

new holland 850 round baler manual

New Holland 850 Round Baler Manual

The New Holland 850 Round Baler is a widely used agricultural machine designed for creating round bales of hay and straw. This machine is popular among farmers for its efficiency and reliability. However, like any piece of machinery, it requires proper operation and maintenance to ensure optimal performance. The New Holland 850 Round Baler Manual serves as an essential guide for users, providing vital information regarding operation, maintenance, troubleshooting, and safety procedures. This article will delve into the key features of the manual and offer insights into using and maintaining the New Holland 850 Round Baler effectively.

Overview of the New Holland 850 Round Baler

The New Holland 850 Round Baler is known for its robust construction and innovative design. It is capable of producing bales of various sizes, making it adaptable to different farming needs. Here are some of the key features of the New Holland 850 Round Baler:

- Capacity: The baler can handle a wide range of crop types, including grass, alfalfa, and straw.
- Bale Sizes: It produces bales ranging from 4 to 5 feet in diameter.
- Twine and Net Wrap: The machine can use either twine or net wrap to secure bales, providing flexibility based on user preference.
- Hydraulic Operation: The baler is equipped with hydraulic systems that facilitate automatic bale formation and ejection.

Understanding the Manual

The New Holland 850 Round Baler Manual is a comprehensive document that contains crucial information for both novice and experienced operators. The manual is typically organized into several sections, each addressing different aspects of the baler's operation and maintenance.

1. Safety Precautions

Safety is paramount when operating any agricultural machinery, and the New Holland 850 Round Baler is no exception. The manual outlines essential safety precautions, including:

- Always wear appropriate personal protective equipment (PPE) such as gloves, goggles, and hearing protection.
- Ensure that all safety guards and shields are in place before operating the baler.
- Do not allow unauthorized personnel near the baler during operation.
- Familiarize yourself with emergency shut-off procedures.

2. Operating Instructions

The operating section of the manual provides detailed instructions on how to use the baler effectively. Key points include:

- Pre-Operation Checks: Before starting the baler, perform a thorough inspection, including checking fluid levels, tire pressure, and overall condition.
- Starting the Baler: Follow the step-by-step process for starting the machine, including engaging the PTO (Power Take Off).
- Bale Formation: The manual describes the proper technique for bale formation, including the optimal speed and adjustment of the feeding system.

- Bale Ejection: Instructions on how to properly eject the bales once they are formed to ensure safety and efficiency.

3. Maintenance Procedures

Regular maintenance is critical for the longevity of the New Holland 850 Round Baler. The manual provides a comprehensive maintenance schedule, which includes:

- Daily Maintenance:

- Check and clean the pickup and feeding mechanisms.
- Inspect belts and chains for wear and tension.
- Lubricate moving parts as specified in the manual.

- Seasonal Maintenance:

- Replace worn-out parts such as bearings and bushings.
- Change hydraulic fluid and filters as recommended.
- Inspect and maintain the twine and net wrap systems.

- Annual Maintenance:

- Conduct a thorough inspection of the entire baler.
- Check wiring and electrical systems for any signs of damage.
- Review and replace any parts that show excessive wear.

Troubleshooting Common Issues

Even with proper maintenance, issues may arise during operation. The New Holland 850 Round Baler Manual includes a troubleshooting section to help users identify and resolve common problems. Some typical issues and their solutions include:

1. Bale Not Forming Correctly

- Possible Causes:

- Incorrect adjustment of the feeding mechanism.
- Insufficient crop material being fed into the baler.
- Worn-out belts or chains.

- Solutions:

- Adjust the feeding speed and ensure the pickup is functioning correctly.
- Monitor the amount of crop being fed into the baler.
- Replace any worn parts as needed.

2. Twine or Net Wrap Issues

- Possible Causes:

- Twine or net wrap is not feeding correctly.
- Incorrect tension settings on the twine or net wrap dispensers.

- Solutions:

- Check for any obstructions in the feeding system.
- Adjust the tension settings according to the manual's specifications.

3. Hydraulic Problems

- Possible Causes:

- Low hydraulic fluid levels.
- Leaks in hydraulic lines.

- Solutions:
- Regularly check and refill hydraulic fluid as needed.
- Inspect hydraulic lines for signs of wear or leakage and replace if necessary.

Conclusion

The New Holland 850 Round Baler Manual is an indispensable resource for anyone operating this agricultural machine. It not only provides essential operational guidelines but also emphasizes the importance of safety and maintenance. By following the instructions outlined in the manual, users can ensure their baler operates efficiently, minimizing downtime and maximizing productivity. Regular adherence to the maintenance schedule and prompt troubleshooting of issues will help extend the life of the New Holland 850 Round Baler, making it a valuable investment for farmers engaged in hay and straw production.

Frequently Asked Questions

What is the primary purpose of the New Holland 850 round baler?

The New Holland 850 round baler is designed for the efficient harvesting and baling of hay and straw, allowing farmers to create round bales for easier handling and storage.

Where can I find the official manual for the New Holland 850 round baler?

The official manual for the New Holland 850 round baler can typically be found on the New Holland website in the support or resources section, or you may request a physical copy from an authorized New Holland dealer.

What are some common maintenance tips for the New Holland 850 round baler?

Common maintenance tips include regularly checking and lubricating the bearings, inspecting the belts for wear, cleaning the pickup and chamber areas after use, and ensuring that all safety features are functional.

How do I troubleshoot issues with the New Holland 850 round baler?

To troubleshoot issues, start by consulting the manual for common problems and solutions. Check for clogs, ensure that the baler's settings are correct, and inspect the hydraulic system and electronics for any faults.

What size bales does the New Holland 850 round baler produce?

The New Holland 850 round baler typically produces bales that are approximately 4 feet in diameter and can vary in width depending on the specific settings used during operation.

Are there any specific operating procedures for the New Holland 850 round baler?

Yes, the manual outlines specific operating procedures, including starting the baler, adjusting tension settings, and guidelines for safe operation to prevent damage and ensure efficiency.

What are the key specifications of the New Holland 850 round baler?

Key specifications include its bale size, overall weight, power requirements, and the type of hitch used. These details can be found in the manual or on the manufacturer's website.

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