

Hesston 560 Round Baler Specs

hesston 560 round baler specs are a topic of great interest to farmers, equipment operators, and agricultural machinery enthusiasts who seek reliable, efficient, and high-capacity baling solutions. The Hesston 560 round baler, a product of the well-respected Hesston brand, is designed to optimize productivity on the farm while maintaining durability and ease of operation. Whether you're upgrading your equipment or evaluating your current baling setup, understanding the detailed specifications of the Hesston 560 is crucial. This comprehensive guide explores all the essential aspects of the Hesston 560 round baler, including its key features, technical specifications, and operational capabilities.

Overview of the Hesston 560 Round Baler

The Hesston 560 round baler is renowned for its robust construction and versatile performance. It was designed to handle a wide range of crop types, including hay, straw, and other forage materials. Its reputation for producing uniformly shaped, tightly bound bales has made it a favorite among farmers seeking efficiency and quality. This model is part of Hesston's line of round balers that emphasize simplicity in design, durability in operation, and ease of maintenance. The Hesston 560's specifications reflect these priorities, offering a balance between high capacity and user-friendly features.

Key Features of the Hesston 560 Round Baler

Before diving into the detailed specs, it's helpful to understand some of the main features that define the Hesston 560:

- **High Capacity:** Designed to handle large volumes of crop, reducing the number of passes needed.
- **Durable Construction:** Built with heavy-duty steel components to withstand tough field conditions.
- **Ease of Operation:** Equipped with straightforward controls and features that simplify baling.
- **Adjustability:** Capable of adjusting bale size and density for different crop types.
- **Efficient Pickup System:** Ensures minimal crop loss during the pickup process.

Technical Specifications of the Hesston 560 Round Baler

Understanding the technical specifications provides insights into the baler's performance, capacity, and compatibility with different farming needs. Below are the detailed specs:

General Dimensions and Weight

1. **Length:** Approximately 12 feet 4 inches (3.76 meters)
2. **Width:** About 7 feet 8 inches (2.34 meters)
3. **Height:** Roughly 8 feet 4 inches (2.54 meters)
4. **Weight:** Around 8,500 to 9,200 pounds (3,855 to 4,173 kg), depending on configuration

Pickup and Bale Chamber

1. **Pickup Width:** 72 inches (6 feet)
2. **Pickup Rollers:** Heavy-duty, toothed rollers for efficient crop collection
3. **Bale Diameter Range:** 48 to 72 inches (4 to 6 feet)

4. **Bale Width:** Adjustable, typically around 48 inches

Drive System and Power Requirements

1. **Power Take-Off (PTO) Speed:** 540 RPM standard
2. **Recommended Tractor HP:** 60 to 90 horsepower, depending on crop density and field conditions
3. **Drive Type:** Gear-driven, with robust transmission components

Performance and Capacity

1. **Bale Weight Capacity:** Up to approximately 1,000 pounds (454 kg), depending on crop moisture and density
2. **Production Rate:** Capable of producing 10-15 bales per hour under optimal conditions
3. **Bale Density:** Adjustable via tension control to ensure consistent bale quality

Hydraulic and Electrical Systems

1. **Hydraulic Requirements:** Typically 2 hydraulic circuits for functions like bale ejection and tailgate operation
2. **Electrical System:** 12V system with standard wiring and control components

Operational Features and Adjustments

The Hesston 560 offers several features that enhance usability and adaptability:

Bale Size Adjustment

Operators can easily change bale size within the specified range by adjusting the tension and chamber settings, allowing for tailored bales suited to storage or transportation needs.

Density Control

The baler includes a manual or semi-automatic tension control system that ensures bales are uniformly dense, reducing spoilage and improving handling efficiency.

Pickup and Tine System

1. Heavy-duty pickup tines designed to minimize crop loss
2. Adjustable pickup height for different crop conditions

Ease of Maintenance

Features like accessible wear parts, straightforward lubrication points, and durable components reduce downtime and extend the lifespan of the baler.

Compatibility and Optional Features

Depending on the specific model year and customization, the Hesston 560 may come with or support various optional features: - Automatic Tie System: Facilitates quick binding of bales, increasing throughput. - Net Wrap

Compatibility: For better bale protection and handling. - Lighting and Safety Features: Additional lighting for night operation and safety shields. - Crop Specific Adjustments: Tailored settings for hay, straw, or other crops.

Conclusion

The Hesston 560 round baler remains a reliable and efficient choice for farmers and agricultural professionals seeking a high-capacity baling solution. Its detailed specifications showcase a machine built for durability, ease of use, and adaptability across various crop types and field conditions. Whether you're aiming to optimize your baling process or expand your equipment lineup, understanding the Hesston 560's specs helps ensure you select the right tool for your farm's needs. With its solid construction, adjustable features, and impressive performance metrics, the Hesston 560 continues to be a valued asset in modern agriculture.

Final Tips for Buyers

1. Always verify the specific model year and configuration to match your operational requirements.
2. Consider the capacity and power requirements in relation to your tractor's horsepower.
3. Inspect the pickup system and bale chamber for signs of wear or damage during purchase.
4. Review available optional features to customize the baler for your crop and storage needs.

Hesston 560 Round Baler Specs: An In-Depth Review The Hesston 560 round baler stands out as a reliable and efficient piece of machinery designed to meet the needs of farmers and hay producers alike. Known for its durability, ease of operation, and impressive bale quality, the Hesston 560 has become a staple in many agricultural settings. In this comprehensive review, we will explore the detailed specifications, features, pros and cons, and performance aspects of the Hesston 560 round baler to help you determine if it's the right fit for your farming operations.

Overview of the Hesston 560 Round Baler

The Hesston 560, produced by AGCO under the Hesston brand, is a large square and round baler that has been favored for its robust construction and consistent bale output. It was designed to handle various forage crops, including hay, straw, and silage, with an emphasis on ease of maintenance and operational efficiency. The model is particularly renowned for its ability to produce uniformly shaped, tightly packed bales with minimal wrapper issues.

Key Specifications of the Hesston 560

Understanding the core specifications helps farmers assess whether the Hesston 560 aligns with their operational needs. Here are the primary specs:

Bale Size

- Bale Diameter: Up to 5 feet (60 inches) - Bale Width: Approximately 48 inches (4 feet)

Bale Weight Capacity

- Typical Bale Weight: 800 to 1,200 pounds, depending on crop density and moisture content

Pickup & Feeding System

- Pickup Width: 72 inches (6 feet) - Pickup Teeth: 5 bars with adjustable height - Pickup Speed: Variable, up to 540 RPM

Knotting & Wrapping

- Knotter System: Mechanical knotters with optional hydraulic tensioning - Wrapping: Optional net or twine wrapping system - Wrap Capacity: Up to 4 wraps per bale, depending on crop and machine settings

Bale Chamber & Compression

- Chamber Type: Fixed chamber with a roller system - Compression System: Variable chamber density adjustment - Number of Rollers: 2 main rollers for consistent bale shape

Power & Drive

- PTO Power Requirement: 35-50 HP (depending on crop and conditions) - Drive System: Gear-driven with heavy-duty chains and sprockets

Dimensions & Weight

- Length: Approximately 16 feet - Width: 6 feet 6 inches (including pickups) - Height: Around 8 feet - Weight: Approximately 10,000 lbs

Operational Features and Functionality

Bale Formation and Compression

The Hesston 560 employs a reliable compression system that ensures uniform bale formation. Its roller-based chamber maintains consistent pressure, resulting in dense, well-shaped bales that are easier to transport and store. The adjustable compression allows operators to tailor bale density based on crop type and moisture levels, providing flexibility in different harvesting conditions.

Pickup System

The 72-inch pickup width allows for quick collection of forage, minimizing crop loss. The five-bar pickup with adjustable height and tines ensures smooth feeding of material into the chamber, even in uneven or tangled fields. This feature enhances productivity, especially when dealing with lodged or tangled crops.

Wrapping and Tying Mechanisms

The Hesston 560 offers options for twine or net wrapping, giving users versatility depending on their storage preferences and bale handling equipment. The machine supports up to four wraps, providing secure, weather-resistant bales. Mechanical knotters are known for their reliability, though some operators prefer hydraulic tensioning for more precise knot strength.

Ease of Operation and Maintenance

Designed with user-friendliness in mind, the Hesston 560 features straightforward controls and accessible components for routine maintenance. Its robust construction reduces downtime, and the machine's design allows for quick replacement of wear parts like rollers and knotter components.

Pros and Cons of the Hesston 560 Round Baler

Pros: - High Bale Density: Produces tightly packed bales, reducing spoilage and transportation costs. - Large Bale Capacity: Suitable for commercial hay operations with high throughput. - Reliable Knotting and Wrapping: Mechanical knotters and optional wrapping systems ensure secure bales. - Durable Construction: Heavy-duty materials and robust frame increase longevity. - Adjustable Settings: Customizable bale size, density, and wrapping options. - Wide Pickup: Facilitates efficient crop collection, reducing harvest time. Cons: - Heavy and Large: Requires substantial towing capacity and storage space. - PTO Power Requirement: Needs a tractor with sufficient horsepower (35-50 HP), which might limit use with smaller tractors. - Maintenance Intensive: Mechanical knotters and rollers require regular upkeep. - Cost: Newer or used models can be expensive, representing a significant investment. - Limited Bale Size Variability: Designed primarily for specific bale diameters, limiting versatility for different crop types.

Performance in Field Conditions

The Hesston 560 excels in various field conditions, thanks to its robust pickup system and adjustable compression chamber. It handles dense hay and straw efficiently, maintaining consistent bale size and density even in challenging terrains. The machine's design minimizes crop loss and reduces the need for multiple passes, improving overall harvest efficiency. However, its performance hinges on proper maintenance and operator experience. Properly calibrated knotters and wrapping systems are essential to prevent bale failures. Additionally, field conditions such as lodged crops or uneven terrain may require additional adjustments or care during operation.

Maintenance and Longevity

Routine maintenance is crucial for maximizing the lifespan of the Hesston 560. Key tasks include: - Regular lubrication of chains, sprockets, and rollers - Inspection and replacement of knotter components - Checking and adjusting wrapping tension - Ensuring pickup tines are in good condition - Monitoring hydraulic and electrical systems Thanks to its sturdy construction, the Hesston 560 can last many years with proper care. Many operators report that with regular maintenance, the machine remains productive for over a decade, making it a worthwhile investment for large-scale hay production.

Conclusion: Is the Hesston 560 Right for You?

The Hesston 560 round baler is a powerful, reliable machine tailored for high-volume hay operations that require consistent, dense bales. Its specifications reflect a focus on durability and efficiency, making it suitable for professional farmers and commercial producers. While it demands a substantial initial investment and regular maintenance, its performance benefits—such as uniform bale quality, high capacity, and operational flexibility—often outweigh these considerations. If your operation involves large acreage, demands high bale density, and you have the tractor horsepower to handle its weight and power requirements, the Hesston 560 is an excellent choice. Its robust design and proven performance history make it a dependable partner in the field,

capable of handling diverse crops and challenging conditions. For smaller operations or those seeking a more budget-friendly or versatile option, alternative models with smaller bale sizes or simpler mechanics might be more appropriate. Nonetheless, for those seeking a durable, high-capacity round baler that delivers consistent results, the Hesston 560 remains a top-tier option worth considering. In summary, the Hesston 560 round baler combines impressive specifications with reliable performance, making it an essential piece of equipment for serious hay producers looking to maximize efficiency and bale quality. Proper understanding of its features and maintenance needs will ensure you reap the full benefits of this dependable machine for years to come.

Questions & Answers About hesston 560 round baler specs

No	Question	Answer
1	What are the key specifications of the Hesston 560 Round Baler?	The Hesston 560 Round Baler features a 5x6 ft bale size, a 30-inch pickup width, and a bale chamber capacity designed for high-volume operation, with engine options typically around 55-65 HP.
2	Does the Hesston 560 Round Baler have adjustable bale sizes?	Yes, the Hesston 560 allows operators to adjust bale size settings to customize bale dimensions within its maximum capacity, providing flexibility for different crop types.
3	What type of pickup and feeding system does the Hesston 560 have?	The Hesston 560 is equipped with a wide, heavy-duty pickup designed for efficient crop collection, along with a feeding system that ensures uniform bale formation and consistent density.
4	What are the maintenance requirements and durability features of the Hesston 560?	The Hesston 560 features durable construction with heavy-duty components, and routine maintenance includes checking belts, chains, and lubrication points to ensure reliable operation during peak season.
5	Is the Hesston 560 compatible with modern baler technology or attachments?	While the Hesston 560 is a classic model, many units can be upgraded with modern monitoring systems or attachments to improve efficiency and ease of operation, depending on the year and configuration.
6	What is the typical bale weight capacity of the Hesston 560 Round Baler?	The Hesston 560 can produce bales weighing approximately 800 to 1,200 pounds, depending on crop moisture, density settings, and crop type, making it suitable for various farming needs.

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