

new holland 650 baler manual

New Holland 650 Baler Manual: The New Holland 650 Baler is a versatile and reliable piece of equipment designed for handling hay and straw. For any farmer or agricultural worker, having access to the right manual is crucial for understanding the operation, maintenance, and troubleshooting of this essential machinery. This article will delve into the key aspects of the New Holland 650 Baler Manual, providing insights into its features, operation, and maintenance practices, ensuring you get the most out of your baler.

Overview of the New Holland 650 Baler

The New Holland 650 Baler is well-known for its efficiency and durability. It is designed to produce high-quality bales whether you're working with grass, alfalfa, or straw. Understanding the operation of this baler is essential for maximizing productivity on your farm.

Key Features

1. **Variable Chamber Design:** The 650 Baler features a variable chamber that allows for the production of different bale sizes. This flexibility is crucial for meeting diverse agricultural needs.
2. **Hydraulic System:** This baler utilizes a hydraulic system that enhances its efficiency. It allows for easy adjustments while working, ensuring smooth operation.
3. **Automatic Tie System:** The automatic tying mechanism ensures that bales are securely tied without requiring manual intervention, saving time and labor.
4. **Durability:** Constructed with high-quality materials, the New Holland 650 Baler is built to withstand the rigors of agricultural work, ensuring longevity.
5. **Easy Maintenance:** The design of the baler allows for easy access to key components, simplifying maintenance and reducing downtime.

Operation of the New Holland 650 Baler

Operating the New Holland 650 Baler requires a good understanding of its controls and settings. Below are the steps to effectively operate the baler.

Pre-Operation Checks

Before starting the baler, it is essential to perform a series of checks:

1. **Inspect the Baler:** Look for any signs of wear or damage, particularly in the belts and chains.
2. **Check Fluid Levels:** Ensure that hydraulic fluid and lubrication oil are at the proper levels.
3. **Tire Condition:** Inspect tires for proper inflation and tread wear.
4. **Bale Size Settings:** Adjust the bale size settings according to your needs.
5. **Safety Features:** Ensure that all safety guards and shields are in place.

Starting the Baler

1. **Connect the Baler:** Attach the baler to the tractor using the appropriate hitch.
2. **Engage the PTO:** Start the tractor and engage the Power Take-Off (PTO) to power the baler.
3. **Monitor Bale Formation:** As the baler operates, keep an eye on the bale forming chamber to ensure everything is functioning smoothly.

Adjusting Bale Size

To adjust the bale size, follow these steps:

1. **Locate the Bale Size Control:** This is usually found on the side of the baler.
2. **Adjust the Setting:** Turn the dial or lever to set your desired bale size.
3. **Test the Adjustment:** Run a short length of material through the baler to ensure the new settings produce the desired bale size.

Maintenance Practices for the New Holland 650 Baler

Regular maintenance is key to keeping your New Holland 650 Baler operating efficiently. Below are some recommended maintenance practices.

Daily Maintenance

1. Clean the Baler: Remove any debris or leftover material from the baler after use.
2. Inspect Components: Check belts, chains, and other moving parts for wear.
3. Lubrication: Apply grease to all grease fittings to ensure smooth operation.

Weekly Maintenance

1. Check Hydraulic System: Inspect hoses and connections for leaks or damage.
2. Tire Pressure: Ensure that the tires are inflated to the recommended pressure.
3. Bale Tying Mechanism: Inspect the tying system to ensure it is functioning correctly.

Seasonal Maintenance

1. Oil Change: Change the oil in the hydraulic system as per the manufacturer's recommendations.
2. Belt Replacement: Check the condition of the belts and replace any that show signs of wear.
3. Comprehensive Inspection: Conduct a thorough inspection of all components before the start of the main baling season.

Troubleshooting Common Issues

Even with regular maintenance, issues may arise during operation. Here are some common problems and their solutions.

Common Problems

1. Baler Not Feeding Material:
 - Check for blockages in the pickup.
 - Ensure that the pickup is set to the correct height.
2. Bales Not Tying Properly:
 - Inspect the tying mechanism for damage.
 - Ensure that twine is properly fed and not tangled.

3. Uneven Bale Size:

- Adjust the bale size control.
- Check for variations in the feeding speed of the material.

Preventative Measures

1. Regular Cleaning: Keeping the baler clean will prevent build-up that can cause blockages.
2. Education: Ensure all operators are trained in both operation and maintenance.
3. Timely Repairs: Address any minor issues promptly before they escalate into larger problems.

Conclusion

The New Holland 650 Baler Manual is an indispensable resource for anyone using this machinery. By understanding its features, mastering operation techniques, adhering to maintenance schedules, and troubleshooting common issues, users can ensure their baler operates efficiently and effectively. Proper training and adherence to safety protocols are also essential for the optimal performance of the baler. With diligent care and attention, the New Holland 650 Baler can significantly enhance productivity in hay and straw production, making it a valuable asset for any agricultural operation.

Frequently Asked Questions

Where can I find the New Holland 650 baler manual?

The New Holland 650 baler manual can typically be found on the official New Holland website under their support or resources section, or you can purchase a physical copy from authorized dealers.

What are the key specifications of the New Holland 650 baler?

The New Holland 650 baler features a 5-foot wide pickup, can produce bales ranging from 14 to 36 inches in diameter, and has a maximum bale weight of approximately 1,200 pounds.

How do I troubleshoot common issues with the New Holland 650 baler?

Common issues with the New Holland 650 baler can often be resolved by checking the

tension settings, inspecting the drive belts for wear, and ensuring that the pickup mechanism is clear of debris, as outlined in the manual.

What maintenance tips are provided in the New Holland 650 baler manual?

The manual provides maintenance tips such as regularly greasing moving parts, checking and adjusting the bale tension, and ensuring that the knotters are clean and properly functioning.

Is the New Holland 650 baler suitable for small farms?

Yes, the New Holland 650 baler is considered suitable for small to medium-sized farms due to its efficiency and ability to produce quality bales without requiring a large tractor.

What type of twine or net wrap should I use with the New Holland 650 baler?

The New Holland 650 baler is compatible with standard sisal twine or synthetic twine, and you can also use net wrap depending on your preference for securing bales.

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