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› Cuteam 5-in-1 52CC Gas Multi-Function Garden Tool User Manual

Cuteam 52cc

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Model: 52cc

1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for the safe and effective operation, assembly, and maintenance of your Cuteam 5-in-1 52CC Gas Multi-Function Garden Tool. This versatile tool combines a string trimmer, brush cutter, hedge trimmer, and chainsaw/pruner into a single powerful unit, designed for various outdoor landscaping and gardening tasks.

Please read this manual thoroughly before operating the tool to ensure proper use and to prevent injury or damage. Keep this manual for future reference.

2. SAFETY INFORMATION

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

2.1 Personal Protective Equipment (PPE)

- Always wear safety goggles or glasses to protect your eyes from flying debris.
- Wear a headset or ear protection to prevent hearing damage from engine noise.
- Wear heavy-duty gloves to protect hands.
- Wear long pants, long sleeves, and sturdy, non-slip footwear.
- A hard hat is recommended when using the chainsaw/pruner attachment, especially overhead.

2.2 Fuel Handling Safety

- Gasoline is highly flammable. Handle with extreme care.
- Mix fuel in a well-ventilated area, away from sparks, open flames, or other ignition sources.
- Do not smoke while handling fuel.
- Store fuel in approved containers in a cool, dry place.
- Never refuel a hot or running engine. Allow the engine to cool before refueling.

- Wipe up any spilled fuel immediately.

2.3 Work Area Safety

- Keep children, bystanders, and pets at a safe distance (at least 15 meters / 50 feet) from the operating area.
- Clear the work area of obstacles, debris, and anything that could be thrown by the cutting attachment.
- Do not operate the tool in wet conditions or in areas with poor visibility.
- Maintain firm footing and balance at all times.

2.4 General Operation Safety

- Inspect the tool before each use for loose fasteners, damaged parts, or fuel leaks. Do not operate if damaged.
- Ensure all guards and safety devices are in place and functioning correctly.
- Never modify the tool or remove any safety features.
- Hold the tool firmly with both hands during operation.
- Be aware of kickback when using the brush cutter or chainsaw attachments.
- Turn off the engine before making adjustments, clearing clogs, or performing maintenance.

3. PACKAGE CONTENTS

Carefully unpack all items and check against the list below. If any parts are missing or damaged, contact your retailer.

- 1 x Main Engine Unit
- 1 x Control Rod
- 1 x Extension Rod
- 1 x Hedge Trimmer Attachment Rod
- 1 x Chainsaw Attachment
- 1 x Brush Cutter/String Trimmer Attachment Rod
- 1 x Fuel Mixing Oil Tank
- 1 x Funnel
- 1 Pair of Safety Goggles
- 1 x Headset (Ear Protection)
- 1 x 40-Tooth Blade (for Brush Cutter)
- 1 x Plastic Cutting Grass Head (for String Trimmer)
- 1 x Nylon Rope (for String Trimmer Head)
- 1 x Head Cover (Guard)
- 1 x Installation Tool Kit
- 1 x User Manual (this document)

4. ASSEMBLY INSTRUCTIONS

The Cuteam 5-in-1 tool requires assembly before first use. Use the provided installation tool kit for secure fastening.

4.1 Main Unit Assembly

1. Attach the control rod to the main engine unit. Ensure it is securely fastened with the appropriate clamps and screws from the tool kit.

2. Connect the extension rod to the control rod. The modular design allows for easy attachment and detachment.
3. Install the ergonomic handle onto the control rod at a comfortable position for balanced operation. Tighten all fasteners.

Show details

High-strength shock-proof and loss-proof plastic parts Easy to start device



**Prevent error
safe protection device**



**Comfortable handle
Ergonomic design**



**Can be replaced
apply more scenarios**

Figure 1: Close-up view of the Cuteam 5-in-1 garden tool's engine, ergonomic handle, and quick-release shaft connection. This detailed image highlights the robust engine unit, the ergonomically designed handle for comfortable operation, and the secure, easy-to-use connection point for interchanging attachments.

4.2 Attaching Specific Tools

Each attachment (hedge trimmer, chainsaw, brush cutter/string trimmer) connects to the end of the extension rod. Ensure the connection is firm and locked into place before use.

- **For String Trimmer/Brush Cutter:** Attach the cutting rod, then secure the head cover (guard). Install either the plastic cutting grass head with nylon rope or the 40-tooth blade as needed.
- **For Hedge Trimmer:** Attach the hedge trimmer rod to the extension rod.
- **For Chainsaw:** Attach the chainsaw attachment to the extension rod. Ensure the chain is properly tensioned and lubricated.

5. SETUP AND FUELING

5.1 Fuel Mixing (2-Stroke Engine)

This tool uses a 2-stroke engine and requires a specific gasoline-to-oil mixture. Refer to the engine specifications for the exact ratio (typically 25:1 or 50:1, consult your engine manual for precise details). Use fresh, unleaded gasoline and high-quality 2-stroke engine oil.

1. Use the provided fuel mixing oil tank to accurately measure the gasoline and 2-stroke oil.
2. Pour the correct amount of 2-stroke oil into the mixing tank.
3. Add the corresponding amount of gasoline.
4. Securely close the mixing tank and shake gently to ensure thorough mixing.

5.2 Fueling the Tool

Always refuel in a well-ventilated outdoor area, away from ignition sources.

1. Ensure the engine is off and cool.
2. Carefully open the fuel tank cap on the main engine unit.
3. Using the funnel, pour the mixed fuel into the tool's fuel tank (capacity: 1.2L). Do not overfill.
4. Securely replace the fuel tank cap.
5. Wipe away any spilled fuel before starting the engine.

5.3 Chainsaw Chain Lubrication (for Chainsaw Attachment)

The chainsaw attachment requires bar and chain oil for lubrication. Fill the chainsaw's oil reservoir (capacity: 120 cubic centimeters) with appropriate bar and chain oil before each use.

6. OPERATING INSTRUCTIONS

6.1 Starting the Engine

Follow these steps to start the 52cc gasoline engine:

1. Place the tool on a flat, stable surface.
2. Ensure the ignition switch is in the 'ON' position.
3. **For a cold engine:** Pull the choke/damper lever to the 'CLOSED' position.
4. Pull the start handle 5-8 times until you hear the engine briefly ignite or 'pop'.
5. **After the 'pop' (or for a warm engine):** Push the choke/damper lever to the 'OPEN' position.
6. Pull the start handle 1-3 more times until the engine starts and runs smoothly.
7. Allow the engine to warm up for a few moments before engaging the throttle.



Pull the start handle

Pull the start handle 5-8 times, when you hear the machine's ignition sound, that is, when the sound is different from the previous few times (when the snore 0 bangs, then push the damper back in. If you don't push it back to the machine I won't post it!)

Close the damper, pull the start handle 1-3 times again to start it, then it can be used normally

Note: The air door is used to adjust the amount of air entering. When the engine is cold or not used for a long time, the air door needs to be pulled. If it is a warm engine, it can be started directly. This is the same as the principle of starting a motorcycle!



Figure 2: Visual instructions for starting the Cuteam 52cc gasoline engine, showing the pull start handle and choke/damper lever. This image provides a step-by-step visual guide for starting the engine. It shows the pull start handle, which needs to be engaged 5-8 times, and the damper lever, which should be closed after initial pulls for a warm engine or after 1-3 pulls for a cold engine.

6.2 Using the String Trimmer

The string trimmer is ideal for cutting grass and light weeds around obstacles, fences, and edges.

- Ensure the plastic cutting grass head with nylon rope is securely installed and the head cover is in place.
- Hold the tool firmly with both hands, maintaining balance.
- Keep the cutting head parallel to the ground.
- Use a sweeping motion to cut grass. Avoid hitting hard objects.



Figure 3: User operating the Cuteam 5-in-1 multi-function garden tool in string trimmer mode. This image shows a person using the multi-function tool configured as a string trimmer, demonstrating its application for cutting grass and light vegetation in a residential yard.

6.3 Using the Brush Cutter

The brush cutter, equipped with the 40-tooth blade, is suitable for clearing thick bramble, shrubs, dense weeds, and nettles.

- Ensure the 40-tooth blade is securely installed and the head cover is in place.
- Maintain a firm grip and stable stance.
- Cut with a controlled, deliberate motion. Be aware of potential kickback, especially when cutting thicker material.
- Avoid contact with rocks or metal objects that can damage the blade.

52cc multi -function Gasoline cutting machine

The chain saw with a hedgery machine and a grass cutter to meet a variety of work needs



Figure 4: User operating the Cuteam 5-in-1 multi-function garden tool with the brush cutter attachment. A user is depicted using the brush cutter attachment of the multi-function tool to clear dense weeds and brush in an open field, illustrating its capability for heavier vegetation.



Gasoline cutting machine

Clear weeds anywhere, you can remove the weed tools in lanes, sidewalks, terraces, decks, and other places you don't want to use to keep the house clean and tidy. There are a lot of cost-effective accessories with accessories, powerful power, combination of chain saws with hedgetic machines and grass cutting machines to meet a variety of work needs

Figure 5: User operating the Cuteam 5-in-1 garden tool with the brush cutter attachment in a heavily overgrown area. The image shows the multi-function tool, equipped with the brush cutter, being used to clear a heavily overgrown garden area, emphasizing its power and effectiveness in challenging conditions.

6.4 Using the Hedge Trimmer

The hedge trimmer attachment is designed for shaping and trimming hedges and bushes.

- Ensure the hedge trimmer attachment is securely fastened.
- Hold the tool with both hands, maintaining control.
- Cut with a smooth, even motion. Avoid cutting branches thicker than the specified cutting ability (M24mm).
- Be aware of the blade's movement and keep hands and body clear.

6.5 Using the Chainsaw/Pruner

The chainsaw attachment is for cutting branches and small logs. The pruner function allows for reaching higher branches.

- Ensure the chainsaw attachment is securely fastened and the chain is properly tensioned and lubricated.
- Always maintain a firm grip and stable footing.

- Be extremely cautious of kickback. Never cut with the tip of the bar.
- Do not attempt to cut branches larger than the specified cutting length (200mm).
- When pruning overhead, wear a hard hat and ensure no one is standing below the cutting area.

Adding a straw or straw support to easily realize the harvester function



Barley



Sugar cane



Soybeans



Corn



Wheat



Rice



Rape



Reed



Shrub

Figure 6: This image displays a variety of plant types, from agricultural crops like corn and wheat to natural vegetation like reeds and shrubs. It serves to illustrate the broad range of cutting and clearing tasks that the Cuteam 5-in-1 multi-function garden tool can perform across different environments.

6.6 Stopping the Engine

To stop the engine, simply move the ignition switch to the 'OFF' position.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool. Always turn off the engine and disconnect the spark plug wire before performing any maintenance.

7.1 Cleaning

- After each use, clean the tool thoroughly. Remove grass, dirt, and debris from the engine, cooling fins, and

cutting attachments.

- Use a brush or compressed air for cleaning. Avoid using water directly on the engine.
- Clean cutting blades and chains, and apply a light coat of oil to prevent rust.

7.2 Spark Plug

- Inspect the spark plug periodically (e.g., every 25 hours of operation).
- Clean any carbon deposits and adjust the gap if necessary. Replace if worn or fouled.

7.3 Air Filter

- Clean the air filter regularly (e.g., every 10 hours of operation or more frequently in dusty conditions).
- Remove the filter, clean with warm soapy water, rinse thoroughly, and allow to dry completely. Re-oil if it's a foam filter (check manufacturer's instructions).

7.4 Cutting Attachments

- **Blades:** Sharpen brush cutter and hedge trimmer blades regularly. Replace bent, cracked, or excessively worn blades.
- **Chainsaw Chain:** Keep the chain sharp and properly tensioned. Replace dull or damaged chains. Ensure adequate bar and chain oil is always present during operation.
- **String Trimmer Line:** Replace nylon line as it wears down.

7.5 Storage

- Before long-term storage, drain the fuel tank or run the engine until it runs out of fuel to prevent fuel degradation.
- Clean the entire tool.
- Store the tool in a dry, well-ventilated area, out of reach of children.

8. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Engine will not start	<ul style="list-style-type: none"> • No fuel or incorrect fuel mix • Ignition switch OFF • Choke/damper position incorrect • Spark plug fouled or faulty • Air filter clogged 	<ul style="list-style-type: none"> • Fill with correct fuel mix • Turn ignition switch to ON • Adjust choke/damper as per starting instructions • Clean or replace spark plug • Clean air filter
Loss of power during operation	<ul style="list-style-type: none"> • Clogged air filter • Incorrect fuel mix • Dull cutting attachment • Engine overheating 	<ul style="list-style-type: none"> • Clean air filter • Use correct fuel mix • Sharpen or replace cutting attachment • Allow engine to cool, check cooling fins for blockage
Excessive vibration	<ul style="list-style-type: none"> • Loose fasteners • Damaged or unbalanced cutting attachment 	<ul style="list-style-type: none"> • Check and tighten all fasteners • Inspect and replace damaged cutting attachment

9. SPECIFICATIONS

Feature	Specification
Brand	Cuteam
Model Number	52cc
Power Source	Gas Powered
Engine Displacement	52cc
Engine Type	2-Stroke, Single Cylinder, Air-Cooled
Engine Power	2.3 kW
Engine Working Speed	8000-9500 r/min
Engine Idling Speed	3000 r/min
Fuel Tank Capacity	1.2 L
Item Weight	33.1 Pounds (approx. 15 kg)
Product Dimensions (L)	70.87 inches (180 cm)
Extension Rod Length	43.31 inches (134 cm)
String Trimmer Cut Width	14.96 inches (380 mm)
Brush Cutter Blade Type	3-Toothed
Brush Cutter Cutting Diameter	9.06 inches (230 mm)
Hedge Trimmer Cutting Length	15.75 inches (400 mm)
Hedge Trimmer Cutting Ability	M24mm (approx. 0.94 inches)
Chainsaw Bar Length	10 inches (250 mm)
Chainsaw Cutting Length	7.87 inches (200 mm)
Chainsaw No-Loading Chain Speed	10 m/s
Chainsaw Fuel Tank Capacity	120 Cubic Centimeter
Assembly Required	Yes
Cordless	Yes

10. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.