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> eSkde BP52-S8 2 in 1 Petrol Back Pack Brush Cutter/Strimmer/Grass Trimmer Kit User Manual

eSkde BP52-S8

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Model: BP52-S8 | Brand: eSkde

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your eSkde BP52-S8 2 in 1 Petrol Back Pack Brush Cutter/Strimmer/Grass Trimmer Kit. Please read this manual thoroughly before operating the machine to ensure your safety and the longevity of the product.

Important Safety Information

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, gloves, and sturdy footwear.
- Never operate the machine without proper guards in place.
- Ensure the work area is clear of bystanders, children, and pets.
- Handle fuel with extreme care. Mix and refuel in a well-ventilated area away from ignition sources.
- Before performing any maintenance or clearing blockages, always switch off the engine and ensure all moving parts have stopped.

2. COMPONENTS AND ASSEMBLY

Included Components

Your eSkde BP52-S8 kit includes the following:

- BP52-S8 BackPack Motor Unit
- 3 Tooth Brush Cutter Blade
- Nylon Line Trimmer Attachment
- Tool Kit
- User Guide (this manual)

Assembly Instructions

The eSkde BP52-S8 is designed for straightforward assembly. Attach the desired cutting head (brush

cutter blade or nylon line trimmer) to the shaft. Connect the flexible drive shaft from the backpack motor unit to the main shaft. Secure all connections firmly using the provided tools. Ensure the handle is positioned comfortably for operation.



Image: All components of the eSkde BP52-S8 kit, including the backpack motor, shaft, cutting attachments, and toolkit.



Image: The fully assembled eSkde BP52-S8, showing the backpack motor unit connected to the long shaft with a cutting head.

3. SETUP

Fuel Mixture

The BP52-S8 uses a 2-stroke engine and requires a specific fuel mixture. Mix unleaded petrol with high-quality 2-stroke engine oil at a ratio of **25:1** (25 parts petrol to 1 part oil). Use a clean, approved fuel container for mixing and storage. Do not use old or stale fuel.

Starting the Engine

1. Place the unit on a flat, stable surface.
2. Ensure the fuel tank is filled with the correct fuel mixture.
3. Set the choke lever to the 'START' or 'CLOSED' position (cold start).
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 (usually 1-3 pulls).
6. Once the engine fires, immediately move the choke lever to the 'RUN' or 'OPEN' position.
7. If the engine does not start, repeat the process. If it starts and then stalls, ensure the choke is fully open.
8. Allow the engine to warm up for a few moments before engaging the throttle.

4. OPERATION

The eSkde BP52-S8 is a versatile 2-in-1 system, allowing you to switch between a brush cutter and a grass trimmer.

Using as a Brush Cutter

Attach the 3-tooth metal blade for cutting thicker brush, weeds, and small saplings. Hold the unit firmly with both hands, maintaining a balanced stance. Swing the blade in a controlled arc, cutting away from your body. Be aware of kickback when the blade encounters hard objects.

Using as a Strimmer/Grass Trimmer

Attach the nylon line trimmer head for cutting grass and lighter weeds. The nylon line rotates at high speed to cut vegetation. Maintain a consistent height above the ground for an even cut. Tap the head on the ground (if equipped with bump feed) to extend the line as it wears down.



Image: Detailed view of the nylon line trimmer head and protective guard.

Backpack Comfort and Vibration Dampening

The backpack design distributes the weight evenly across your back, reducing arm fatigue during extended use. The unit features a fully dampened system, which significantly reduces vibrations transmitted to the user, enhancing comfort and control.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your eSkde BP52-S8.

General Cleaning

- After each use, clean the exterior of the machine, especially the engine cooling fins, to prevent overheating.
- Remove any grass, dirt, or debris from the cutting head and guard.
- Do not use high-pressure water to clean the engine.

Blade and Line Head Care

- Inspect the brush cutter blade for sharpness and damage. Sharpen or replace as necessary.
- Check the nylon line for wear and replace it when it becomes too short or damaged.

Air Filter and Spark Plug

- Periodically clean or replace the air filter to ensure proper engine breathing.
- Inspect the spark plug for carbon buildup and correct gap. Clean or replace as needed.

Storage

For long-term storage, drain the fuel tank and carburetor. Clean the unit thoroughly and store it in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect fuel mix, clogged fuel filter, fouled spark plug, incorrect choke setting.	Check fuel level and mix. Clean/replace fuel filter. Clean/replace spark plug. Adjust choke.
Engine runs poorly/lacks power	Dirty air filter, incorrect fuel mix, carburetor issues, worn spark plug.	Clean/replace air filter. Verify fuel mix. Clean carburetor. Replace spark plug.
Excessive vibration	Loose components, damaged cutting head, bent shaft.	Check all fasteners. Inspect cutting head for damage. Inspect shaft for bends.
Cutting head not spinning	Clutch issue, drive shaft disconnected, obstruction.	Check clutch engagement. Ensure shaft connections are secure. Clear any obstructions.

7. SPECIFICATIONS

- **Engine Type:** 52cc 2 Stroke High Power Petrol Engine
- **Engine Output:** 2.2Kw / 6500-7000RPM
- **Idle Speed:** 2800 - 3200RPM
- **Max Speed:** 9000 RPM
- **Fuel Tank Capacity:** 1.2 Litre
- **Fuel Mix Ratio:** 25:1 (Petrol:2-Stroke Oil)
- **Cutting Width:** 380 Millimeters
- **Product Dimensions:** 32 x 32 x 55 cm (Motor Unit)
- **Item Weight:** 7 kg
- **Carburetor Type:** Diaphragm
- **Design:** Back Pack with Split Shaft

8. WARRANTY AND SUPPORT

eSkde products are manufactured to high standards and are designed for durability. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official eSkde website. In case of technical issues, spare parts requirements, or service inquiries, please contact eSkde customer support. Ensure you have your product model number (BP52-S8) and purchase details ready when contacting support.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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