

Hesston 845 Round Baler Manual



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The Hesston 845 Round Baler is a notable piece of agricultural machinery designed for efficient baling of hay and other forage materials. Understanding how to operate, maintain, and troubleshoot this baler is essential for farmers seeking to optimize their productivity. This article will serve as a comprehensive manual for the Hesston 845 Round Baler, covering its features, operation, maintenance, and troubleshooting tips to ensure that users can maximize their investment in this vital equipment.

Features of the Hesston 845 Round Baler

The Hesston 845 Round Baler is equipped with a variety of features that enhance its performance and usability. Here are some notable features:

1. Baling Capacity

- The baler can produce bales ranging from 4 to 5 feet in diameter.
- It has a capacity to produce up to 25 bales per hour, depending on the conditions and operator skill.

2. Pickup Design

- The Hesston 845 features an efficient pickup design that ensures maximum forage intake.
- It has a wide pickup width of 72 inches, allowing for better coverage and reduced missed material.

3. Hydraulic System

- The baler is equipped with a robust hydraulic system that powers various functions, including the pickup and bale ejection.
- Operators can control the baler with ease using the hydraulic controls from the tractor.

4. Bale Chamber

- The bale chamber is designed to create tightly packed bales for easy handling and storage.
- It utilizes a unique roller design that helps to ensure uniformity in bale density.

5. Durable Construction

- Built with high-quality materials, the Hesston 845 is designed to withstand harsh agricultural conditions.
- Key components are constructed to resist wear and tear, prolonging the life of the baler.

Operating the Hesston 845 Round Baler

Operating the Hesston 845 Round Baler requires understanding its controls and following proper procedures to ensure safe and efficient baling.

1. Pre-Operation Checks

Before starting the baler, it is crucial to perform several checks:

- Inspect the hydraulic system: Ensure there are no leaks and that all hoses are connected properly.
- Examine the pickup mechanism: Check for any obstructions or damage that could hinder performance.
- Review the twine or net wrap system: Ensure that the twine is correctly threaded and that there are adequate supplies.
- Check the tire pressure: Proper tire inflation is essential for optimal performance.

2. Starting the Baler

To start the Hesston 845 Round Baler:

1. Connect the baler to the tractor and engage the PTO shaft.
2. Adjust the tractor speed to match the baler's recommended operating speed, typically between 4 to 6 miles per hour.
3. Lower the pickup to the ground and engage the baler by activating the controls.

3. Baling Procedure

When baling, follow these steps:

- Maintain a consistent speed: Keep a steady pace to ensure uniform bales.
- Monitor the feed: Watch for any clogging or overloading in the pickup area.
- Adjust bale size settings as necessary: Depending on the material and desired bale size, you may need to make adjustments mid-operation.

Maintenance of the Hesston 845 Round Baler

Regular maintenance is vital to keep the Hesston 845 Round Baler in optimal working condition. A well-maintained baler will perform better and last longer.

1. Daily Maintenance Tasks

Before each use, perform these daily checks:

- Clean the baler from any debris or leftover forage.
- Inspect the belts and chains for wear and tension.
- Lubricate all moving parts as per the manufacturer's recommendations.
- Check the condition of the twine or net wrap.

2. Weekly Maintenance Tasks

In addition to daily tasks, conduct a more thorough inspection weekly:

- Examine the hydraulic system for leaks and proper fluid levels.
- Inspect the pickup and bale chamber for signs of damage or excessive wear.
- Test the electrical components, ensuring that lights and sensors are functioning properly.

3. Seasonal Maintenance Tasks

At the end of the baling season, complete these tasks:

- Replace worn belts and chains before storage.
- Drain and replace hydraulic fluid as needed.
- Store the baler in a dry, covered area to prevent rust and corrosion.

Troubleshooting Common Issues

Even with proper operation and maintenance, users may encounter issues with the Hesston 845 Round Baler. Here are some common problems and their solutions:

1. Baler Not Starting

- Check the tractor's PTO connection: Ensure it is fully engaged.
- Inspect hydraulic connections: Look for leaks or disconnections.
- Verify electrical components: Check fuses and wiring for damage.

2. Poor Bale Formation

- Adjust tension settings: Ensure that the belts are properly tensioned.
- Inspect the pickup area: Look for obstructions or damage to the pickup tines.
- Evaluate forage conditions: Wet or excessively dry material can affect bale quality.

3. Twine or Net Wrap Issues

- Check threading: Ensure that the twine or net is threaded correctly through the system.
- Inspect for tangles: Clear any tangles that may prevent proper wrapping.
- Replace worn components: Change any worn rollers or guides that may affect wrapping.

Conclusion

The Hesston 845 Round Baler is a reliable and efficient tool for farmers engaged in hay and forage production. By understanding its features, operating procedures, maintenance requirements, and troubleshooting common issues, users can ensure that they achieve optimal performance from their baler. Regular care and attention to detail can significantly enhance the longevity and effectiveness of the Hesston 845, making it an invaluable asset in any agricultural operation. Whether you're a seasoned operator or a first-time user, this manual serves as a guiding resource to help you navigate the complexities of baling with confidence.

Frequently Asked Questions

What is the primary purpose of the Hesston 845 round baler?

The primary purpose of the Hesston 845 round baler is to efficiently gather, compress, and wrap hay or straw into round bales for easier handling and storage.

Where can I find the operator's manual for the Hesston 845 round baler?

The operator's manual for the Hesston 845 round baler can be found on the manufacturer's website or through authorized Hesston dealers. It may also be available in PDF format on agricultural equipment resources.

What maintenance tips are recommended for the Hesston 845 round baler?

Regular maintenance tips include checking and tightening all bolts, lubricating moving parts, inspecting belts and chains for wear, and cleaning the machine after use to prevent rust and damage.

What are the key specifications of the Hesston 845 round baler?

Key specifications of the Hesston 845 round baler include bale size, weight capacity, and power requirements, which can vary based on the model year. Specific details can be found in the operator's manual.

How do I adjust the bale density on the Hesston 845?

Bale density can be adjusted on the Hesston 845 round baler by changing the tension on the belts or altering the hydraulic pressure settings as outlined in the operator's manual.

What type of tractor is compatible with the Hesston 845 round baler?

The Hesston 845 round baler is compatible with tractors that have sufficient horsepower and hydraulic capabilities; typically, tractors ranging from 60 to 100 horsepower are suitable.

How do I troubleshoot common issues with the Hesston 845 round baler?

Common troubleshooting steps include checking for blockages in the pickup, ensuring proper tension on belts, and verifying that the hydraulic system is functioning correctly. Detailed troubleshooting can be found in the manual.

What safety precautions should be taken when operating the Hesston 845 round baler?

Safety precautions include wearing protective gear, ensuring all guards are in place, being aware of surroundings while operating, and following the safety guidelines provided in the operator's manual.

What is the recommended operating speed for the Hesston 845 round baler?

The recommended operating speed for the Hesston 845 round baler typically ranges from 4 to 6 miles per hour, but this can vary based on field conditions and crop type.

How do I properly store the Hesston 845 round baler during off-season?

To properly store the Hesston 845 round baler during the off-season, clean the machine thoroughly, lubricate all moving parts, and store it in a dry, sheltered area to prevent rust and damage.

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