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> Stens 330-377 Lawnmower Blade User Manual for John Deere and Scotts 42-inch Decks

Stens 330-377

Stens 330-377 Lawnmower Blade User Manual

Model: 330-377 | Brand: Stens

1. INTRODUCTION

This manual provides essential information for the safe and effective use, installation, and maintenance of your Stens 330-377 Lawnmower Blade. Please read these instructions carefully before installation or operation to ensure proper function and safety.

2. SAFETY INFORMATION

Always prioritize safety when working with lawnmower blades. Failure to follow these safety guidelines may result in serious injury.

- **Disconnect Power:** Before performing any maintenance or installation, ensure the lawnmower's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves and eye protection when handling blades. Blades are sharp and can cause severe cuts.
- **Secure the Mower:** If tilting the mower, ensure the fuel tank is less than half full and the spark plug is facing upwards to prevent fuel leakage. Use appropriate blocks or stands to stabilize the mower.
- **Inspect Regularly:** Periodically inspect blades for damage, cracks, or excessive wear. Replace damaged blades immediately.
- **Correct Installation:** Ensure the blade is installed correctly and securely tightened to the manufacturer's specifications. An improperly installed blade can become a dangerous projectile.

3. PRODUCT OVERVIEW

The Stens 330-377 is a high-quality mulching blade designed for specific John Deere and Scotts lawn tractors. This blade is engineered to provide a clean cut and efficient mulching performance.

Key Features:

- Commercial Mulching Blade
- Designed to meet or exceed OEM specifications

- Proudly made in the USA

Compatibility:

This blade is a replacement for OEM Numbers: John Deere M127129, M139802, and Scotts M139802, M145969. It is compatible with:

- John Deere: LT160 series 42" C deck; 1742GS and 1742HS Sabre lawn tractors (requires 2 blades for a 42" deck)
- Scotts: S1642 and S1742, 1999-2001 series with 42" deck



Figure 1: Top view of the Stens 330-377 mulching blade. This image shows the overall shape and design of the blade, including the central mounting hole.



Figure 2: Angled view of the Stens 330-377 mulching blade, highlighting the cutting edge and mulching teeth.



Figure 3: Close-up view of the rounded center hole design on the Stens 330-377 blade, crucial for proper mounting.

Understanding Lawnmower Blades:

The following video provides general information about different types of Stens lawnmower blades, including mulching blades, and their applications.

Your browser does not support the video tag.

Video 1: An informational video from Stens discussing various types of lawnmower blades, their features, and recommended uses. This video helps in understanding the benefits of mulching blades like the 330-377.

4. SPECIFICATIONS

Attribute	Detail
Model Number	330-377

Attribute	Detail
Blade Type	Mulching Blade
Length	21 1/2 inches
Width	2 1/2 inches
Center Hole Diameter	11/16 inches (Rounded)
Thickness	0.164 inches
Material	Carbide
Weight	2.25 Pounds
Replaces OEM	John Deere: M127129, M139802; Scotts: M139802, M145969

5. SETUP AND INSTALLATION

Proper installation is crucial for safety and performance. Always refer to your lawnmower's owner's manual for specific instructions and torque specifications.

- 1. Prepare the Mower:** Ensure the engine is off and cool. Disconnect the spark plug wire. If the mower has a fuel tank, ensure it is less than half full and position the mower so the spark plug is facing upwards if tilting.
- 2. Secure the Mower:** Use jack stands or blocks to safely elevate and stabilize the mower deck, allowing access to the blades.
- 3. Remove Old Blade:** While wearing heavy gloves, use a wrench to loosen the blade bolt. You may need a block of wood to prevent the blade from turning. Remove the old blade and any washers or spacers, noting their order.
- 4. Inspect Components:** Examine the blade adapter, washers, and bolt for wear or damage. Replace any worn parts.
- 5. Install New Blade:** Position the new Stens 330-377 blade onto the blade adapter, ensuring the cutting edge faces the correct direction (usually towards the deck). The rounded center hole should align perfectly with the adapter.
- 6. Tighten Blade Bolt:** Reinstall the blade bolt and any washers. Tighten the bolt securely to the torque specifications provided in your lawnmower's owner's manual. Overtightening or undertightening can be dangerous.
- 7. Verify Fit:** Before reconnecting the spark plug, manually rotate the blade to ensure it spins freely and does not contact any part of the mower deck.
- 8. Reconnect Power:** Reconnect the spark plug wire.

Note: For 42-inch decks on compatible John Deere and Scotts models, two Stens 330-377 blades are required for full coverage. Ensure both blades are installed correctly.

6. OPERATING INSTRUCTIONS

Once the Stens 330-377 mulching blade(s) are correctly installed, operate your lawnmower according to its manufacturer's instructions. Mulching blades are designed to cut grass into fine clippings that are returned to the lawn as natural fertilizer. For optimal mulching performance:

- Avoid cutting more than one-third of the grass blade length at a time.
- Mow when the grass is dry.
- Maintain a consistent mowing speed.

7. MAINTENANCE

Regular maintenance extends the life of your blade and ensures optimal cutting performance.

- **Cleaning:** After each use, clean grass clippings and debris from the blade and underside of the mower deck. This prevents buildup that can affect performance and balance.
- **Sharpening:** Sharpen the blade regularly using a file or grinder. Maintain the original cutting angle. A sharp blade provides a cleaner cut and is healthier for your lawn.
- **Balancing:** After sharpening, always check the blade for proper balance. An unbalanced blade can cause excessive vibration, damage to the mower, and an uneven cut. Use a blade balancer tool for this purpose.
- **Inspection:** Periodically inspect the blade for any signs of damage, such as bends, cracks, or excessive wear. If any damage is found, replace the blade immediately.
- **Storage:** When storing the blade for extended periods, clean it thoroughly and apply a light coat of oil to prevent rust.

8. TROUBLESHOOTING

If you experience issues with your lawnmower's cutting performance after installing the Stens 330-377 blade, consider the following:

- **Uneven Cut:**
 - Check if the blade is bent or unbalanced.
 - Ensure the blade is sharp.
 - Verify the mower deck is level.
 - Confirm both blades are installed correctly on 42-inch decks.
- **Excessive Vibration:**
 - The blade may be unbalanced due to uneven sharpening or damage.
 - The blade bolt may not be tightened to the correct torque.
 - The blade adapter might be damaged.
- **Poor Mulching Performance:**
 - Grass may be too wet or too long.
 - Mowing speed might be too fast.
 - Blade may be dull or damaged.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Stens 330-377 Lawnmower Blade, please contact Stens customer service directly. Keep your purchase receipt as proof of purchase.

You can find more information and contact details on the official Stens website: [Stens Store on Amazon](#)

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