

SWIPESMITH SI-TH002



SWIPESMITH 16-Inch Electric Dethatcher Scarifier (Model SI-TH002) User Manual

Your guide to effective lawn dethatching and scarifying.

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this electric dethatcher scarifier. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses, gloves, and sturdy footwear. Do not operate the machine barefoot or in open-toed sandals.
- **Electrical Safety:** Ensure the power cord is in good condition and suitable for outdoor use. Do not operate in wet conditions or near water. Always connect to a grounded outlet.
- **Work Area Safety:** Keep children, pets, and bystanders away from the operating area. Clear the area of any debris, rocks, or foreign objects that could be thrown by the blades.
- **Machine Operation:** Never attempt to clear jammed blades while the machine is running. Disconnect power before performing any adjustments, maintenance, or cleaning.
- **Dual Safety Switch:** This unit is equipped with a dual safety switch to prevent accidental startup. Both the safety button and the bail switch must be engaged to start the motor.

2. PRODUCT OVERVIEW

The SWIPESMITH 16-Inch Electric Dethatcher Scarifier is designed to remove thatch and aerate your lawn, promoting healthier grass growth. It features a powerful 15 AMP motor and a 2-in-1 functionality with interchangeable dethatching and scarifying blades.



Image: The SWIPESMITH 16-Inch Electric Dethatcher Scarifier with its two interchangeable blade types.

Key Features:

- **Powerful 15 AMP Motor:** Provides efficient dethatching and scarifying performance.
- **16-Inch Raking Path:** Covers a wide area for faster lawn maintenance.
- **2-in-1 Functionality:** Includes both a dethatching blade (spring steel tines) and a scarifying blade (cutting tines) for versatile use.
- **5-Position Depth Adjustment:** Allows precise control over working depth from -0.47 inches to 0.4 inches.

- **14.5 Gallon (55L) Thatch Collection Bag:** Gathers removed thatch for easier cleanup.
- **3-Position Adjustable Rod:** Accommodates users of different heights for comfortable operation.
- **Quick-Fold Handle:** Enables compact storage.

3. SETUP AND ASSEMBLY

The dethatcher scarifier requires minimal assembly. Follow these steps to prepare your unit for operation.

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the packing list are present.
2. **Handle Assembly:** Attach the lower and upper handle sections to the main unit using the provided hardware. Ensure all bolts are securely tightened. The handle features a 3-position adjustable rod for user comfort.

3-Height Adjustable Rod

Offers convenient control during dethatching



Image: Illustration of the 3-position adjustable rod for handle height adjustment.

- Blade Installation (Dethatching or Scarifying):** The unit comes with one blade type pre-installed. To change blades, ensure the machine is unplugged. Refer to the blade replacement section for detailed instructions.
- Thatch Collection Bag Attachment:** Hook the thatch collection bag onto the designated points at the rear of the unit. Ensure it is securely fastened to prevent detachment during operation.

4. OPERATING INSTRUCTIONS

Proper operation ensures effective lawn care and user safety.

4.1 Powering On and Off

1. **Connect Power:** Plug the power cord into a suitable outdoor-rated, grounded electrical outlet.
2. **Start Machine:** Press and hold the safety button (1), then squeeze the bail switch (2) towards the handle. Release the safety button once the motor starts.
3. **Stop Machine:** Release the bail switch. The motor will stop.



Image: Depicts the dual safety switch mechanism and the 55L thatch collection bag.

4.2 Depth Adjustment

The unit features a 5-position depth control lever to adjust the working depth of the blades. Adjust the depth

according to your lawn's condition and desired outcome.

- **Lever Positions:** The lever ranges from 0 to 4. Position 0 is the highest setting (10mm above ground), and Position 4 is the deepest setting (-12mm below ground).
- **Dethatching:** For removing thatch, start with a higher setting (e.g., Position 1 or 2) and gradually decrease if more aggressive removal is needed.
- **Scarifying:** For cutting grass roots, use deeper settings (e.g., Position 3 or 4).



Image: Visual representation of the 5-position depth control lever and its effect on dethatching and scarifying blades.

4.3 Using the Dethatching Blade

The dethatching blade uses spring steel tines to gently rake and lift dead grass and debris (thatch) from your lawn. This improves air, water, and nutrient penetration to the soil.

- Ensure the dethatching blade is installed.
- Set the depth control to a suitable level for your lawn's thatch thickness.
- Walk at a steady pace, pushing the machine across your lawn in overlapping rows.
- Empty the thatch collection bag frequently to maintain optimal performance. If the thatch is very thick, multiple passes or manual raking may be necessary.

4.4 Using the Scarifying Blade

The scarifying blade features sharp cutting tines that cut into the soil surface, promoting new grass growth and improving seed germination.

- Ensure the scarifying blade is installed.
- Set the depth control to a deeper level, typically for preparing a lawn for overseeding or addressing compacted areas.
- Operate the machine as described for dethatching, maintaining a steady pace.

Note: This dethatcher is not a lawnmower. It is designed specifically for removing thatch and scarifying the lawn. Avoid operating on excessively wet grass, as this can strain the motor and reduce effectiveness.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SWIPESMITH dethatcher scarifier.

5.1 Cleaning

- **Always unplug the machine before cleaning.**
- Remove any grass clippings, thatch, or debris from the housing, blades, and wheels using a brush or cloth.
- Do not use water directly on the motor or electrical components.

5.2 Blade Inspection and Replacement

- Regularly inspect the blades for wear, damage, or dullness. Worn blades reduce efficiency.
- To replace blades, ensure the machine is unplugged. Carefully remove the retaining hardware and replace the blade assembly. Refer to the product diagram for specific steps.
- Use only genuine SWIPESMITH replacement blades.

5.3 Storage

When not in use, store the dethatcher scarifier in a dry, secure location, out of reach of children.

- Clean the unit thoroughly before storage.
- Utilize the quick-fold handle feature for compact storage.

Foldable Handle for Effortless Storage



Image: The dethatcher scarifier with its handle folded for compact storage.

6. TROUBLESHOOTING

Refer to this section for solutions to common issues.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Machine does not start	<ul style="list-style-type: none"> • Power cord not plugged in • Safety button/bail switch not engaged correctly • Circuit breaker tripped 	<ul style="list-style-type: none"> • Check power connection • Ensure both safety button and bail switch are pressed simultaneously • Reset circuit breaker
Poor dethatching/scarifying performance	<ul style="list-style-type: none"> • Blades are worn or dull • Depth setting is too high • Operating on wet grass • Excessive thatch/debris 	<ul style="list-style-type: none"> • Replace blades • Adjust depth setting lower • Operate on dry grass • Make multiple passes or rake manually
Motor struggles or stops	<ul style="list-style-type: none"> • Overload due to thick thatch/wet grass • Blades jammed • Incorrect depth setting 	<ul style="list-style-type: none"> • Reduce working depth or clear area of heavy debris • Unplug and clear any obstructions from blades • Adjust depth setting
Thatch bag not collecting effectively	<ul style="list-style-type: none"> • Bag is full • Bag not properly attached • Excessive thatch, overwhelming bag capacity 	<ul style="list-style-type: none"> • Empty bag frequently • Ensure bag is securely attached • Consider raking manually after dethatching if thatch is very dense

7. SPECIFICATIONS

Feature	Specification
Brand	SWIPESMITH
Model Number	SI-TH002
Power Source	Electric
Motor	15 Amp
Cutting Width	16 Inches
Depth Adjustment	5-Position (-0.47" to 0.4")
Thatch Collection Bag Capacity	14.5 Gallons (55 Liters)
Material	Stainless Steel (blades)
Item Weight	29.6 Pounds

Feature	Specification
Product Dimensions	40.94"D x 23.62"W x 40.94"H
UPC	719710545748

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official SWIPESMITH website. If you require technical assistance or have questions regarding your product, please contact SWIPESMITH customer support through their official channels.