

## DEGGE SY-818

# DEGGE SY-818 Cordless Tiller Cultivator User Manual

Model: SY-818

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your DEGGE SY-818 Cordless Tiller Cultivator. Please read all instructions carefully before use to ensure proper assembly, operation, and maintenance. Retain this manual for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

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When using an electrical appliance, basic precautions should always be followed to reduce the risk of fire, electric shock, or injury. Always wear substantial footwear and long trousers while operating the machine. Do not wear loose clothing or jewelry that can be drawn around the blade. When using the product, be sure to wear protective glasses, a hat, and a mask. Ordinary sunglasses or regular glasses are not considered safety glasses.

- Do not leave the appliance when the battery is fitted. Remove the battery from the appliance when not in use and before servicing.
- Do not expose to rain. Store indoors.
- Do not allow the tiller to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only the manufacturer's recommended attachments.
- Do not use with a damaged battery. If the appliance has been dropped, damaged, left outdoors, or dropped into water, do not use it.
- Never operate the machine while people, especially children, or pets are nearby.
- Switch off the blower and remove the battery cartridge and make sure that all moving parts have come to a complete stop whenever you leave the machine.
- Before checking, cleaning, or working on the machine, switch off the blower and remove the battery cartridge.
- If the blower starts to vibrate abnormally, switch off the machine immediately and remove the battery cartridge.
- Always keep both hands on the handles and press both buttons simultaneously to start the tiller. Never operate the tiller with the blades engaged unless both buttons are being pressed.

## PACKAGE CONTENTS

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Verify that all items are present and in good condition:

- Handle \*1
- Aluminum Tube \*1
- Blade \*2 (48 steel tines)
- Battery \*2 (21V 3.0Ah Lithium)
- Base \*1
- Baffle \*1
- Adapter \*1 (Charger)
- User Manual \*1

## SETUP

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Follow these steps to assemble your DEGGE Cordless Tiller Cultivator:

1. **Install the Baffle:** Insert the baffle from the handle end. Pay attention to the direction and insert the baffle into the slot. Tighten the screw to secure the baffle in place.



Image: The main body of the tiller with the baffle being attached to the base.

2. **Install the Aluminum Tube:** Align the female socket holes on the aluminum rod and with the male plug holes on the machine head. Insert fully until seated, then tighten the knob to secure.

# TILLER DIMENSIONS

56\*10.4\*8.2 inch



Control Button Panel



Handle



Depth Adjustment Lever



Battery Housing



Tilling Tines



**2** 21V Large Capacity Battery

Image: A detailed view of the aluminum tube being connected to the tiller's main body, showing alignment points.

3. **Attach the Handle:** Align the female socket holes on the handle with the male plug holes on the aluminum rod. Insert fully until engaged, then tighten the knob to secure.



# CORDLESS TILLING

Free From The Restraint  
of Power Cords

Image: A person attaching the upper handle assembly to the tiller shaft.

4. **Install the Tines (Blades):** Install two wheels on both sides of the shaft. Align the holes, insert the screw, and tighten securely. Note: Wheels must be installed in reverse orientation. Incorrect installation will prevent alignment with shaft mounting holes.

# 4\*12 SHARP STEEL TINES

Enhance Soil Loosening Efficiency



Image: Close-up of the tiller's sharp steel tines being attached to the rotating shaft.

5. **Install the Battery:** Install the battery at the bottom of the handle until it clicks into place.

# 2\*21V LARGE CAPACITY BATTERY

Up to 2×20 mins of Runtime



Image: A person inserting a 21V 3.0Ah battery into the base of the tiller's handle.

6. **Adjust the Handle Grip:** Loosen the adjustment knob on the handle grip, position it for comfortable use, and then tighten the knob to secure.

Your browser does not support the video tag.

Video: A quick installation guide demonstrating the assembly steps, including adjusting the handle grip.

## OPERATING INSTRUCTIONS

To operate your DEGGE Cordless Tiller Cultivator, follow these guidelines:

- **Power On:** Press and hold the safety button and the power trigger simultaneously to start the motor. Release both to stop.
- **Battery Level Check:** Press the button on the battery pack to view the charge level indicators.
- **Charging Battery:** Connect the charger to the battery pack and plug it into a power outlet. The indicator lights will show charging status. A full charge takes approximately 2 hours.

- **Tilling Tips:**

- For harder soil, lightly water the area a day before tilling.
- Let the tiller dig in before moving forward and work in shorter passes for optimal efficiency.
- Avoid forcing the tool; let the tines do the work.
- Clear debris or weeds from the blades regularly to reduce clogging and battery drain.
- For larger yards, rotate batteries and work in sections to maintain continuous productivity.

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Video: Demonstrates the DEGGE Cordless Tiller Cultivator in action, highlighting its ease of use and effectiveness in various soil conditions.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your tiller:

- **Cleaning:** After each use, remove any soil, debris, or plant matter from the tines and housing. Use a damp cloth for cleaning; do not use harsh chemicals.
- **Storage:** Store the machine in a dry, secure location away from direct sunlight and moisture. Ensure the battery is removed before storage.
- **Inspection:** Periodically check all nuts, bolts, and screws for tightness. Ensure the blades are sharp and free from damage. Replace worn or damaged parts immediately.

## TROUBLESHOOTING

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If you encounter issues with your tiller, refer to the following common problems and solutions:

- **Tiller not starting:** Ensure the battery is fully charged and properly inserted. Verify that both the safety button and trigger are pressed simultaneously.
- **Reduced performance:** Check for debris or roots tangled in the tines. Clean them thoroughly. Ensure the battery is adequately charged.
- **Excessive vibration:** Stop the machine immediately and remove the battery. Inspect the blades for damage or imbalance. Contact customer support if the issue persists.

## SPECIFICATIONS

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Feature	Detail
Model	SY-818
Input	21V - 1.5A
Battery Capacity	3000mAh
Max. Working Depth	6.7 inches (170mm)
Tilling Width	9 inches
No-Load Speed	300 rpm
Tines	48 Hardened Steel Tines
Power Source	Battery Powered

Material	Steel
Item Weight	14.47 pounds
Product Dimensions	17.72 x 13.78 x 7.87 inches

## WARRANTY

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Information regarding the product warranty is not available in the provided data. Please refer to the product packaging or contact the retailer for warranty details.

## SUPPORT

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For technical assistance, replacement parts, or any other inquiries, please contact DEGGE customer service through the retailer where the product was purchased. Always provide your model number (SY-818) when seeking support.