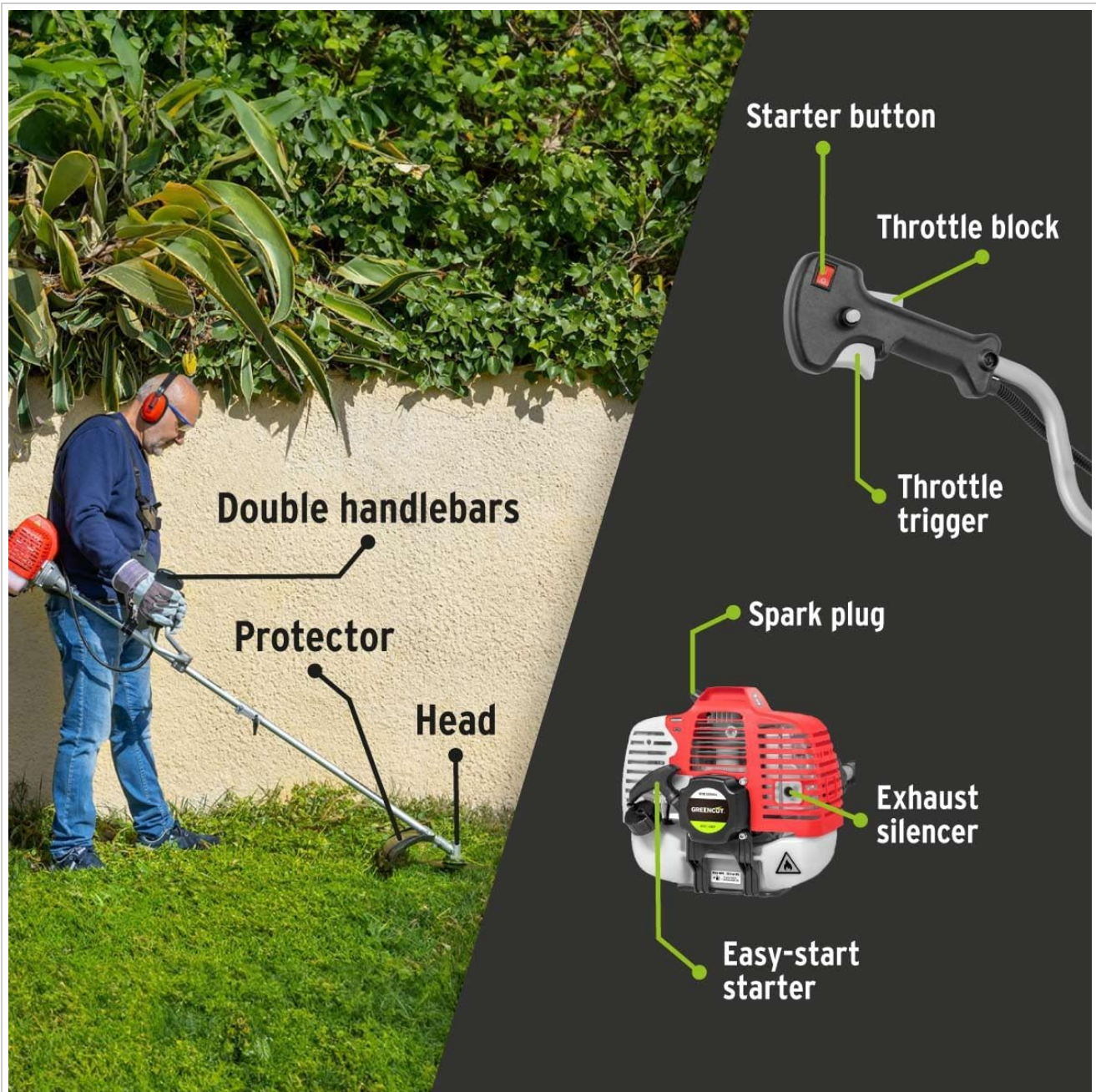


Image: Diagram showing key parts: Starter button, Throttle block, Throttle trigger, Spark plug, Exhaust silencer, Easy-start starter, Double handlebars, Protector, and Head.

## 4. SETUP AND ASSEMBLY

### 4.1 Assembling the Shaft and Handlebars

1. Connect the two sections of the divisible shaft. Ensure the connection is secure and locked into place.
2. Attach the double-grip handlebars to the shaft at a comfortable working height. Tighten all fasteners securely.

### 4.2 Attaching the Guard and Cutting Head

1. Mount the protective guard over the cutting head area. Ensure it is firmly attached to prevent debris from striking the operator.
2. Select the appropriate cutting head for your task:
  - **Nylon Line Head:** Ideal for fine grass and delicate turf.

# 2-wire and 4-wire heads

Together with the 8-tooth circular blades, they cut fine grass and delicate turf.



Image: Two types of nylon line heads, suitable for cutting fine grass and delicate turf.

- **2-point and 3-point Blades:** Suitable for shredding bushes, brambles, shrubs, and other plants.

## 2 and 3 point blades

The pointed blades shred bushes, brambles, shrubs and other plants.



Image: Examples of 2-point and 3-point blades, effective for tougher vegetation.

- **Circular Blades (8-point, 40-tooth, Widia 40-tooth, 2-tooth shredder):** Best for areas with shrubs, bushes, brambles, and thin trees.

# Circular blades

Are ideal for areas with shrubs, bushes, brambles and thin trees.



Image: Two types of circular blades, designed for dense vegetation and small woody growth.

3. Attach the chosen cutting head using the Tap 'n Go system as per the instructions provided with the accessory. Ensure it is securely fastened.

## 4.3 Fuel Mixture

The GGT650X-8 uses a 2-stroke engine and requires a specific fuel mixture:

- Mix **unleaded 95 petrol** with **synthetic 2-stroke engine oil** at a ratio of **4% oil to petrol** (e.g., 40ml oil per 1 liter of petrol).
- Use a clean, approved fuel mixing container.
- Shake the mixture well before pouring it into the brushcutter's fuel tank.
- Ensure the fuel tank cap is securely closed to prevent leaks.

## 5. OPERATING INSTRUCTIONS

### 5.1 Starting the Engine (E-Start System)

1. Place the brushcutter on a flat, stable surface.
2. Ensure the fuel tank is filled with the correct fuel mixture.

3. Set the choke lever to the 'START' or 'CLOSED' position (consult engine diagram for exact location).
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 or fires briefly. Do not pull the cord to its full extension.
6. Once the engine fires, move the choke lever to the 'RUN' or 'OPEN' position.
7. Pull the starter cord again until the engine starts.
8. Allow the engine to warm up for a few moments before engaging the throttle.

## 5.2 Operating the Brushcutter

- Wear the reinforced and padded harness for comfort and stability. Adjust it to fit properly.
- Hold the brushcutter with both hands on the handlebars.
- To increase engine speed and engage the cutting head, press the throttle trigger. The throttle has a safety lock that must be disengaged first.
- Move the cutting head in a sweeping motion across the vegetation.
- Avoid striking hard objects or the ground with the cutting head.

## 5.3 Stopping the Engine

- Release the throttle trigger to allow the engine to return to idle speed.
- Press the engine stop button (usually located on the handlebar controls) to shut off the engine.

## 6. MAINTENANCE

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Regular maintenance is crucial for the longevity and safe operation of your brushcutter.

### 6.1 Air Filter Cleaning

- Periodically inspect and clean the double-element air filter.
- Remove the air filter cover and carefully take out the filter elements.
- Clean foam elements with warm, soapy water, rinse thoroughly, and allow to dry completely. Lightly oil foam elements before reinstallation.
- Clean paper elements by tapping them gently or using compressed air (from the inside out). Do not wash paper elements.
- Reinstall the clean filter elements and secure the cover.

### 6.2 Spark Plug Inspection

- Remove the spark plug cover and disconnect the spark plug wire.
- Use a spark plug wrench to remove the spark plug.
- Inspect the spark plug for carbon buildup or damage. Clean with a wire brush if necessary.
- Check the electrode gap and adjust if needed (refer to specifications for correct gap).
- Replace the spark plug if it is heavily fouled or damaged.
- Reinstall the spark plug and reconnect the wire.

### 6.3 Cutting Head Maintenance

- Regularly inspect cutting blades for sharpness and damage. Sharpen or replace as needed.
- For nylon line heads, replace the line when it becomes too short or worn.

- Keep the cutting head area free of tangled grass and debris.

## 6.4 Storage

- Before storing, clean the brushcutter thoroughly.
- Drain the fuel tank or run the engine until it runs out of fuel to prevent fuel degradation issues.
- Store the brushcutter in a dry, well-ventilated area, out of reach of children.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your brushcutter.

Problem	Possible Cause	Solution
Engine won't start	No fuel or incorrect fuel mix Choke in wrong position Spark plug fouled or damaged Air filter clogged	Check fuel level and mix Adjust choke lever Clean or replace spark plug Clean air filter
Engine starts then stalls	Choke still on Fuel line clogged Idle speed too low	Move choke to RUN position Check and clear fuel line Adjust idle speed screw
Loss of power during operation	Air filter clogged Spark plug issue Incorrect fuel mix Overheating	Clean air filter Inspect/replace spark plug Verify fuel mix Allow engine to cool, check for obstructions
Excessive vibration	Damaged or unbalanced cutting head Loose components	Inspect and replace cutting head if damaged Check and tighten all fasteners

## 8. TECHNICAL SPECIFICATIONS

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## ENGINE DESCRIPTION



2-stroke petrol engine



Cylinder: 65 cc



Power: 4,9 cv



Speed: 10.000 rpm



Image: Visual representation of the engine's key specifications.

Feature	Specification
Model Number	GGT650X-8 (GGT650 8-1)
Engine Type	2-stroke, Petrol
Displacement	65 cm <sup>3</sup>
Power Output	4.9 hp
Maximum Speed	10,000 rpm
Minimum Speed	3,000 rpm
Fuel Tank Capacity	1 Liter
Fuel Type	Unleaded 95 Petrol + Synthetic 2-stroke Oil (4% mix)
Starting System	Easy-Start, CDI Electronic Ignition

Feature	Specification
Air Filter	Double-element
Clutch Type	Centrifugal
Shaft Diameter	26 mm
Shaft Thickness	2 mm
Transmission Rod Diameter	8 mm
Accessory Bar Length	80 cm
Dimensions (L x W x H)	160 x 65 x 30 cm
Weight	11.3 kg



Image: Diagram illustrating the overall dimensions of the brushcutter.

## 9. WARRANTY AND SUPPORT

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Your GREENCUT GGT650X-8 brushcutter is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details. For technical support, spare parts, or warranty claims, please contact your authorized GREENCUT dealer or visit the official GREENCUT website for customer service information. Ensure you have your product model number (GGT650X-8) and proof of purchase available when seeking support.