

**Stiga 294556848/S17**

# Stiga Combi 55 SQ Lawnmower User Manual

Model: 294556848/S17

## 1. INTRODUCTION

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The Stiga Combi 55 SQ is a robust and versatile self-propelled lawnmower designed for efficient lawn care. Featuring a powerful Stiga 160 cc engine, this model offers a 4-in-1 cutting system, allowing for collection, mulching, side discharge, and rear discharge. Its durable steel deck, ergonomic soft-grip handle, and central cutting height adjustment ensure comfortable and effective operation across various lawn conditions. This manual provides detailed instructions for the safe assembly, operation, and maintenance of your Stiga Combi 55 SQ lawnmower.



Figure 1: Front view of the Stiga Combi 55 SQ Lawnmower.

## 2. SAFETY INFORMATION

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Always prioritize safety when operating the lawnmower. Failure to follow these instructions may result in serious injury or damage to the machine.

- **Read the Manual:** Before operating, read and understand all instructions in this manual.
- **Personal Protective Equipment (PPE):** Always wear sturdy footwear, long trousers, and eye protection. Consider hearing protection.
- **Clear the Area:** Before starting, clear the mowing area of stones, sticks, wires, and other debris that could be thrown by the blades.
- **Keep Bystanders Away:** Ensure children, pets, and other people are at a safe distance (at least 15 meters)

from the mowing area.

- **Fuel Handling:** Refuel outdoors in a well-ventilated area with the engine off and cool. Do not smoke while refueling.
- **Slope Operation:** Exercise extreme caution when mowing on slopes. Mow across the face of slopes, never up and down. Avoid excessively steep slopes.
- **Blade Safety:** Never place hands or feet near rotating parts. Disconnect the spark plug wire before performing any maintenance or clearing blockages.
- **Engine Off:** Turn off the engine and wait for the blade to stop completely before leaving the mower, clearing the grass collector, or making adjustments.
- **Maintenance:** Regularly inspect the mower for damage, loose parts, or worn blades. Replace damaged parts immediately.

### 3. SETUP AND ASSEMBLY

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Your Stiga Combi 55 SQ lawnmower requires some assembly before first use. Follow these steps carefully.

#### 3.1 Unpacking

- Carefully remove all components from the packaging.
- Check the contents against the packing list to ensure all parts are present.
- Retain packaging for future storage or transport.



Figure 2: Overview of components included with the Stiga Combi 55 SQ Lawnmower.

#### 3.2 Handle Assembly

- Unfold the lower handle section and secure it using the provided bolts and knobs.
- Attach the upper handle section to the lower section, ensuring the quick-release levers are securely fastened.
- Adjust the handle height to a comfortable operating position using the quick-release mechanism.

- Route the control cables along the handle and secure them with the provided clips. Ensure cables are not pinched.

### 3.3 Grass Collector Assembly

- Assemble the grass collector bag by attaching the fabric bag to the frame, if not pre-assembled.
- Lift the rear discharge flap and hook the grass collector onto the mower chassis. Ensure it is securely seated.

### 3.4 Fuel and Oil

- **Engine Oil:** Before first use, fill the engine with the recommended type and amount of engine oil (refer to engine manual for specifics, typically SAE 30 or 10W-30). Do not overfill.
- **Fuel:** Fill the fuel tank with fresh, unleaded gasoline. The fuel tank capacity is 1 liter. Do not use E85 or other alternative fuels.

## 4. OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your Stiga Combi 55 SQ lawnmower.

### 4.1 Starting the Engine

1. Ensure the spark plug wire is securely connected.
2. Push the primer bulb 3-5 times (if equipped) until fuel is visible.
3. Move the throttle lever (if present) to the "FAST" or "START" position.
4. Grip the engine brake lever firmly against the handle. The engine will not start unless this lever is held.
5. Pull the starter rope with a smooth, continuous motion until the engine starts. Do not let the rope snap back.
6. Once started, release the starter rope slowly.

### 4.2 Adjusting Cutting Height

The cutting height can be centrally adjusted to 5 positions, ranging from 25 mm to 80 mm.

- Ensure the engine is off and the blade has stopped rotating.
- Locate the central height adjustment lever on the mower deck.
- Pull the lever outwards and move it to the desired height setting.
- Release the lever, ensuring it locks into place.

### 4.3 Mowing Techniques (4-in-1 System)

The Combi 55 SQ offers four cutting options:

- **Collection:** For a tidy finish, attach the 70-liter grass collector. Empty the bag regularly to maintain collection efficiency.
- **Mulching:** For returning nutrients to the lawn, insert the mulching plug (if provided) into the rear discharge opening. This finely chops grass clippings.
- **Side Discharge:** For very tall grass or areas where collection is not required, attach the side discharge chute.
- **Rear Discharge:** For general mowing without collection, remove the grass collector and mulching plug.

For best results, mow when the grass is dry. Avoid cutting more than one-third of the grass blade length at a time. Overlap each pass slightly to ensure an even cut.



Figure 3: Side view of the Stiga Combi 55 SQ Lawnmower, showing the grass collector.

## 4.4 Stopping the Engine

To stop the engine, release the engine brake lever. The engine will shut off automatically.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your lawnmower. Always disconnect the spark plug wire before performing any maintenance.

### 5.1 Cleaning

- After each use, clean the underside of the mower deck to prevent grass buildup. The mower features a hose connection for easy cleaning; simply attach a garden hose and run the engine briefly (with blade engaged) to clean the deck.
- Clean the exterior of the mower with a damp cloth. Do not use high-pressure washers directly on the engine or electrical components.
- Empty and clean the grass collector regularly.

### 5.2 Blade Care

- Inspect the blade regularly for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn.
- Sharpen or replace the blade as needed. Always use genuine Stiga replacement parts.
- When removing or installing the blade, wear heavy-duty gloves and ensure the spark plug wire is disconnected.

### 5.3 Engine Maintenance

- **Oil Level:** Check the engine oil level before each use and top up if necessary. Change the oil according to the engine manufacturer's recommendations (typically after the first 5 hours, then every 25-50 hours).

- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions. A clogged air filter can reduce engine performance.
- **Spark Plug:** Inspect and clean the spark plug annually. Replace if worn or fouled.
- **Fuel System:** Use fresh fuel. For long-term storage, drain the fuel tank or use a fuel stabilizer.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine won't start	No fuel; Spark plug wire disconnected; Engine brake not engaged; Stale fuel; Clogged air filter.	Add fresh fuel; Connect spark plug wire; Hold engine brake lever; Drain and refill with fresh fuel; Clean/replace air filter.
Engine runs rough or stalls	Clogged air filter; Stale fuel; Dirty spark plug; Low oil level.	Clean/replace air filter; Drain and refill with fresh fuel; Clean/replace spark plug; Check and add oil.
Uneven cut	Dull or bent blade; Uneven wheel height adjustment; Excessive grass height.	Sharpen or replace blade; Ensure all wheels are set to the same height; Mow more frequently or raise cutting height.
Excessive vibration	Bent or unbalanced blade; Loose engine mounting bolts.	Inspect and replace blade if bent; Tighten all bolts. If problem persists, consult service.

## 7. SPECIFICATIONS

Technical specifications for the Stiga Combi 55 SQ Lawnmower.

Feature	Specification
Model	294556848/S17
Engine	Stiga ST 55 OHV, 160 cm³
Usable Power	2.51 kW @ 2800 rpm
Drive Type	Self-propelled, Rear-wheel drive
Speed	3.8 km/h
Cutting Width	53 cm
Cutting Height Positions	5 (central adjustment)
Cutting Height Range	25 – 80 mm
Cutting System	4-in-1 (Collection, Mulching, Side Discharge, Rear Discharge)
Grass Collector Capacity	70 liters (Hybrid with fabric)
Fuel Tank Capacity	1 liter

Feature	Specification
Deck Material	Alloy Steel
Wheels	200/280 mm on ball bearings with soft tread
Working Area	1600 – 2300 m <sup>2</sup>
Measured Sound Level	98 dB (A)
Vibration Level	7.5 m/s <sup>2</sup>
Net Weight	39 kg (85.98 lbs)

## 8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Stiga website. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service, please contact your authorized Stiga dealer or the Stiga customer service department. Ensure you have your model number (294556848/S17) and serial number ready when contacting support.