

eSkde CS58-S7

eSkde CS58-S7 Petrol Chainsaw User Manual

Model: CS58-S7 | Brand: eSkde

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your eSkde CS58-S7 Petrol Chainsaw. Please read this manual thoroughly before operating the chainsaw to ensure proper use and to prevent injury or damage.

2. SAFETY INFORMATION

Operating a chainsaw can be hazardous. Adhere to all safety warnings and instructions to minimize risks.

2.1 Personal Protective Equipment (PPE)

- **Head Protection:** Wear a safety helmet.
- **Eye Protection:** Use safety glasses or a face shield.
- **Hearing Protection:** Wear ear defenders or earplugs.
- **Hand Protection:** Wear heavy-duty work gloves.
- **Leg Protection:** Wear chainsaw protective trousers or chaps.
- **Foot Protection:** Wear steel-toed safety boots with good grip.

2.2 General Safety Precautions

- Always inspect the chainsaw before each use for loose parts, damage, or fuel leaks.
- Ensure the chain brake is functional and engaged when starting or moving the saw.
- Maintain a firm grip with both hands on the chainsaw handles.
- Keep the work area clear of bystanders, children, and pets.
- Be aware of kickback potential and use proper cutting techniques to avoid it.
- Handle fuel with extreme care. Mix and refuel in a well-ventilated area away from ignition sources.
- Do not operate the chainsaw when fatigued or under the influence of alcohol or medication.
- Store the chainsaw safely when not in use, with the bar cover in place.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your eSkde CS58-S7 Petrol Chainsaw.



Figure 3.1: Front view of the eSkde CS58-S7 Petrol Chainsaw, showing the guide bar, chain, and main body.



Figure 3.2: Side view of the eSkde CS58-S7 Petrol Chainsaw, highlighting the engine casing and handles.



Figure 3.3: Top-down view of the chainsaw, showing the fuel and oil filler caps.



Figure 3.4: The included orange storage bag for the chainsaw and accessories.

3.1 Included Accessories

- 20" Guide Bar
- 2 x Chains
- Tool Kit
- Fuel Mixing Bottle
- Storage Bag
- Bar Cover

4. SETUP AND ASSEMBLY

4.1 Bar and Chain Assembly

1. Ensure the engine is off and the chain brake is disengaged.
2. Remove the side cover nuts and the side cover.
3. Place the guide bar onto the studs, ensuring the chain tensioner pin aligns with the hole in the bar.
4. Carefully fit the chain around the sprocket and into the groove of the guide bar. Ensure the cutting edges of the chain are facing the correct direction (refer to chain direction indicator on the bar).
5. Replace the side cover and hand-tighten the nuts. Do not fully tighten yet.
6. Adjust chain tension (see Section 5.2).

4.2 Fuel and Oil Preparation

The eSkde CS58-S7 uses a 2-stroke engine and requires a specific fuel mixture.

- **Fuel Mixture:** Mix unleaded petrol with high-quality 2-stroke engine oil at a ratio of **25:1 (Petrol:Oil)**. Use the provided fuel mixing bottle for accurate measurement.
- **Fuel Capacity:** The fuel tank capacity is 550ml.
- **Chain Oil:** Fill the chain oil tank with good quality chain lubricant. The chain oil tank capacity is 260ml. This oil automatically lubricates the chain and bar during operation.

Important: Never use pure petrol in the chainsaw. Incorrect fuel mixture will cause severe engine damage and void the warranty.

5. OPERATING INSTRUCTIONS

5.1 Starting the Chainsaw

Cold Start Procedure:

1. Place the chainsaw on a firm, flat surface.
2. Engage the chain brake by pushing the front hand guard forward.
3. Pull out the choke knob fully.
4. Press the primer bulb several times until fuel is visible in the return line.
5. Pull the starter cord firmly and steadily until the engine fires briefly (usually 1-3 pulls).
6. Push the choke knob halfway in.
7. Pull the starter cord again until the engine starts and runs.
8. Allow the engine to warm up for a few seconds, then disengage the chain brake by pulling the front hand guard back.

Warm Start Procedure:

1. Engage the chain brake.
2. Pull the starter cord firmly and steadily until the engine starts. No choke or priming is usually needed.
3. Disengage the chain brake once the engine is running smoothly.

5.2 Chain Tension Adjustment

Correct chain tension is crucial for safe and efficient operation. The chain should be snug against the guide bar, but still able to be pulled around by hand with light effort.

1. Loosen the side cover nuts slightly.
2. Use the tensioning screw (usually located on the side cover or near the bar studs) to adjust the chain tension. Turn clockwise to tighten, counter-clockwise to loosen.
3. Once tension is correct, fully tighten the side cover nuts.

- 4. Check tension again after a few cuts, as new chains can stretch.

5.3 Cutting Techniques

Always maintain a stable footing and a firm grip on the chainsaw. Plan your cuts to avoid pinching the bar or chain.

- **Felling:** For felling trees, ensure the area is clear and plan the felling direction. Make a notch cut on the felling side, then a felling cut from the opposite side.
- **Limbing:** Remove branches from a felled tree. Work from the base towards the top, supporting the branch if necessary to prevent pinching.
- **Bucking:** Cutting a felled log into shorter sections. Use a sawhorse or elevate the log to avoid cutting into the ground.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw.

6.1 Daily Maintenance

- Check chain tension.
- Check chain sharpness. Sharpen or replace as needed.
- Clean the air filter.
- Check the oil level in the chain oil tank.
- Inspect the guide bar for wear or burrs.
- Clean debris from the chain brake mechanism.

6.2 Periodic Maintenance

- **Spark Plug:** Inspect and clean the spark plug regularly. Replace if worn or fouled.
- **Fuel Filter:** Check and clean or replace the fuel filter periodically.
- **Carburettor Adjustment:** If the engine runs poorly, the carburettor may need adjustment. This should ideally be done by a qualified technician.
- **General Cleaning:** Keep the engine cooling fins and air intake clean to prevent overheating.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine does not start	No fuel, incorrect fuel mix, fouled spark plug, clogged fuel filter, engaged chain brake.	Check fuel level and mix. Clean/replace spark plug. Check/clean fuel filter. Disengage chain brake.
Engine starts but stalls	Incorrect carburettor adjustment, clogged air filter, old fuel.	Adjust carburettor (professional recommended). Clean air filter. Use fresh fuel.
Chain does not cut efficiently	Dull chain, incorrect chain tension, worn guide bar.	Sharpen or replace chain. Adjust chain tension. Inspect/replace guide bar.

Problem	Possible Cause	Solution
Chain oil not flowing	Empty oil tank, clogged oil port, damaged oil pump.	Refill oil tank. Clean oil port. Consult service center for pump issues.

8. SPECIFICATIONS

Feature	Specification
Model	CS58-S7
Engine Type	2-Stroke, 58cc
Horsepower	3.4 HP
Max Speed	12,000 rpm
Guide Bar Length	20 inches
Fuel Mix Ratio	25:1 (Petrol:2-Stroke Oil)
Fuel Tank Capacity	550 ml
Chain Oil Tank Capacity	260 ml
Weight	4.85 kg
Dimensions (L x W x H)	38 x 25 x 27 cm

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact eSkde customer support. Keep your proof of purchase for any warranty claims.

For technical assistance or spare parts, please contact your retailer or the eSkde customer service department. Provide your model number (CS58-S7) and purchase date when seeking support.

