

WEN DT1315

WEN 15-Inch 13-Amp 2-in-1 Electric Dethatcher and Scarifier (DT1315) Instruction Manual

Model: DT1315

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1. INTRODUCTION

The WEN DT1315 2-in-1 Electric Dethatcher and Scarifier is designed to maintain a healthy lawn by removing thatch and aerating the soil. This versatile machine features a powerful 13-amp motor, a 15-inch clearing path, and interchangeable heads for dethatching and scarifying. It includes a detachable collection bag for convenience and offers five height adjustment settings to suit various lawn conditions.

Proper use and maintenance of this equipment will ensure optimal performance and longevity. Please read this manual thoroughly before operation.

2. IMPORTANT SAFETY INFORMATION

WARNING: To reduce the risk of injury, always follow these safety precautions:

- Always wear appropriate protective gear, including sturdy shoes, gloves, and eye protection.
- Ensure the work area is clear of debris, rocks, and other objects before operating the machine.
- Never operate the dethatcher/scarifier barefoot or while wearing sandals.
- Always unplug the machine from the power source before performing any maintenance, cleaning, or repairs.
- Keep children and pets away from the operating area.
- Use a suitable extension cord (12-gauge recommended for optimal performance) and ensure it is in good condition. Avoid running over the cord.
- Do not operate in wet conditions.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- WEN DT1315 Dethatcher/Scarifier Unit
- 16-Blade Scarifying Head (pre-installed)
- 24-Tine Steel Dethatching Head
- Detachable 12-Gallon Collection Bag
- Handle Assembly
- Allen Key (for blade changes)
- Instruction Manual

4. ASSEMBLY

The WEN DT1315 requires minimal assembly, primarily involving the handle and collection bag. Follow these steps:

1. **Handle Attachment:** Attach the upper handle to the lower handle using the provided hardware. Ensure the quick-release plastic toggles are securely fastened. The handle offers multiple locking positions for user comfort and storage.
2. **Collection Bag Installation:** Assemble the collection bag frame and attach the bag fabric. Securely hook the collection bag onto the rear of the dethatcher/scarifier unit.
3. **Blade Installation (if changing):** The 16-blade scarifying head is typically pre-installed. If you need to switch to the 24-tine dethatching head, refer to the "Interchanging Heads" section for detailed instructions.



Figure 4.1: Fully assembled WEN DT1315 Dethatcher and Scarifier.

5. OPERATION

5.1. Starting the Machine (2-Step Safe Start)

To start the WEN DT1315, ensure it is connected to a suitable power source (12-gauge extension cord recommended). The machine features a 2-step safe start mechanism:

1. Press and hold the safety lock button.
2. While holding the safety lock button, pull the switch handle towards you. Release the safety lock button once the motor starts.



Figure 5.1: The 2-step safe start mechanism for activating the dethatcher/scarifier.

5.2. Height Adjustment

The WEN DT1315 offers five height adjustment settings to control the raking depth, ranging from +1/4 inch to -1/2 inch. Adjust the lever on the side of the unit to select the desired depth based on your lawn's condition and the task (dethatching or scarifying).

- **Setting 0:** +1/4 inch (highest, for light raking or transport)
- **Setting 1:** -1/8 inch
- **Setting 2:** -1/4 inch
- **Setting 3:** -3/8 inch
- **Setting 4:** -1/2 inch (lowest, for aggressive scarifying)

INTERCHANGEABLE HEADS



16-BLADE SCARIFYING HEAD

REACHES DEEP TO AERATE THE GROUND AND REMOVE BUILDUP



24-TINE STEEL DETHATCHER HEAD

EASILY REMOVES THATCH OR DEAD GRASS FROM YOUR YARD

Figure 5.3: The interchangeable 16-blade scarifying head and 24-tine dethatching head.

5.4. Using the Collection Bag

The 12-gallon collection bag gathers removed thatch and debris. While convenient, it may fill quickly depending on the amount of thatch. Monitor the bag and empty it regularly to maintain optimal performance.

DETACHABLE COLLECTION BAG

***12 GALLONS
(45L)***



Figure 5.4: The detachable 12-gallon collection bag.

5.5. General Operation Tips

- **Extension Cord:** Use a heavy-duty outdoor extension cord (12-gauge is recommended for the 13-amp motor). Ensure the cord is positioned to avoid being cut by the blades.
- **Working Width:** The machine has a 15-inch working width. Overlap passes slightly to ensure complete coverage.
- **Overload Protection:** The unit features automatic overload protection. If the motor stops due to contact with hard objects, unplug the machine, clear the obstruction, and allow it to cool before restarting.



Figure 5.5: The 15-inch working width of the WEN DT1315.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your WEN DT1315. Always unplug the machine before performing any maintenance.

- **Cleaning:** After each use, clean the unit, especially the underside and blade area, to remove grass clippings, dirt, and debris. Use a brush or cloth; avoid using water directly on electrical components.
- **Blade Inspection:** Regularly inspect the scarifying and dethatching heads for wear or damage. Worn or bent blades should be replaced to maintain performance and prevent damage to the machine.
- **Storage:** Store the dethatcher/scarifier in a dry, protected area. The handle can be folded down for compact storage.
- **Cord Inspection:** Periodically check the power cord and extension cord for any signs of damage, cuts, or fraying. Replace damaged cords immediately.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your WEN DT1315.

Problem	Possible Cause	Solution
Machine does not start.	No power supply; Safety lock not engaged; Faulty extension cord.	Check power connection; Ensure safety lock button is pressed before pulling switch handle; Inspect and replace extension cord if damaged.
Motor stops during operation.	Overload protection activated (e.g., hitting hard object); Excessive thatch buildup.	Unplug the machine, clear any obstructions, and allow motor to cool. Reduce depth setting if thatch is too dense.
Ineffective dethatching/scarifying.	Incorrect height setting; Worn or damaged blades.	Adjust to a lower depth setting; Inspect and replace blades if worn.
Collection bag fills too quickly.	High volume of thatch; Bag not fully expanded.	This is normal for dense thatch. Empty bag frequently. Ensure bag is properly installed and expanded.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	DT1315
Power Source	AC Electric
Motor	13 Amp
No-Load Speed	3300 RPM
Cutting Width	15 Inches
Height Adjustment	5 Positions (+1/4" to -1/2")
Scarifying Head	16 Blades
Dethatching Head	24 Steel Tines
Collection Bag Capacity	12 Gallons (45L)
Item Weight	1 Pounds <i>(Note: This weight may be a data entry error; actual product weight is typically higher.)</i>
Product Dimensions	39.76 x 22.83 x 43.7 inches
UPC	044459913153





9. WARRANTY AND CUSTOMER SUPPORT



The WEN DT1315 Electric Dethatcher and Scarifier is backed by a **two-year warranty** against defects in material and workmanship. For warranty claims, replacement parts, or technical assistance, please contact WEN customer service. For further assistance, visit the official WEN website or contact their customer service department directly. Please have

your model number (DT1315) and purchase information ready when contacting support.



Related Documents - DT1315

	<p>WEN 15-Inch Dethatcher & Scarifier Model DT1315 Instruction Manual</p> <p>This manual provides essential safety information, assembly instructions, operation guidelines, and maintenance procedures for the WEN 15-Inch Dethatcher & Scarifier, Model DT1315. Learn how to safely use and maintain your WEN dethatcher and scarifier for optimal performance.</p>
	<p>WEN DT1516 16-Inch Dethatcher & Scarifier Instruction Manual</p> <p>This manual provides comprehensive instructions for the WEN DT1516 16-Inch Dethatcher & Scarifier, covering safety guidelines, assembly, operation, maintenance, troubleshooting, and parts lists.</p>
	<p>WEN MSA1621 Scroll Saw Stand: Assembly, Safety, and Operation Manual</p> <p>Comprehensive instruction manual for the WEN MSA1621 Scroll Saw Stand, covering safety guidelines, unpacking, assembly instructions, mounting procedures, parts list, and warranty information. Designed for woodworking enthusiasts.</p>
	<p>WEN 2202, 2202T 20-Gallon Air Compressor Instruction Manual</p> <p>Comprehensive instruction manual for the WEN 2202, 2202T 20-Gallon Air Compressor, covering safety, operation, maintenance, troubleshooting, and parts list.</p>

 <p>WEN CORDLESS 2-IN-1 BRAD NAILER AND STAPLER Instruction Manual</p> <p>READ FIRST! IMPORTANT!</p> <p>For your safety and the safety of others, please read this instruction manual carefully before using this tool. It contains important safety information, warnings, and instructions that must be followed to avoid injury or damage to property. This manual is an integral part of the tool and should be kept with it at all times. For more information, visit www.wenproducts.com.</p>	<p>WEN 49180 Cordless 2-in-1 Brad Nailer and Stapler Instruction Manual</p> <p>Comprehensive instruction manual for the WEN 49180 Cordless 2-in-1 Brad Nailer and Stapler, covering safety guidelines, operating procedures, maintenance, specifications, and warranty information. Learn how to safely and effectively use your WEN tool.</p>
 <p>WEN OPERATOR'S MANUAL 6-Gallon Horizontal Tank Air Compressor Item #2276</p> <p>READ FIRST!</p> <p>For your safety and the safety of others, please read this instruction manual carefully before using this tool. It contains important safety information, warnings, and instructions that must be followed to avoid injury or damage to property. This manual is an integral part of the tool and should be kept with it at all times. For more information, visit www.wenproducts.com.</p>	<p>WEN 6-Gallon Horizontal Tank Air Compressor Operator's Manual #2276</p> <p>Operator's manual for the WEN 6-Gallon Horizontal Tank Air Compressor (Item #2276), providing detailed instructions on safety, operation, maintenance, troubleshooting, and warranty information.</p>