2200 Series

Large Square Balers

HESSTON
by MASSEY FERGUSON

The industry's leading baler leads the way again.

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Quality hay starts here.

2200 Series Large Square Balers

At Hesston®, we've always promised to help hay professionals produce the highest quality, highest nutrient, highest-value hay possible. For almost 70 years, we've delivered on that promise, time and again. Today, we're proud to say we're the number one choice of producers in North America. We intend to go right on earning that distinction, with the kind of quality hay tools you just can't get anywhere else.

Our 2200 series Large Square Balers prove it again, by building on the advances of our popular 2100 series and taking the technology even further. After all, we introduced the first large square baler back in 1978. For nearly 40 years of big baler innovation, our 2200 series brings you the most reliable, productive balers ever built.

Hesston 2200 series Large Square Balers.

Another promise kept. Because that's what we do. Because that's what you need. And because that's what makes all the difference.

Nearly seven decades of firsts.

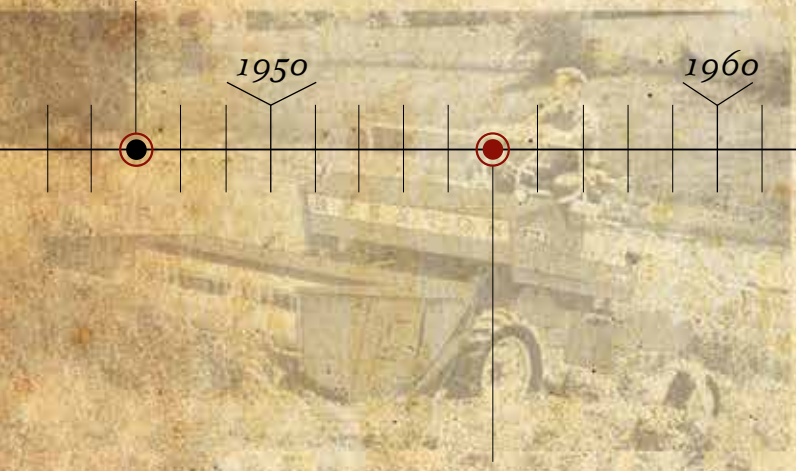
For nearly 70 years, Hesston has been dedicated to helping farmers succeed. With innovation after innovation – and first, after first, after first – we've consistently led the way in providing the tools to produce higher-nutrient, higher-value hay. No wonder we've become the number one choice of hay professionals across North America.

● *Hesston first*

● *Industry first*

1947

The Hesston Manufacturing Company is founded.



1955

Hesston introduces the first commercially available self-propelled windrower – the model 100.

1967

Hesston introduces the Hydro-Static 600, the first hydrostatic drive windrower in the industry.

1974

The inaugural Hesston belt buckle is issued. It's the first in a famous series still coveted by collectors today.

1978

Hesston introduces the first large square baler.

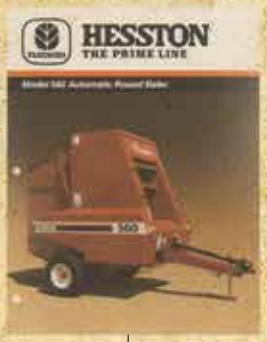
1950 1960 1970 198

2010

Hesston launches TwinMax® double conditioning, the first advanced conditioning system to use not one, but two sets of conditioner rolls for more efficient conditioning and faster dry-down.

1988

The first totally automatic round baler is introduced by Hesston – the model 560.



2009

Hesston introduces the revolutionary 16-foot RazorBar™ cutterbed that delivers one of the closest, cleanest cuts in the business.

2006

Massey Ferguson and Hesston join forces to produce the new Hesston complete line of hay equipment.

0 1990 2000 2010

1979

The Hesston model 4600 small square baler is the first to feature centerline design.

2011

The unprecedented Hesston WR series self-propelled windrower introduces electronically controlled hydraulics, operated by a virtual computer terminal, allowing precision control of windrower functions and the incorporation of features unheard of in previous windrowers.

1994

Yet another innovation, the Hesston model 8500 is the first self-propelled windrower to use a disc header.

2015

38 years since Hesston introduces the industry's first large square baler, with the launch of the 2200 series.

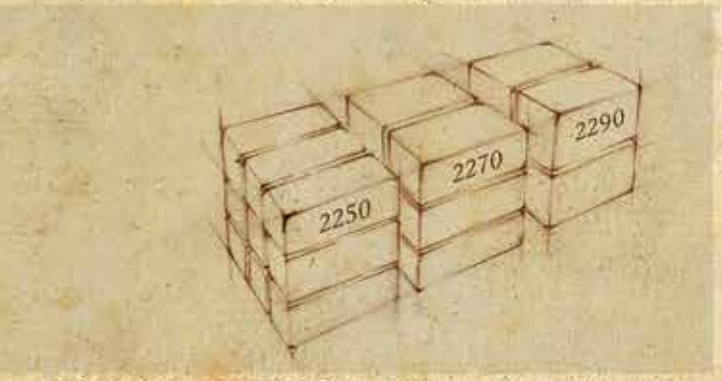
After nearly 40 years, we've never stopped looking ahead.

No wonder large square bales have become the preferred choice of dairies, livestock operations and commercial hay producers. As soon as the original Hesston Model 4800 was introduced in 1978, producers recognized that large square bales were the best solution for long-distance transportation. And today's fifth generation Hesston 2200 series Large Square Balers deliver more capacity, more consistent bales and better density than ever.

Hesston 2200 series Large Square Balers are also the least labor intensive package available, whether you're loading them or feeding them. In fact, they can be easily handled with the same tractor and loader you'd typically use for round bales. And with four available models and three bale sizes within the series, there's a package that's just right for your operation.

Model	Bale Width	Bale Height	Recommended PTO Horsepower	The Perfect Fit
2250	31.5" (800 mm)	34.4" (875 mm)	150 + (112+ kW)	The 3 x 3 bale produced by the Hesston 2250 make this model ideal for small to medium-sized dairy and livestock operators who want a high-capacity machine, but prefer a smaller bale that's easier to handle.
2270	47.2" (1,200 mm)	34.4" (875 mm)	170+ (127 + kW)	With its 3 x 4 bale size, the Hesston 2270 was designed for custom hay operators and commercial beef and dairy farmers who prefer the wide bale size, but desire a bale that's more compact in height – which proves to be a benefit in certain storage and trucking situations.
2270XD	47.2" (1,200 mm)	34.4" (875 mm)	180 + (134+ kW)	The OptiForm™ bale chamber on this 3x4 Extra Density large square baler has been extended by 16 inches to further enhance bale shape and uniform density. Perfect for producers needing added bale weight to maximize truckloads, especially in residue crops.
2290	47.2" (1,200 mm)	50" (1,275 mm)	180 + (134+ kW)	The king of large square balers, the Hesston 2290, which produces solid 4 x 4 bales that weigh up to a ton each, is still the preferred option for commercial operations and custom hay producers who deal in volume and desire to move the most amount of hay in the least amount of time.

For complete specs, see inside back cover.



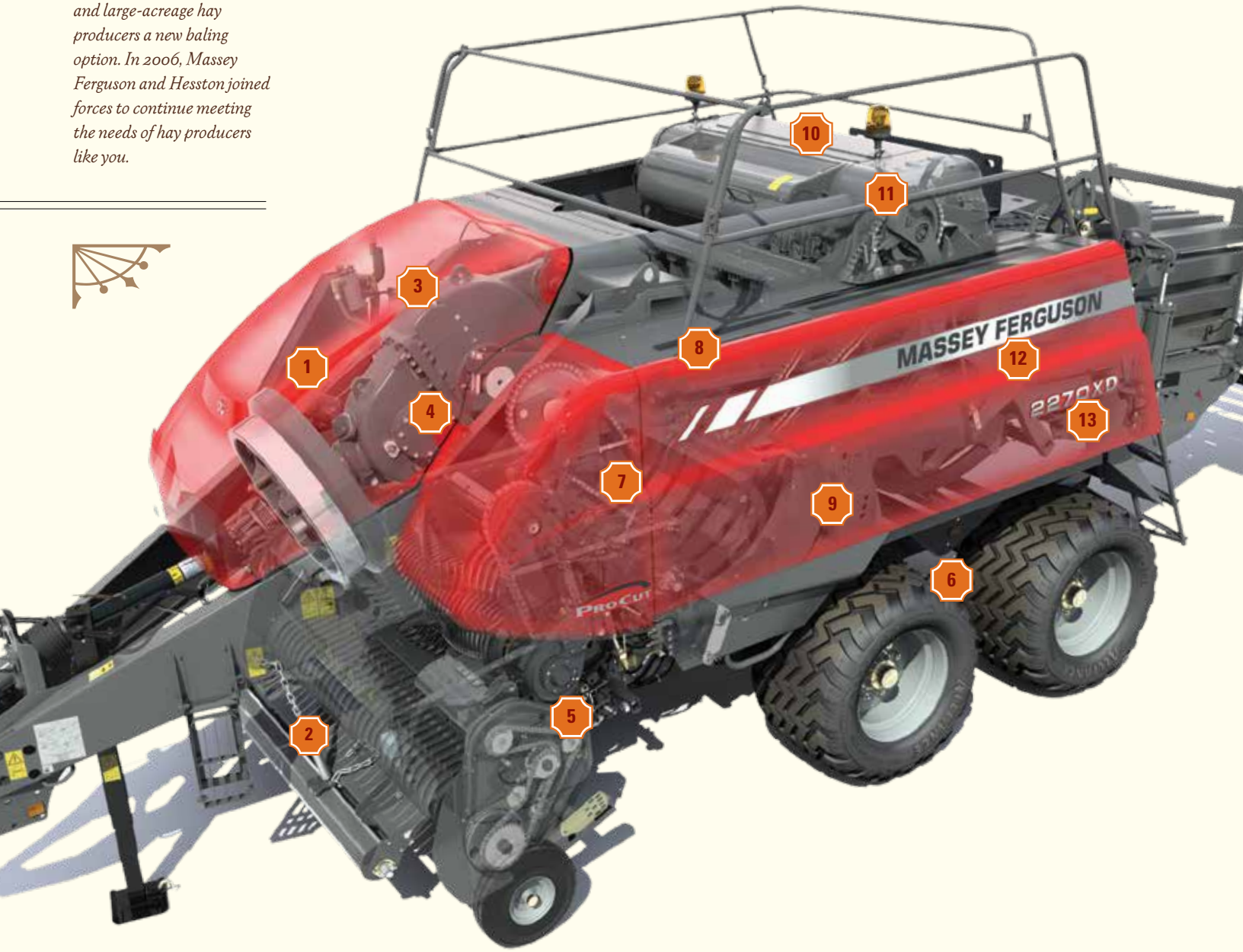
There's a Hesston 2200 series baler that's just right for every need, no matter how the bales are handled, hauled or fed. All three bale sizes easily stack for a full load.

We've taken these balers to a new level. In more ways than one.

Like any piece of harvesting equipment, a large square baler can only turn a profit when it's performing at peak productivity. Fortunately, every aspect of the Hesston 2200 series Large Square Balers by Massey Ferguson was designed to make or save you money.

HESSTON by Massey Ferguson

In 1978, Hesston introduced the revolutionary 4x4 square baler, providing commercial and large-acreage hay producers a new baling option. In 2006, Massey Ferguson and Hesston joined forces to continue meeting the needs of hay producers like you.



1 The flywheel slip clutch features five discs for drive protection.

2 89" low-profile pick-up with upper and lower feeding augers for smooth crop flow into the pre-compression chamber.

3 All Hesston 2200 series models feature on-board hydraulics for easier hook-up. The system also eliminates the variables in the tractor hydraulic systems that can affect baler performance.

4 All baler models feature a high-capacity double reduction gearbox specifically designed for that model.

5 Compression spring OptiFlow™ pickup suspension provides smooth flotation over all types of terrain.

6 Hydraulic brakes are available as an option on both single and tandem axles.

7 Simple, reliable low-maintenance chain drives ensure proper timing and simplify maintenance.

8 True bale density is measured through load cells on the plunger connecting rods rather than gearbox deflection, providing operators with right and left driving arrows.

9 Pre-compression flake chamber makes an equally dense, full shape to form even, rectangular bales.

10 A hydraulically driven, transverse-impeller knotter fan, powered by the on-board hydraulic system, helps keep the knotters free of debris, even in residue crops.

11 Needle brushes are standard on all four models to clean the needles before they enter the knotter area.

12 The twine boxes on all models hold 30 balls of twine at a 30-degree angle for easier loading and increased capacity. For even more twine capacity, use the exclusive "Giant Spool" with 30% more than standard twine balls.

13 Side panels are sealed to reduce trash build-up while a mesh screen over the twine box prevents twine from unspooling.

Key features that go above and beyond

- The 2200 series maximizes capacity by actively pulling crop from the pick-up and positively feeding it into the pre-compression chamber.
- To reduce crop length, the 2200 series uses the "ProCut" rotary cutter to force crop material through stationary knives (optional). It's also designed to ensure smoother running, even in irregular swaths. And packer tines situated directly behind the rotor help guarantee even feeding into the pre-compression chamber for consistent bale shape.
- Our Packer Cutter is a hybrid of our Hesston 2250 Packer and full rotary cutter systems, featuring a three-row packer that actively pulls the crop across six spring-loaded stationary knives. It's highly efficient and offers added flexibility in dealing with varying crop and conditions.
- To help deliver rock solid, well-formed bales and uniform density, the 2270XD and 2290 feature the OptiForm™ bale chamber that is 16" in length, longer than the standard chamber.
- Tandem axles are offered on all 2200 series models for improved flotation and increased field speed. The rear axle automatically steers to reduce field scalping and can be locked while roading. Both axles feature independent leaf springs for a more responsive ride and reduced pickup bounce.
- Optional larger width tires provide greater flotation and therefore reduced ground pressure.
- Optional Automatic lubrication system keeps the key drive chains oiled. The timing and duration of this system can be conveniently controlled through the C1000 monitor.

First with a better way.

Hesston patented the double-knotter system, which ties two knots per bale while keeping a constant 15 pounds of tension on the twine. The result is solid bales time after time, regardless of bale density and fewer miss-ties.

With Hesston 2200 series Large Square Balers, you can expect dense, square-shouldered bales every time – no matter what the crop or how heavy the windrow. Because just as we have from day one, we're using a pre-compression chamber to pre-form each flake before it's moved to the plunger to form the bale. Since Hesston balers always make the flake as a separate process, you never have to be concerned with windrow size or baling speed.

We even fitted the pre-compression chamber with a polyethylene panel to reduce loading on the stuffer and lower power requirements, especially when baling silage crops.

Automatic bale density control

An electronic density control system measures the resistance of the bale moving through the bale chamber and automatically adjusts a pair of double-acting hydraulic cylinders that apply pressure to the sides and top of the bale chamber to maintain the desired bale density – regardless of crop and field conditions. Since the plunger load is measured by both plunger arms, the system also alerts the operator of the need to fill the right or left side of the chamber.

Parts commonality helps reduce costs

A committed focus on parts commonality within the Hesston 2200 series family not only reduces manufacturing costs but saves you money on repair expenses. All models, for example, share a common pickup assembly, as well as a greater number of frame and drive components.

Maximize operational uptime with Fuse® Connected Services enabled by AgCommand®

Fuse Connected Services from your Hesston dealer means a new level of proactive equipment and operational support to improve efficiency and productivity.

Enabled by AgCommand, AGCO's industry-leading telemetry tool, Fuse Connected Services helps optimize performance through enhanced management of your fleet and individual assets. Eliminate guesswork with pre-populated service and maintenance intervals for each machine and utilize machine performance analytics, prioritized alerts and theft recovery to minimize downtime – all by wireless communication via web and mobile platforms for easy access to data.

FUSE®
AGCO Connecting Your Farm

Built tough. And built smart.

Our hardworking 2200 series leads the industry in terms of ISOBUS compliant technology. The benefit? The baler can be plugged directly to any tractor equipped with an ISO-compliant virtual terminal – eliminating the need to purchase or install another monitor for the baler.

For tractors without a virtual monitor, the Hesston 2200 series uses the C1000 monitor to provide all the information the you need at a glance. With a touch of a button, you can monitor flakes per bale, set and measure load, bale chamber pressure, clutch slip, bale count and up to 25 additional baler and accumulator functions. And all balers are pre-wired at the rear of the bale chute for an AgCam™ video system.

The system can also log up to four years worth of records, 20 customer records and 99 job records, for a total of 123 bale count records.

Our multi-tasking C1000 color terminal is years ahead.

Our farmer-developed AgCam video system is the most user-friendly rear view monitoring system available.

More bales per hour.

No matter the baler or the bale size, it's capacity and productivity that gets the job done. Hesston 2200 series Large Square Balers by Massey Ferguson have greater capacity than all competitive balers on the market. Consider a few of the other advantages that the Hesston 2200 series balers have over the competition:

- **Increased flywheel weight on the 2270XD model** delivers greater plunger inertia and greater capacity.
- **Higher gearbox speeds** on all models translates into higher capacity and better performance.
- **A lower profile, four-bar** pickup retains more nutrient-rich leaves.
- **Standard roller windguard** for residue and silage crops
- **The solid windguard** provides better crop control in all wind conditions and helps to compress the crop mat before it enters the pre-compression chamber.
- **Upper and lower centering augers** feed crop material to the pre-compression chamber for faster baling without sacrificing the Hesston reputation for solid, square- shouldered bales.

Tandem axles *are offered on all three Hesston 2200 series models for improved flotation and increased field speed. The rear axle automatically steers to reduce field scalping and can be locked while roading or reversing; and both axles feature independent leaf springs for a more responsive ride and reduced pickup bounce.*

More time in the field.

When it's time to bale, lost time means lost money. That's why 2200 series balers were designed for minimal servicing and quick and easy maintenance.

The 2200 series isn't just simpler in design than competing models, it's even more maintenance-free than previous Hesston machines. More sealed bearings, for instance, means fewer service points and a 8-hour service interval. We've also increased the number of tapered roller bearings, which contributes to increased wear life.

Even if something does go wrong or a shear bolt breaks, Hesston 2200 series balers will not need to be put back in time again. More important, they're the easiest in the industry to keep in time.

Automatic knotter lubrication

The knotters are constantly lubricated by an oil-based autolube system that can be filled from ground level to reduce maintenance time. The lubrication cycle is fully automatic with frequency controlled by the C1000 terminal. Standard on our 2200 series balers.

Quick and easy service access

One-piece side shields, supported by gas struts, allow for easy access to the twine box and drive systems. The shields seal when closed to reduce crop build-up. Tall and narrow twine box design helps with access to important baler components.

Selectable bale ejector

This feature allows you to clear the bale chamber at the end of the field or the end of the day.

Multiple service lights

Six service lamps plus three switched work lamps allow the operator greater convenience when working at night by illuminating access ladders, twine boxes, service areas and knotter assemblies. There's even a work light under the baler, should it be needed.

The reigning heavyweight in extra density – the 2270XD.

Achieving bale weights up to 15% heavier than regular balers, the 2270XD baler is built tough, to handle the additional weight.

High density. High capacity. High durability.

Like its predecessor, the popular 2170XD, our Hesston 2270XD 3x4 Extra Density large square baler delivers more bale density than a standard density baler. And we've added a longer bale chamber to boot. Major features include:

Larger flywheel and shear bolt
The flywheel on the 2270XD is more than 90% heavier than other balers. Its width and diameter have also been increased to create a heavier bale while operating smoothly at normal load in most conditions. The flywheel shear bolt has also gone from 7/16" to1/2" diameter.

Higher capacity gearbox and mountings
Redesigned to handle heavier loads, the gearbox features larger input and output shafts, larger gears, heavier castings, beefier crank arms, double clamp bolts, and stronger connecting rods that are similar to our 4x4 baler, including the same size bearings.

Larger hydraulic tension cylinders
Increased in diameter from 3.5" to 4.5", these cylinders allow for higher bale weight and density at lower operating pressures resulting in heavier bales and less bales in the field. They're also fitted with heavier pivots to improve tension capacity.

OptiForm™ extended bale chamber
A full 16 inches longer than on the 2170XD, our bale chamber design assures better, denser square-shouldered bales.

2270XD Features

- Larger hydraulic tension cylinders
- Larger flywheel and shear bolt
- Larger plunger arms and bearings
- Higher capacity gearbox & mountings
- Increased clearance under flywheel
- Increased max load software settings
- Heavier plunger
- Stronger capacity driveline with heat-treated yokes
- Bell cranks with improved leverage
- Improved chamber doors
- Improved structural integrity

Extra density equals extra productivity.

Our extra density bales aren't just heavier, they're more efficient to stack, load, transport and store. By producing fewer, heavier bales, the 2270XD delivers higher output, lowers transport costs and reduces handling time, which increases operator profits.

The 2270XD creates solid, consistently formed 3-by-4 foot bales, up to nine feet in length.

We know hay.

They say nobody knows hay like Hesston.

But the truth is, someone else does.

Just ask those farmers who spend their lives producing it.

They know hay. They know Hesston. And they know we're in this together.

After all, the quality of their hay determines their quality of life. And they need a partner they can rely on.

For nearly 70 years, we've been right there, swath after swath, field after field, season after season, doing all we can to make them more efficient. More productive. More successful.

In other words, we've kept our promises.

And we've been rewarded with a loyalty that's humbling.

Yes. Hesston knows hay.

And our mission is to provide the help that hay farmers need. Any way we can.

Because we're in this together.

And we wouldn't have it any other way.

Add your choice of bale-handling options.

New C2100 touchscreen monitor option available

The HayBoss G2™ Individual Bale Identification System (G2 Tagger) allows the operator to apply an RFID tag to each bale that records:

- *Bale identification number*
- *Field name*
- *Date and time of baling*
- *Average moisture of bale*
- *Average bale weight and dimensions*
- *Amount of AGCO hay preservative applied*

For additional information and downloadable literature on the HayBoss family of products please visit www.agcoparts.com/Hay/hayboss/.

Large bale accumulators

Save time and field travel, while reducing compaction with our Hesston AC series Large Square Baler accumulator. The Model AC20 was designed specifically for the Hesston 2250 baler, while the Model AC25 fits the Hesston 2270, 2270XD and 2290.

Both accumulator models allow the baler operator to collect and group bales anywhere in the field. They also boast the following productivity features that push efficiency to new levels:

- A bale shift bar automatically or manually moves bales right or left to maintain a balanced load.
- Dual caster wheels provide extra flotation and allow the accumulator to make sharp turns in the field, without causing field damage.
- A centralized lubrication system, which includes a grease divider valve, allows the operator to lubricate 12 different points from one location.
- The side extensions on the AC20 can be folded for narrower transport width or for use as a three-bale accumulator when baling in tight areas.

HayBoss™ G2 Preservative System

The bale chamber frame is already equipped with mounting points for the AGCO HayBoss G2 Hay Preservative System, which includes a 110-gallon tank, in-cab monitor and automatic applicator.

Bale Weight Kit

With our bale scale mounted on the roller chute, you'll get accurate bale weights in the field. And bale weight can be recorded on the bale ID tag, using our our HayBoss G2 tagging system. Bale weight kits are also available to be mounted on AC25 model accumulators.

AgCommand®

Knowledge is power. Remotely monitor baler functions for enhanced visibility into efficiency and track results for future analysis and improved productivity.

Electronic Bale Length Kit

Allows you to change the bale length with the cab monitor. This improves bale shape because it measures the bale as it is being formed.

Selectable Bale Ejector Kit

Standard on all balers except for 2290 (optional), the bale ejector allows the operator to clear the bale chamber at the end of the field or the end of the day. The selectable bale ejector is particularly valuable when baling high-moisture crops or ejecting part of the bale if the bale chute is needed to be folded up.

Hydraulic Tongue Jack

Save yourself the effort of manually hooking and unhooking the baler. Simply use the tractor hydraulics instead.

Large bale accumulators collect and group bales in the field.

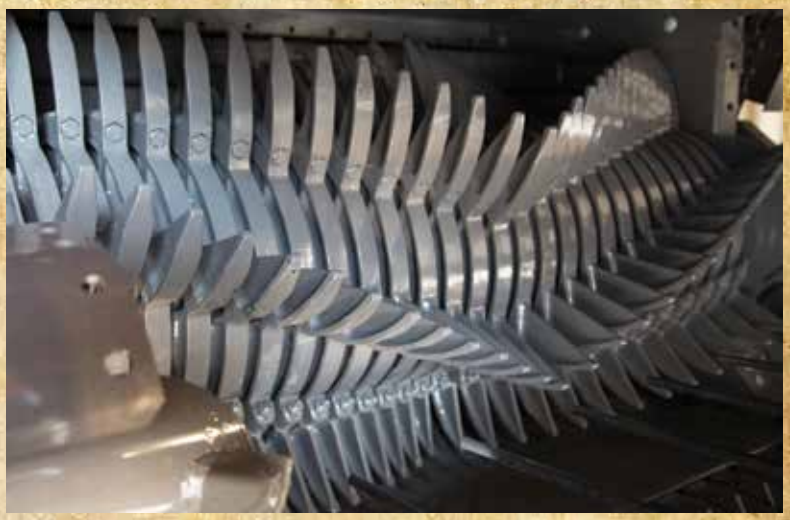
Hay preservative is easily applied.

Choose the bale chute best suited to your needs.

A Quality Cut and a Better Bale With ProCut™

Need your crop precision-cut into finer pieces? Then you need ProCut™, the Hesston-built rotor cutter option available for 2250, 2270, and 2270XD models.

With ProCut, the packer is behind a larger, more aggressive rotor for better crop feeding. ProCut's new serrated knife design delivers true precision cutting - plus its hydraulic drop down and slide out knife bed simplifies service and maintenance.



Invest wisely.

Hesston by Massey Ferguson has built a worldwide following by building machines that last. We go the extra mile right from the start, so our balers go the extra mile for years to come. Maybe that's why Hesston large square balers have been the market leader for the past three decades.

Best of all if you ever decide to trade in your Hesston 2200 series baler, the resale values are the highest in the industry. That's because they come with a built-in reputation for durability. And they come from a brand that has served farmers for nearly 70 years.

LOW-RATE, FLEXIBLE FINANCING

Your Hesston Dealer and AGCO Finance offer attractive financing programs to make sure a Hesston 2200 series baler will fit your operating budget. Extremely competitive rates and terms make it easy to purchase, lease or rent.

We're number one in hay. And every bale proves why. Whether you're a large producer or small, we have just the baler you need.

We're always at your service.

If you're like most farmers, when you find that perfect piece of equipment, it becomes almost like part of your family. And when you buy a Hesston 2200 series large square baler by Massey Ferguson, you instantly become part of ours.

Our network of dealers understands what owning a commercial-grade baler really means. They'll advise and support you through the selection process, the buying process, through operation, maintenance and beyond. Equally important, they realize that you have to be ready to bale 24 hours a day, seven days a week.

Since our dealers share your passion for farming, they're happy to share their knowledge to keep you working happy, no matter the hour.

After all, you're family. And there's nothing we wouldn't do for family.

All-inclusive warranty

Even our warranty is high performance. From hitch pin to bale chute, it provides one-year/unlimited hour all-inclusive coverage on all other parts and labor. Best of all, it's backed by dealers who understand how to help you make the most of it.

Quality parts

Genuine AGCO replacment parts are manufactured to the same high standards of quality and dependability as the original part used on the assembly line. Using original equipment parts will help keep your Hesston 2200 series baler running like new.

At Hesston, you're family. And there's nothing we wouldn't do for family.

Questions? Go to Hesston.com

Our website opens the door to all sorts of technical information, corporate support, and product specifications. Visit the site today to see our full line of hay making products. Even build and price your own machine.

Merchandise and Gifts

ShopHesstonGear.com is your one-stop source for Hesston and Team Hesston logoed products. You'll have access to hats, apparel, seasonal items, gifts and our collectable WNFR belt buckles.

AGCO Answers

(877) 525-4384 | agcoanswers@agcocorp.com

At AGCO, customer care isn't just a department. It's a commitment. Contact us with your questions. We'll do our best to answer them promptly, or put you in touch with someone who can.

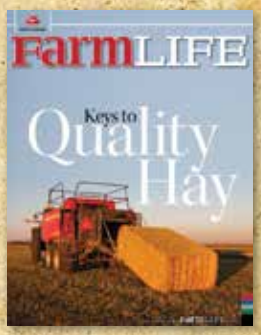
Team Hesston Rodeo

Hesston has been an important part of Professional Rodeo since 1975. Team Hesston Rodeo was formed in 2013 to further expand Hesston's support of the top cowboys and cowgirls in ProRodeo. Follow them as they blaze their way to Las Vegas for the WNFR. They have world championships in their sights and the power of Hesston machinery and hay behind them. Join Team Hesston rodeo and be part of the new world championship machine.Hesston is the official farm equipment sponsor of the PRCA.

Ride with us.

#TeamHesston

Enjoy our exclusive publication that offers insights into all the joys–and challenges–of rural life. Go to myfarmlife.com to learn more.



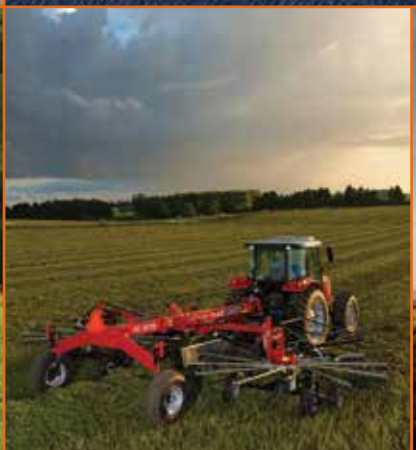
With age comes wisdom.

Our legacy may not be as old as the Grand Tetons, but we've certainly been around a while. Hesston has 38 years experience building large square balers. Daniel Massey started building farm machinery more than 160 years ago. And Harry Ferguson contributed more than his share of innovations over the past century. As you can imagine, over all that time we've learned a thing or two – all for the benefit of producers like you.

Welcome to the family.

HESSTON
by MASSEY FERGUSON

Go to **www.Hesston.com** to learn more



Compare us with anybody, feature for feature, spec for spec and we think you'll see exactly why you can count on the best big bales, from the best big baler.

BALER MODEL	2250	2250PC	2270	2270XD	2290
Bale Size					
Width: in. (mm)	34.4 (875)	34.4 (875)	47.2 (1,199)	47.2 (1,199)	47.2 (1,199)
Height: in. (mm)	31.5 (800)	31.5 (800)	34.4 (875)	34.4 (875)	50.2 (1,275)
Length: in. (mm)	108 (2,743)	108 (2,743)	108 (2,743)	108 (2,743)	108 (2,743)
Dimensions & Weight					
Overall width w/single axle in. (mm)	102.2 (2,597)	102.2 (2,597)	118.1 (3,000)	118.1 (3,000)	129.6 (3,292)
Overall width w/tandem axles in. (mm)	108.2 (2,748)	108.2 (2,748)	118.1 (3,000)	118.1 (3,000)	118.1 (3,000)
Overall length: in. (mm)					
Without roller bale chute	303.9 (7,720)	303.9 (7,720)	305.2 (7,751)	320.9 (8,151)	324.4 (8,241)
Overall height: in. (mm)*					
To top of folded hand rails	113.0 (2,870)	113.0 (2,870)	113.0 (2,870)	113.0 (2,870)	130.6 (3,317)
To top of raised hand rails	128.7 (3,270)	128.7 (3,270)	128.7 (3,270)	128.7 (3,270)	140.8 (3,576)
Weight: lbs (kgs)					
Baler w/single axle	15,080 (6,840)	15,505 (7,033)	19,701 (8,936)	21,665 (9,827)	23,197 (10,522)
Baler w/single axle, Cutter	17,100 (7,756)		21,951 (10,896)	23,915 (10,847)	
Baler w/tandem axle, Packer version	16,400 (7,440)	16,825 (7,632)	21,361 (9,689)	23,325 (10,580)	24,321 (11,032)
Baler w/tandem axle, Cutter version	18,420 (8,356)		23,611(11,649)	25,575 (11,600)	
Main Drive					
Driveline type & category	All 2200 series balers can be driven by a Type 2 or Type 3 PTO and can have a Category 6 or 7 Implement Driveline (IDL)				
Protection	Overrunning, slip clutch and shear bolt				
Gearbox	Enclosed double reduction				
OptiFlow Pickup					
Overall width w/pickup wheels: in. (mm)	117.9 (2,994)	117.9 (2,994)	117.9 (2,994)	117.9 (2,994)	117.9 (2,994)
Inside width: in. (mm)	89.0 (2,260)	89.0 (2,260)	89.0 (2,260)	89.0 (2,260)	89.0 (2,260)
Number of tines	64	64	64	64	64
Tine spacing: in. (mm)	2.6 (66)	2.6 (66)	2.6 (66)	2.6 (66)	2.6 (66)
Cutter System					
Knife distance min mm/in.	38/1.5	116/4.6	38/1.5	38/1.5	NA
Total number of knives	17	6	26 (2 gangs of 13)	26 (2 gangs of 13)	
Knife removal	Slide out knife bed, top removal (ProCut option only)				
Knife activation, in-out	Hydraulics (Packer Cutter option has spring engage only)				
Feeding System					
Packer Drive	RC 100 Roller Chains				
Stuffer protection	Shear bolt on main drive sprocket				
Stuffer Fingers	4	6	6	6	6
Packer protection	Slip Clutch				
Packer Crank Mechanism	4 bolt on packer control arms and 4 bolt hardened packer fingers	6 bolt on packer control arms and 6 bolt hardened packer fingers	6 bolt on packer control arms and 6 bolt hardened packer fingers	6 bolt on packer control arms and 6 bolt hardened packer fingers	6 bolt on packer control arms and 6 bolt hardened packer fingers
Crank and bearing assembly	3 crank arms, 4 grease lubricated tapered roller bearings in 2 crank hubs	4 crank arms, 6 oil-bath lubricated tapered roller bearings in 3 crank hubs	4 crank arms, 6 grease lubricated tapered roller bearings in 3 crank hubs	4 crank arms, 6 grease lubricated tapered roller bearings in 3 crank hubs	4 crank arms, 6 grease lubricated tapered roller bearings in 3 crank hubs

** Assuming models are equipped with equal tire sizes.*

BALER MODEL	2250	2250PC	2270	2270XD	2290
Plunger					
Speed: strokes / min.	47	47	47	47	33
Length of stroke: in. (mm)	29.1 (740)	29.1 (740)	29.1 (740)	29.1 (740)	32.8 (820)
Mounting	All 2200 series balers have 2 front rollers w/tapered roller bearings, 2 rear rollers w/tapered roller bearings, two side rollers w/ball bearings				
Tying Mechanism					
Knotters	Four double knot	Four double knot	Six double knot	Six double knot	Six double knot
Twine storage capacity	30 balls				
Twine type	High quality split film polypropylene or sisal twine				
Tires					
Single axle	600-50 x 22.5, 12 ply	600-50 x 22.5, 12 ply	700/50 - 22.5, 16 ply	700/50 - 22.5, 16 ply	28L x 26, 16 ply
Tandem axle	500-50 x 17, 16 ply	500-50 x 17, 16 ply	500/45 x 22.5, 12 ply	500/45 x 22.5, 12 ply	500/45 x 22.5, 16 ply
Tandem axle upgrade	620/40R x 22.5 tires				
Lights					
Work lamps, service lamps, rear lamps	3 work lamps, 5 service lamps, 4 rear lamps (2 amber and 2 red)				
Control & Monitoring System					
Type	C1000 ISOBUS color terminal and Square Baler Controller (computer), C2100 monitor option, hydraulic and mechanical feedback systems				
Baler controls	Bale density and shape control, bale density door release from the terminal, optional moisture monitoring and control system, bale ejector control, control for the optional roller bale chute, control of the optional electronic knotter trip				
Options					
Packer cutter	NA	Optional	NA	NA	NA
ProCut rotary cutter	Optional	NA	Optional	Optional	NA
Bale ejector	Standard	Standard	Standard	Standard	Optional
Auto chain lubrication system	Optional	Optional	Optional	Optional	Optional
Accumulator (optional)					
Accumulator Type	5 bale	5 bale	3 bale	3 bale	3 bale
Tractor Requirements					
Horsepower					
Minimum: hp (kW)	120 (90)	150 (112)	130 (97)	150 (112)	150 (112)
Recommended: hp (kW)	150+ (112+)	180+ (134+)	170+ (127+)	180+ (134+)	180+ (134+)
Minimum w/cutter option: hp (kW)	180+ (134+)	NA	200+ (149)	210+ (157+)	
PTO RPM	1,000				
Minimum tractor weight: lbs. (kgs) Towing baler only, no accumulator	14,214 (6,448)	14,214 (6,448)	19,216 (8,716)	20,515 (9,305)	21,536 (9,769)
Tractor hydraulics	1 single acting cylinder for pickup lift, 1 double acting cylinder for cutter knives (if equipped), 1 double acting cylinder for tandem axle steering (if equipped)				
Electrical system	12 volt DC				

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