

eSkde MT52-S23

eSkde 5-In-1 Garden Multi Tool User Manual

MODEL: MT52-S23

Brand: eSkde

1. INTRODUCTION

Thank you for choosing the eSkde 5-In-1 Garden Multi Tool. This versatile petrol-powered tool is designed to assist with various gardening tasks, including strimming, brush cutting, hedge trimming, and chainsaw pruning. To ensure safe and efficient operation, please read this manual thoroughly before assembly, operation, or maintenance. Keep this manual in a safe place for future reference.

2. SAFETY INFORMATION

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

2.1 General Safety Rules

- Always read and understand the entire instruction manual before operating the tool.
- Ensure the work area is clear of bystanders, children, and pets.
- Operate the tool only in well-ventilated areas.
- Never operate the tool under the influence of alcohol, drugs, or medication.
- Inspect the tool for damage or loose parts before each use. Do not operate if damaged.
- Keep all handles dry, clean, and free from oil and grease.

2.2 Personal Protective Equipment (PPE)

Always wear appropriate PPE when operating the multi-tool:

- **Eye Protection:** Safety glasses or goggles to protect against flying debris.
- **Hearing Protection:** Ear defenders or earplugs to protect against noise.
- **Head Protection:** A safety helmet, especially when using the chainsaw or hedge trimmer attachments for overhead work.
- **Hand Protection:** Heavy-duty work gloves to protect hands.
- **Foot Protection:** Steel-toed boots or sturdy, non-slip footwear.
- **Body Protection:** Long trousers and sleeves, and a double shoulder harness for proper weight distribution and

reduced strain.



Image: The included double shoulder harness, designed for ideal weight distribution and minimal operator strain.

2.3 Fuel and Oil Handling

- Use only unleaded petrol mixed with high-quality 2-stroke engine oil at the recommended ratio (typically 25:1 or 40:1, refer to engine specifications).
- Mix fuel in a well-ventilated area, away from ignition sources.
- Store fuel in approved containers, away from direct sunlight and heat.
- Never refuel a hot engine. Allow the engine to cool down before adding fuel.
- Wipe up any spilled fuel immediately.

3. COMPONENTS AND ASSEMBLY

3.1 Package Contents

Your eSkde 5-In-1 Garden Multi Tool package includes the following components:

- 52cc 2-Stroke Petrol Engine Power Unit
- Strimmer Attachment (with nylon thread spool)
- Brush Cutter Attachment (with 3-teeth metal blade)
- Hedge Trimmer Attachment
- Chainsaw Pruner Attachment
- Extension Pole (80cm)
- Double Shoulder Harness
- Fuel Mixing Bottle
- Tool Kit (for assembly and maintenance)
- Instruction Manual



Image: All components of the eSkde 5-In-1 Garden Multi Tool, including the engine unit, various attachments, harness, and accessories.

3.2 Assembly Instructions

The eSkde multi-tool features a simple split shaft system for easy attachment changes. Follow these general steps for assembly:

1. **Connect the Main Shaft:** Align the two halves of the main shaft (engine unit and lower shaft) and secure them using the quick-release clamp and locking pin.
2. **Attach the Desired Tool:** Select the required attachment (trimmer, brush cutter, hedge trimmer, or chainsaw). Align the attachment shaft with the main shaft and secure it firmly with the locking mechanism.
3. **Install Handles and Guards:** Attach the handle assembly to the main shaft at a comfortable position. Secure the appropriate safety guard for the chosen attachment (e.g., trimmer guard, chainsaw bar cover).
4. **Attach Extension Pole (Optional):** For extended reach, insert the extension pole between the main shaft and the chosen attachment, securing it at both ends.



Image: The eSkde multi-tool shown with different attachments (trimmer, brush cutter, chainsaw, hedge trimmer) and the extension pole, demonstrating its modular design.



Image: The eSkde multi-tool configured with the strimmer attachment, ready for use.



Image: Close-up view of the eSkde 52cc petrol engine power unit and the ergonomic handle assembly.

4. SETUP

4.1 Fuel Mixing

The eSkde 5-In-1 Multi Tool is powered by a 52cc 2-stroke engine, requiring a specific fuel mixture. Use the provided fuel mixing bottle for accurate ratios.

- **Recommended Ratio:** Consult your engine specifications for the precise petrol to 2-stroke oil ratio. A common ratio for 2-stroke engines is 25:1 (25 parts unleaded petrol to 1 part 2-stroke oil).
- **Mixing:** Pour the required amount of 2-stroke oil into the mixing bottle, then add unleaded petrol up to the marked level for your desired ratio. Shake well to ensure thorough mixing.
- **Filling the Tank:** Carefully pour the mixed fuel into the tool's fuel tank. Do not overfill. Secure the fuel cap tightly.



Image: Close-up of the eSkde 52cc 2-stroke engine, showing the fuel tank and engine components.

4.2 Attaching the Harness

The double shoulder harness is essential for comfortable and safe operation, distributing the tool's weight evenly.

- Put on the harness and adjust the straps so that the tool hangs comfortably at your side when attached.
- Ensure the quick-release clip is easily accessible for emergency detachment.
- Attach the tool to the harness clip. Adjust the harness further to find the optimal balance point for the specific attachment being used.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

The eSkde multi-tool features a recoil pull start system.

1. Place the tool on a flat, stable surface.
2. Ensure the ignition switch is in the 'ON' position.
3. Engage the choke (if the engine is cold).
4. Press the primer bulb several times until fuel is visible in the return line.
5. Pull the starter cord firmly and smoothly until the engine fires.
6. Once the engine starts, gradually disengage the choke. Allow the engine to warm up for a few moments before operating at full throttle.

5.2 Using the Strimmer/Brush Cutter

Ideal for cutting through grass, weeds, and light brush.

- **Cutting Diameter:** Nylon thread spool provides a 410mm cutting diameter. The 3-teeth metal blade offers a 255mm cutting diameter for tougher vegetation.
- **Operation:** Hold the tool firmly with both hands. Use a sweeping motion to cut. Keep the cutting head clear of obstacles.



Image: Close-up of the eSkde brush cutter and trimmer head, showing both the metal blade and the nylon thread spool.

5.3 Using the Hedge Trimmer

Perfect for shaping and maintaining hedges and shrubs.

- **Blade Length:** 430mm.
- **Tooth Spacing:** 23mm.
- **Angle Adjustment:** The head can be adjusted from 90 to 270 degrees, allowing for versatile cutting angles.
- **Operation:** Use smooth, controlled movements. Avoid cutting branches thicker than the recommended capacity.



Image: Close-up of the eSkde hedge trimmer attachment, highlighting its sharp blades and adjustable head.

5.4 Using the Chainsaw Pruner

Designed for limbing, felling small trees, and cutting down branches.

- **Blade Length:** 300mm.
- **Chain Length:** 300mm.
- **Oil Tank:** 150ml capacity for chain lubrication. Ensure the oil tank is filled with appropriate chain oil before use.
- **Operation:** Always maintain a firm grip. Be aware of kickback. Do not attempt to cut branches larger than the bar length.



5.5 Using the Extension Pole

The 80cm extension pole allows you to reach high branches and hedges without the need for ladders, enhancing safety and convenience.

- **Total Length with Extension Pole:** Hedge Trimmer (310cm), Chainsaw (295cm).
- **Attachment:** Simply insert the extension pole between the main power unit and the desired attachment, ensuring both connections are securely fastened.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your eSkde multi-tool. Always disconnect the spark plug lead before performing any maintenance.

6.1 General Cleaning

- After each use, clean the tool thoroughly, removing grass, dirt, and debris from the engine, cooling fins, and attachments.
- Use a damp cloth and mild detergent. Avoid using high-pressure water or solvents.

6.2 Blade/Chain Sharpening and Lubrication

- **Brush Cutter Blade:** Sharpen the metal blade regularly to maintain cutting efficiency.
- **Hedge Trimmer Blades:** Keep blades sharp and lubricated with a light machine oil or spray.
- **Chainsaw Chain:** Ensure the chain is sharp and properly tensioned. Regularly check and refill the chain oil reservoir.

6.3 Air Filter Cleaning

- Periodically inspect and clean the air filter. A clogged air filter can reduce engine performance.
- Remove the air filter cover, take out the filter element, and clean it with warm, soapy water. Allow it to dry completely before reinstallation.

6.4 Spark Plug Inspection

- Check the spark plug periodically for wear, carbon build-up, or damage.
- Clean or replace the spark plug as needed to ensure reliable starting and engine performance.

6.5 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 tool thoroughly and store it in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Engine won't start	No fuel or incorrect fuel mix Ignition switch OFF Choke not engaged/disengaged correctly Fouled spark plug Clogged fuel filter	Check fuel level and mix ratio Turn ignition switch to 'ON' Adjust choke as per starting procedure Clean or replace spark plug Clean or replace fuel filter
Loss of power during operation	Clogged air filter Incorrect fuel mix Dull cutting attachment	Clean air filter Ensure correct fuel/oil ratio Sharpen or replace cutting attachment
Excessive vibration	Loose components Damaged or unbalanced cutting attachment	Check all bolts and fasteners for tightness Inspect cutting attachment for damage; replace if necessary
Engine stalls frequently	Idle speed too low Carburetor issues Vent in fuel cap blocked	Adjust idle speed Consult a qualified technician Clean or clear the fuel cap vent

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	MT52-S23
Engine Type	52cc 2-Stroke Petrol Engine
Power Source	Gas Powered
Max Speed	6500 rpm
Fuel Tank Capacity	1.2 Litres
Starting System	Recoil Pull Start
Product Dimensions (L x W x H)	186 x 25 x 12.7 cm
Item Weight	7 kg (7000 Grams)
Material Type	Alloy Steel
Colour	Orange and Grey
Strimmer Cutting Width	41 Centimetres

Feature	Specification
Hedge Trimmer Blade Length	430mm
Hedge Trimmer Tooth Spacing	23mm
Chainsaw Blade/Chain Length	300mm
Chainsaw Oil Tank	150ml
Extension Pole Length	80cm
Assembly Required	Yes
UPC	737655506501

9. WARRANTY AND SUPPORT

eSkde stands by the quality of its products. Your 5-In-1 Garden Multi Tool is covered by a full manufacturer backing.

For warranty claims, technical support, or spare parts, please contact eSkde customer service through the retailer where you purchased the product or visit the official eSkde website for contact information.

Please have your model number (MT52-S23) and proof of purchase ready when contacting support.