

new holland 268 square baler manual

New Holland 268 Square Baler Manual is an essential resource for operators and maintenance personnel who work with this classic piece of agricultural machinery. The New Holland 268 model is known for its durability and efficiency in producing high-quality square bales. This article will delve into the various aspects of the New Holland 268 Square Baler Manual, highlighting its features, operation, maintenance, and troubleshooting tips. Understanding these elements will ensure optimal performance and longevity from this machine.

Overview of the New Holland 268 Square Baler

The New Holland 268 Square Baler is a celebrated model in the realm of hay and straw baling. It was designed for farmers who require a reliable solution for creating bales that are easy to handle and store. Below are key features that make the New Holland 268 a preferred choice:

- **Compact Design:** The baler's compact size allows it to maneuver easily in tight spaces, making it suitable for smaller farms or uneven terrains.
- **Versatile Baling Options:** It can handle various types of forage, including hay, straw, and silage, giving farmers flexibility in their operations.
- **Durability:** Built with robust materials, the New Holland 268 is designed to withstand the rigors of agricultural work, ensuring long-term use.
- **Bale Size Adjustability:** Operators can customize the size of the bales to meet specific storage or transportation needs.

Understanding the Manual

The New Holland 268 Square Baler Manual serves as a comprehensive guide for users, detailing

everything from operational instructions to maintenance schedules. Below are the primary components of the manual:

1. Safety Information

Safety is paramount when operating heavy machinery. The manual includes important safety guidelines, such as:

- Always wear appropriate personal protective equipment (PPE) when operating the baler.
- Ensure that all guards and shields are in place before starting the machine.
- Keep hands and clothing away from moving parts to prevent accidents.
- Only operate the baler in good visibility and stable ground conditions.

2. Operating Instructions

The operational section of the manual provides step-by-step instructions on how to use the baler effectively. Key operational guidelines include:

- Preparation: Inspect the baler before use, checking for any wear or damage.
- Starting the Baler: Instructions on how to start the engine and engage the baler, including necessary adjustments for different forage types.
- Baling Process: Detailed steps on how to load the forage, monitor moisture levels, and adjust bale tension settings for optimal bales.
- Shut Down Procedures: Guidelines on safely shutting down the baler after use, including cleaning and maintenance checks.

3. Maintenance Guidelines

Proper maintenance is crucial for the longevity of the New Holland 268 Square Baler. The manual outlines regular maintenance tasks that should be performed, such as:

- Daily Checks:
 - Inspect belts for wear and tension.
 - Check hydraulic fluid levels and refill as necessary.
 - Clean the baler to remove debris from the previous use.
- Weekly Maintenance:
 - Lubricate moving parts to ensure smooth operation.
 - Inspect the knotters for any signs of malfunction and clean as needed.
- Seasonal Maintenance:
 - Replace worn out parts, including bearings and seals.
 - Inspect and adjust the twine or wire system to ensure proper tying of bales.

4. Troubleshooting Common Issues

The manual also includes a section dedicated to troubleshooting common problems that may arise during operation. Some typical issues and their solutions include:

- Bales Not Tying Properly:
 - Check for knotter blockages or twine that has frayed.
 - Ensure that the twine tension is set correctly.
- Baler Jamming:
 - Clear any obstructions from the pickup area.

- Adjust the pickup height to ensure optimal forage flow into the baler.
- Uneven Bale Size:
- Verify that the bale chamber is clean and free of debris.
- Adjust the pressure settings for the bale size required.

Parts and Accessories

The New Holland 268 Square Baler Manual includes a comprehensive parts list and diagrams for easy identification of components. Understanding the parts of the baler is essential for effective maintenance and repairs. Key components include:

- Bale Chamber: Where the bale is formed; regular cleaning is necessary to avoid build-up.
- Pickup Mechanism: Picks up the forage and feeds it into the baler; should be checked for proper function regularly.
- Knotters: Responsible for tying the bales; essential to keep them clean and in good working order.
- Drive System: Powers the baler; ensure proper lubrication and check for wear.

Best Practices for Optimal Baling

To maximize the efficiency of the New Holland 268 Square Baler and produce high-quality bales, consider the following best practices:

1. Monitor Weather Conditions: Always aim to bale hay during dry periods to ensure optimal moisture content and reduce spoilage risks.
2. Regularly Check Equipment: Before starting, inspect the baler for any signs of wear or damage. This helps to avoid breakdowns during operation.
3. Adjust for Forage Type: Different types of forage may require different settings for optimal baling.

Familiarize yourself with the necessary adjustments for each type.

4. Use Quality Twine or Wire: Ensure that you are using high-quality materials for tying bales, which can prevent issues during transportation and storage.

Conclusion

In summary, the New Holland 268 Square Baler Manual is an invaluable tool for anyone looking to operate this baler effectively. By understanding the operational guidelines, maintenance requirements, and troubleshooting techniques, users can ensure the machine operates at peak efficiency. With its robust design and versatile capabilities, the New Holland 268 remains a staple in the agricultural sector, and proper guidance from its manual can significantly enhance productivity and yield. Whether you are a seasoned operator or a new user, familiarizing yourself with this manual will lead to successful baling operations.

Frequently Asked Questions

What type of maintenance is recommended for the New Holland 268 square baler?

Regular maintenance includes checking and adjusting the tension on the baler belts, lubricating moving parts, and inspecting the knotters for wear to ensure efficient operation.

Where can I find a digital copy of the New Holland 268 square baler manual?

Digital copies of the New Holland 268 square baler manual can often be found on the official New Holland website or through agricultural equipment retailers that offer parts and manuals.

What are the key specifications of the New Holland 268 square baler?

The New Holland 268 square baler typically has a bale size of 14 x 18 inches and can produce bales weighing between 40 to 60 pounds, depending on the material being baled.

How do you adjust the bale tension on the New Holland 268 square baler?

Bale tension can be adjusted using the tension adjustment lever located on the baler; turning it clockwise increases tension, while turning it counterclockwise decreases it.

What are common troubleshooting tips for the New Holland 268 square baler?

Common troubleshooting tips include checking the knotters for proper operation, ensuring that the pickup is clear of debris, and inspecting the drive belts for wear or damage.

Is there a specific oil type recommended for the New Holland 268 square baler?

It is recommended to use high-quality hydraulic oil that meets the manufacturer's specifications; typically, ISO 32 or 46 hydraulic oil is suitable.

What safety precautions should be taken when operating the New Holland 268 square baler?

Operators should always wear appropriate safety gear, ensure that all guards are in place, and read the manual thoroughly before operation to familiarize themselves with safety features.

Can the New Holland 268 square baler be used for different types of

crops?

Yes, the New Holland 268 square baler is versatile and can be used for various crops, including hay, straw, and silage, providing adjustments as necessary for different materials.

How can I improve the efficiency of my New Holland 268 square baler?

To improve efficiency, ensure that the baler is properly maintained, adjust the pickup height for optimal crop gathering, and monitor the knotting mechanism for consistent performance.

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