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Stiga SBC 252 D Petrol Brushcutter User Manual

Model: 287421002/17

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Stiga SBC 252 D petrol brushcutter. Please read this manual carefully before using the machine to ensure your safety and the longevity of the product.

1.1 General Safety Rules

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, sturdy footwear, and long trousers.
- Never operate the brushcutter under the influence of alcohol, drugs, or medication that may impair judgment.
- Keep bystanders, especially children and pets, at a safe distance (at least 15 meters) from the operating area.
- Inspect the work area for obstacles such as rocks, metal objects, or debris that could be thrown or damage the cutting head.
- Do not operate the brushcutter in poor light conditions or in wet weather.
- Ensure all guards and safety devices are in place and functioning correctly before starting the engine.

1.2 Fuel Safety

- Handle fuel with extreme care. It is highly flammable.
- Mix fuel and oil according to the manufacturer's specifications for two-stroke engines.
- Refuel outdoors and away from ignition sources. Do not smoke while refueling.
- Wipe up any spilled fuel immediately.
- Store fuel in approved containers in a cool, well-ventilated area.

2. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of your Stiga SBC 252 D brushcutter.



Figure 2.1: Overall view of the Stiga SBC 252 D petrol brushcutter. This image shows the complete assembly including the engine unit, shaft, handle, and cutting head with guard.



Figure 2.2: Close-up view of the control handle and shaft assembly. This image highlights the ergonomic handle design and the location of the throttle and stop switch.



Figure 2.3: Upright view of the brushcutter, illustrating the full length of the shaft and the cutting head. This perspective shows the balance of the machine.



Figure 2.4: Side view of the engine unit and the connection to the main shaft. This image provides a clear view of the engine housing and fuel tank.

Key Components:

- Engine Unit:** Houses the 2-stroke petrol engine.
- Fuel Tank:** For petrol-oil mixture.
- Starter Cord:** For manual engine starting.
- Shaft:** Connects the engine to the cutting head.
- Handlebar:** Ergonomic handle for control and maneuverability.
- Throttle Trigger:** Controls engine speed.
- Stop Switch:** For immediate engine shutdown.
- Cutting Head:** Equipped with a nylon line for trimming.
- Guard:** Protects the user from debris thrown by the cutting head.
- Harness Attachment Point:** For connecting a shoulder harness (not always included, but recommended for comfort).

3. SETUP AND ASSEMBLY

The Stiga SBC 252 D brushcutter 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.
- Dispose of packaging materials responsibly.

3.2 Handlebar Assembly

- Attach the handlebar to the main shaft using the provided clamps and bolts.
- Ensure the handlebar is positioned comfortably for your height and operating posture.
- Tighten all bolts securely.

3.3 Guard and Cutting Head Installation

- Slide the protective guard onto the lower part of the shaft, ensuring it is correctly aligned with the cutting head.
- Secure the guard with the screws provided.
- Attach the cutting head (trimmer line head) to the gearbox at the end of the shaft. Follow the specific instructions in the included assembly diagram for correct orientation and tightening.

3.4 Fuel Mixture Preparation

- This brushcutter uses a 2-stroke engine. Mix unleaded petrol with high-quality 2-stroke engine oil at the ratio specified by Stiga (typically 50:1 or 25:1, refer to engine label or quick start guide for exact ratio).
- Use a clean, approved fuel container for mixing.
- Shake the mixture thoroughly before pouring into the fuel tank.

4. OPERATING INSTRUCTIONS

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

4.1 Starting the Engine

1. Place the brushcutter on a flat, stable surface.
2. Ensure the stop switch is in the "ON" position.
3. Prime the carburetor by pressing the primer bulb several times until fuel is visible.
4. Engage the choke (if cold start).
5. Pull the starter cord firmly and smoothly until the engine fires.
6. Once the engine starts, disengage the choke gradually.
7. Allow the engine to warm up for a few moments before applying full throttle.

4.2 Operating the Brushcutter

- Wear the shoulder harness for comfortable and balanced operation.
- Hold the brushcutter firmly with both hands on the handlebar.
- Maintain a stable footing and balance.
- Cut with a sweeping motion, moving from right to left to throw debris away from you.
- Avoid hitting hard objects with the cutting line.
- To extend the trimmer line, tap the cutting head gently on the ground while the engine is running at full throttle (Tap & Go system).

4.3 Stopping the Engine

- Release the throttle trigger.
- Move the stop switch to the "OFF" position.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your brushcutter. Always disconnect the spark plug cap before performing any maintenance.

5.1 Air Filter Cleaning

- Remove the air filter cover.
- Clean the air filter element with warm, soapy water. Rinse thoroughly and allow to dry completely.
- Alternatively, replace the air filter if it is heavily soiled or damaged.
- Reinstall the air filter and cover.

5.2 Spark Plug Inspection

- Remove the spark plug cap and then the spark plug using a spark plug wrench.
- Inspect the spark plug for wear, carbon deposits, or damage.
- Clean any deposits with a wire brush. Adjust the electrode gap if necessary (refer to specifications for correct gap).
- Replace the spark plug if it is worn or damaged.
- Reinstall the spark plug and cap, tightening to the recommended torque.

5.3 Gearbox Lubrication

- Periodically check the grease level in the gearbox at the cutting head.
- Add high-quality multi-purpose grease if needed.

5.4 General Cleaning and Storage

- Clean the brushcutter thoroughly after each use, removing grass, dirt, and debris.
- Inspect all bolts and fasteners for tightness.
- For long-term storage, drain the fuel tank and run the engine until it stops to clear the carburetor.
- Store the brushcutter in a dry, well-ventilated area, out of reach of children.

6. TROUBLESHOOTING

This section provides solutions to common problems you might encounter.

Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect fuel mixture	Check fuel level and ensure correct petrol/oil ratio.
	Spark plug fouled or faulty	Clean or replace spark plug.
	Air filter clogged	Clean or replace air filter.
Engine runs poorly or stalls	Incorrect carburetor adjustment	Consult a qualified service technician for carburetor adjustment.
	Old or stale fuel	Drain old fuel and refill with fresh mixture.
Cutting line does not extend	Line tangled or too short	Inspect cutting head, untangle or replace line.

If problems persist after attempting these solutions, please contact an authorized Stiga service center.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	SBC 252 D
Part Number	287421002/17
Engine Type	2-stroke petrol engine
Engine Displacement	25.4 cc
Engine Power	0.7 kW (1550 Watts)
Product Dimensions (L x W x H)	186 x 30 x 30 cm
Weight	8 kg

Feature	Specification
Cutting Width	45 cm
Fuel Tank Capacity	(Information not provided in source, placeholder)
Assembly Required	Yes

8. WARRANTY AND SUPPORT

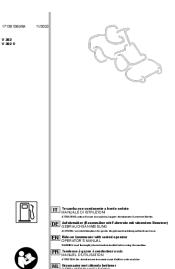
Stiga products are manufactured to high quality standards and are guaranteed for a specific period from the date of purchase against manufacturing defects. Please retain your proof of purchase.

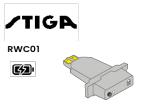
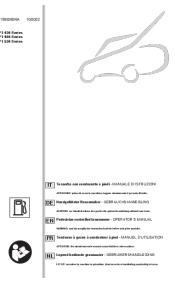
For warranty claims, technical support, or to locate an authorized service center, please visit the official Stiga website or contact your local dealer. Ensure you have your product model number (SBC 252 D) and part number (287421002/17) ready when contacting support.

No official product videos from the seller were available for inclusion in this manual.

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Related Documents - 287421002/17

	<p>STIGA Brushcutters and Grass Trimmers Operator's Manual</p> <p>This manual provides operating instructions, safety precautions, and maintenance guidelines for STIGA portable hand-held powered brush-cutters and grass trimmers. It covers assembly, usage, troubleshooting, and technical specifications for various models.</p>
	<p>STIGA VILLA Ride-On Lawnmower User Manual</p> <p>Comprehensive user manual for the STIGA VILLA ride-on lawnmower, covering operation, safety, maintenance, and technical specifications for models 320 and 520. Includes assembly instructions, control descriptions, and troubleshooting.</p>
	<p>STIGA V302 / V302 S Ride-On Lawmower Operator's Manual</p> <p>Operator's manual for STIGA V302 and V302 S ride-on lawnmowers, detailing technical specifications, dimensions, operation, and maintenance guidelines.</p>

 <p>STIGA RWC01 - Manuale di Istruzioni</p>	<p>Manuale di istruzioni per il caricabatterie STIGA RWC01, con informazioni sulla sicurezza, funzionamento, dati tecnici e risoluzione dei problemi.</p>
 <p>STIGA CP1 Series Lawnmower Operator's Manual</p>	<p>Explore the STIGA CP1 Series Operator's Manual for detailed guidance on your CP1 434, CP1 484, and CP1 534 lawnmowers. This comprehensive guide covers essential safety protocols, operational procedures, maintenance schedules, and troubleshooting tips to ensure efficient and safe lawn care.</p>
 <p>STIGA MULTICLIP 47 S DAE (2019) Spare Parts List and Diagrams</p>	<p>Detailed spare parts list and assembly diagrams for the STIGA MULTICLIP 47 S DAE (2019) lawnmower. Includes part numbers, descriptions, and visual references for maintenance and repair.</p>

Documents - Stiga – 287421002/17



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