

Scheppach 5910131903

Scheppach PCS56 Gasoline Chainsaw User Manual

Model: PCS56 (5910131903)

1. INTRODUCTION

The Scheppach PCS56 Gasoline Chainsaw is a powerful and versatile tool designed for various forestry tasks, including cutting firewood, trimming shrubs, and delimbing. Its robust 3.1 hp (2.3 kW) 2-stroke engine and 51 cm ProCut blade ensure efficient and fast cutting at 22 m/s. This manual provides essential information for safe and effective operation, setup, maintenance, and troubleshooting.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating the chainsaw. Read and understand all safety warnings before use. Failure to follow these instructions may result in serious injury.

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and protective footwear.
- Ensure the work area is clear of bystanders, pets, and obstacles.
- Handle fuel with extreme care. Mix gasoline and 2-stroke oil at a ratio of 1:40 (gasoline:oil) in a well-ventilated area, away from ignition sources.
- The chainsaw is equipped with an **Anti-Kickback chain brake** that stops the chain within milliseconds in case of kickback. Always ensure this safety feature is functional.
- The **hand protection** provides additional safety. Do not operate the chainsaw if the hand protection is damaged.
- Maintain a firm grip on the chainsaw with both hands during operation. The all-round handle is designed for ergonomic and versatile use.
- Do not operate the chainsaw when fatigued or under the influence of drugs or alcohol.
- Regularly inspect the chainsaw for damage, loose parts, or wear. Do not use a damaged chainsaw.

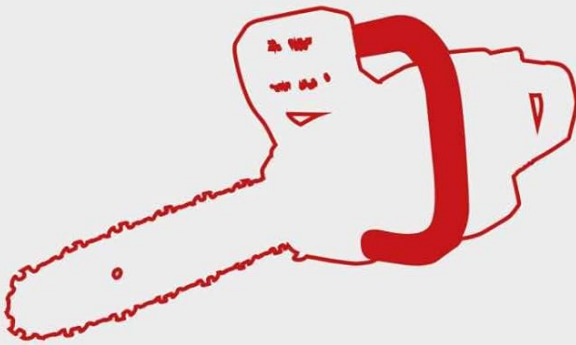
3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Scheppach PCS56 Chainsaw.



Figure 3.1: Overall view of the Scheppach PCS56 Gasoline Chainsaw, showcasing its red and black housing, ProCut System bar, and chain.

Umlaufender Handgriff



Automatisches Schmiersystem

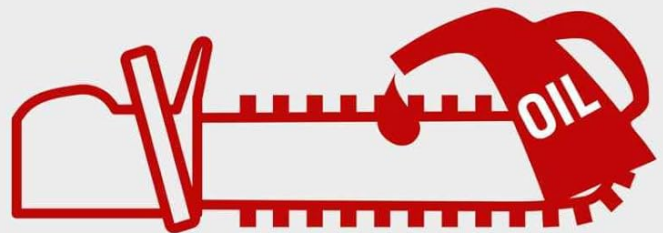


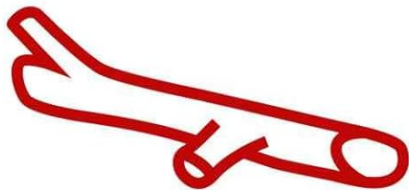
Figure 3.2: Illustration of the all-round handle for ergonomic use and the automatic lubrication system, which ensures continuous chain oiling during operation.



ANWENDUNGSBEISPIELE

GEEIGNET FÜR

Brennholz



Forstarbeiten



Entasten



Figure 3.3: Examples of suitable applications for the chainsaw, including cutting firewood, general forestry work, and delimbing trees.

Robuster Krallenanschlag aus Metall schützt das Schnittgut vor dem Abrutschen.



Figure 3.4: Close-up of the robust metal claw stop, designed to protect the cutting material and prevent it from slipping during operation.

„Anti-Kickback“ - Kettenbremse stoppt Sägekette innerhalb von Millisekunden bei einem Rückschlag. Der Handschutz sorgt für zusätzliche Sicherheit.



Figure 3.5: View of the anti-kickback chain brake and the hand protection, critical safety features that stop the chain instantly upon kickback and shield the operator's hand.

Seilzugstarter mit Easy Start zum einfacheren Starten der Kettensäge.



Figure 3.6: Detail of the pull starter mechanism, featuring the Easy Start system for simplified and less strenuous starting of the chainsaw.



Figure 3.7: The "Easy Start" logo, indicating the chainsaw's simplified starting mechanism.

Kraftstoffgemisch

1:40

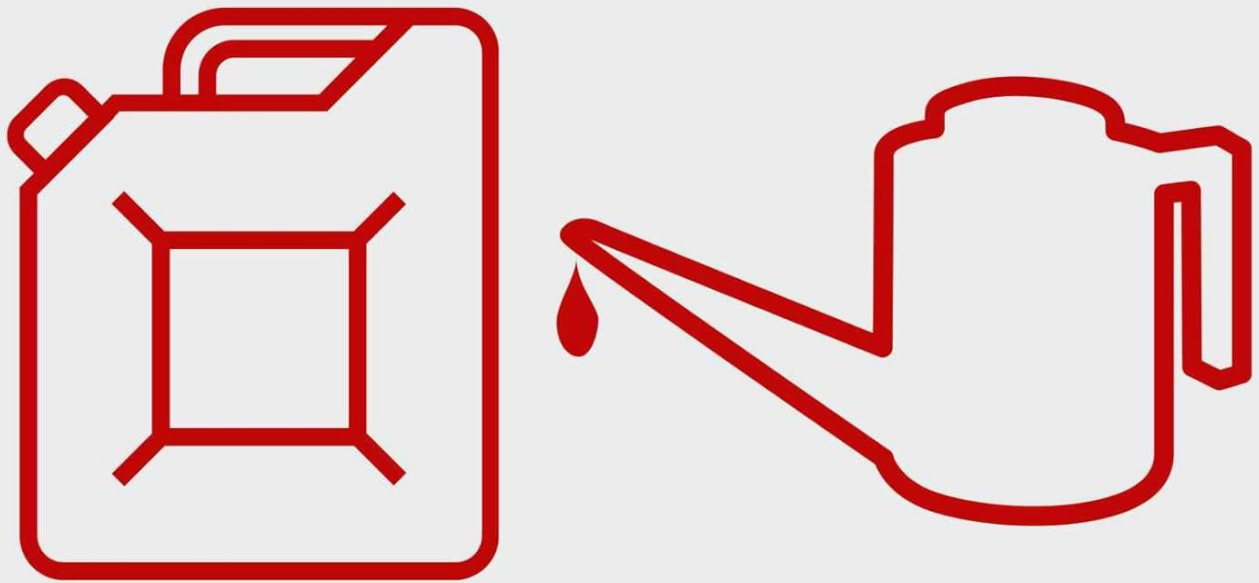


Figure 3.8: Visual representation of the required fuel mixture ratio: 1 part 2-stroke oil to 40 parts gasoline.

4. SETUP

4.1 Assembly

The chainsaw may require minor assembly upon unboxing. Refer to the included assembly guide for detailed steps on attaching the guide bar and saw chain. Ensure all components are securely fastened before proceeding.

4.2 Fueling

The PCS56 operates on a gasoline-oil mixture. It is crucial to use the correct ratio of 1:40 (gasoline:2-stroke oil). Use high-quality unleaded gasoline and a suitable 2-stroke engine oil. Mix the fuel in a separate, approved container before pouring it into the chainsaw's fuel tank. Do not mix fuel directly in the chainsaw's tank.

4.3 Chain Oil

Fill the chain oil reservoir with appropriate chain lubricant. The automatic chain lubrication system requires a sufficient

supply of oil for proper operation and to extend the life of the chain and guide bar.

5. OPERATING

5.1 Starting the Chainsaw

1. Place the chainsaw on a firm, flat surface.
2. Engage the chain brake.
3. Set the choke (if applicable) and throttle according to the starting procedure outlined in the full manual.
4. Use the **Easy Start pull starter** to initiate the engine. Pull the starter cord smoothly until resistance is felt, then pull firmly.
5. Once the engine starts, disengage the choke and allow the engine to warm up briefly before use.

5.2 Cutting Techniques

Always maintain a stable stance and firm grip. Use the robust metal claw stop to brace the chainsaw against the wood for controlled cutting. The anti-vibration system is designed for longer and less fatiguing work sessions.

6. MAINTENANCE

Regular maintenance is essential for the longevity and safe operation of your chainsaw.

- After each use, **thoroughly clean the chainsaw**, removing sawdust, debris, and resin from the guide bar, chain, and engine housing.
- Check the chain tension regularly. A properly tensioned chain should be snug but still allow you to pull it around the guide bar by hand.
- Inspect the chain for sharpness and damage. Sharpen or replace the chain as needed.
- Verify the automatic chain lubrication system is functioning correctly by observing oil flow during operation.
- Periodically check and clean the air filter and spark plug.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start	Incorrect starting procedure, no fuel, fouled spark plug, engaged chain brake.	Follow starting instructions carefully. Check fuel level and mixture. Clean or replace spark plug. Disengage chain brake.
Poor cutting performance	Dull chain, incorrect chain tension, insufficient chain lubrication.	Sharpen or replace chain. Adjust chain tension. Check chain oil level and lubrication system.
Chain loosens quickly	Improper tensioning, worn guide bar or chain.	Ensure proper chain tensioning. Inspect guide bar and chain for wear and replace if necessary.
Fuel/Oil leaks	Loose caps, damaged seals or hoses.	Tighten caps. Inspect seals and hoses for damage and have them replaced by a qualified technician if necessary.

8. SPECIFICATIONS

Feature	Detail

Feature	Detail
Brand	Scheppach
Model Number	5910131903
Engine Type	2-stroke gasoline engine
Engine Power	3.1 hp (2.3 kW)
Displacement	53 cm³
Guide Bar Length	51 cm (20 inches)
Cutting Length	47 cm
Chain Speed	22 m/s
Fuel Mixture Ratio	1:40 (Gasoline:2-stroke oil)
Product Dimensions	43 x 25.5 x 25 cm
Item Weight	6.95 kg
Special Features	Easy Start, Anti-Kickback chain brake, Automatic chain lubrication, Anti-vibration system, Metal claw stop, Hand protection

9. WARRANTY AND SUPPORT

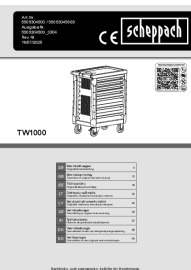
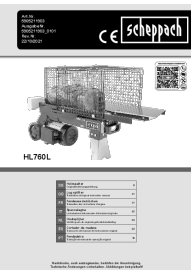
For information regarding warranty coverage, technical support, or spare parts, please refer to the official Scheppach website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.



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Related Documents - 5910131903

	scheppach PCS56 Benzin-Kettensäge: Betriebsanleitung Die offizielle Betriebsanleitung für die scheppach PCS56 Benzin-Kettensäge. Enthält wichtige Informationen zur sicheren Bedienung, Wartung und Fehlerbehebung für optimale Leistung und Langlebigkeit.
	scheppach PCS38 Benzin-Kettensäge Bedienungsanleitung Die Bedienungsanleitung für die scheppach PCS38 Benzin-Kettensäge bietet detaillierte Informationen zur sicheren Handhabung, Wartung und Fehlerbehebung. Enthält Sicherheitshinweise, technische Daten und Anleitungen zur Inbetriebnahme.

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