



Manuals.plus /

› Mantis /

› Mantis 3222 Border Edger Attachment Instruction Manual

Mantis 3222

Mantis 3222 Border Edger Attachment Instruction Manual

Model: 3222

1. PRODUCT OVERVIEW

The Mantis 3222 Border Edger Attachment is designed to connect to Mantis 7000 Series Tiller/Cultivators. This attachment allows users to create clean, defined borders around garden beds, pathways, and sidewalks, or to refresh existing edges. It is specifically engineered for compatibility with Mantis 7000 Series tillers and is not compatible with the Mantis XP tiller or Mantis 3550 and 3558 tiller models. The tiller unit is sold separately.



Figure 1: Front view of the Mantis 3222 Border Edger Attachment, showing the edger blade and wheel.

2. SAFETY INFORMATION

Always prioritize safety when operating power equipment. Adhere to the following guidelines:

- Wear appropriate protective gear, including safety glasses and gloves, during operation.
- Keep hands, hair, and loose clothing away from all moving parts of the tiller and attachment.
- Ensure the tiller is turned off and the battery (if applicable) is disconnected before performing any maintenance, adjustments, or when attaching/detaching the edger.
- Refer to the main tiller's operator manual for comprehensive safety instructions specific to your Mantis 7000 Series Tiller/Cultivator.

3. PACKAGE CONTENTS

The Mantis 3222 Border Edger Attachment package typically includes:

- Mantis 3222 Border Edger Attachment
- Mounting hardware (if not pre-attached)
- Instruction sheet (this document)

4. SETUP AND ASSEMBLY

The Mantis 3222 Border Edger Attachment is designed for quick and tool-less installation onto your Mantis 7000 Series Tiller. Follow these steps:

1. Ensure your Mantis Tiller is turned off and cooled down. Disconnect the spark plug wire or battery for safety.
2. Remove the existing tilling blades from your Mantis 7000 Series Tiller according to your tiller's instruction manual.
3. Align the mounting mechanism of the 3222 Border Edger Attachment with the tiller's shaft.
4. Secure the attachment using the provided pins or locking mechanisms. Ensure it is firmly seated and does not wobble.
5. Verify all connections are tight before proceeding.



Figure 2: Top view of the Mantis 3222 Border Edger Attachment, showing the mounting points.

5. OPERATING INSTRUCTIONS

Once the edger attachment is securely installed, you can begin edging. The Mantis edger is effective for creating clean lines along driveways, sidewalks, and garden beds.

- **Starting the Tiller:** Follow the starting procedures outlined in your Mantis Tiller's instruction manual.
- **Edging Technique:** For optimal results, it is often more effective to pull the tiller backwards along the edge rather than pushing it forward. This allows for better control and a cleaner cut, especially in tougher soil or overgrown areas.
- **Depth Control:** The edger can be used in different directions to achieve varying depths. Experiment with the angle and direction of pull to find the desired depth for your specific application.
- **Around Curves:** The compact design of the Mantis tiller with the edger attachment allows for easy maneuvering around curves and irregular shapes.



Figure 3: The Mantis 3222 Border Edger Attachment actively cutting a clean edge between grass and a paved surface.

Instructional Video: Mantis Tiller/Cultivator Border Edger Attachment



Video 1: This video demonstrates the Mantis Border Edger Attachment in action, showing its ease of use and effectiveness in defining garden edges and sidewalks. It highlights the quick attachment process and the clean results achieved.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your edger attachment.

- **Cleaning:** After each use, clean any soil, grass, or debris from the edger blade and wheel. A stiff brush or cloth can be used.
- **Inspection:** Periodically inspect the edger blade for wear or damage. Replace worn blades to maintain cutting efficiency. Check all fasteners to ensure they are tight.
- **Storage:** Store the attachment in a clean, dry place when not in use.

7. TROUBLESHOOTING

If you encounter issues with your Mantis 3222 Border Edger Attachment, consider the following:

- **Poor Edging Performance:**
 - Check if the blade is dull or damaged. Replace if necessary.
 - Ensure the attachment is securely fastened to the tiller.
 - Adjust your operating technique; try pulling the tiller backwards.
- **Attachment Wobbles:**
 - Verify all mounting pins and fasteners are correctly engaged and tightened.
 - Ensure the attachment is fully seated on the tiller shaft.

For further assistance, refer to your Mantis Tiller's main manual or contact Mantis customer support.

8. SPECIFICATIONS

Model Number	3222
Brand	Mantis
Material	Alloy Steel
Product Dimensions (D x W x H)	8"D x 9"W x 3"H
Item Weight	2 Pounds
Compatibility	Mantis 7000 Series Tiller/Cultivators (Not compatible with Mantis XP, 3550, or 3558 models)
GTIN/UPC	615964076536

9. WARRANTY INFORMATION

The Mantis 3222 Border Edger Attachment is covered by a **2-Year Limited Warranty** from the manufacturer. This warranty covers defects in materials and workmanship under normal use. For full details regarding warranty terms, conditions, and how to make a claim, please refer to the warranty documentation included with your original Mantis Tiller or visit the official Mantis website.

10. CUSTOMER SUPPORT

For technical assistance, replacement parts, or any questions not addressed in this manual, please contact Mantis customer support. You can typically find contact information on the official Mantis website or in the documentation provided with your Mantis Tiller.

