

New
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.

New 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. And for over 65 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. And we intend to go right on earning that distinction, with the kind of quality hay tools you just can't get anywhere else.

Our new 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. And after 35 years of big baler innovation, our new 2200 Series brings you the most reliable, productive balers ever built.




Hesston 2200 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.

Six and a half decades of firsts.

Over the past 65 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*

1967

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



1978

Hesston introduces the first large square baler.

1974

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



HESSTON

1947

The Hesston Manufacturing Company is founded.

1950

1960

1970

1980

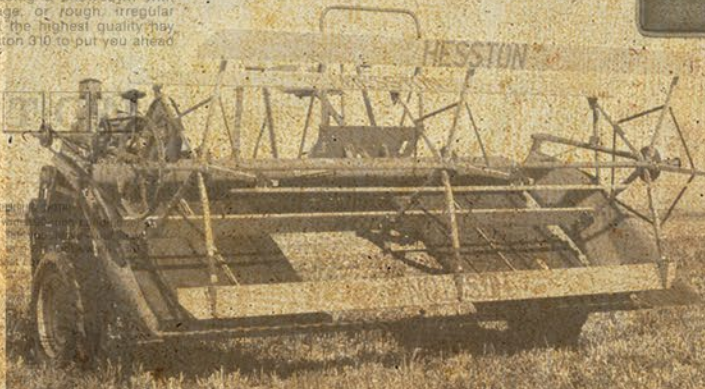
1955

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

...this Hesston beats the humidity... tames the weather... conquers the hills... and turns out HIGH PROFIT HAY!

...conditioner, where it's genby – but thoroughly – conditioned for Hesstonized Hay quality, saving those tender tips and leaves. You have the option of leaving your hay in a high fluffy windrow or a 5 1/2' wide swath to suit the weather and humidity conditions in your area. When you're facing a showdown with weather, manpower shortage, or rough, irregular fields and you want to get the highest quality hay possible, count on the Hesston 310 to put you ahead in the hay race!

CORPORATION
310 King Street, Hesston, MO 64040



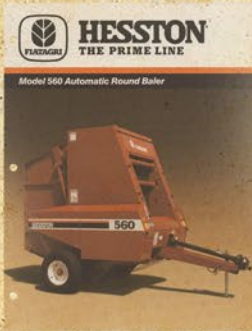
...the hay race from and this Hesston 310 will make you the winner! The 310 is a rugged, self-propelled windrower/conditioner that has power and control for the toughest grass, its compact and maneuverable to work in small, irregular fields. Hesston's unique one-hand Trim Steering makes it easy to handle in odd, hilly terrain. Controls made different, just you get a full but with every day. The 310's direct-feed, eight-foot header and the crop straight to the full-width, 90-inch

There's something special about a Hesston... offers the most complete selection of windrowers available, with auger headers, disc headers, and windrow headers, and multi-furrow models. Write for your full color literature and the name of your nearest Hesston dealer.

...straight through the crop...
...conditioner...
...the crop is thoroughly...
...conditioned to retain all the...
...nutrients...

1988

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



1990

2006

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

2000

2009

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

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.



2013

Hesston marks the 35th anniversary of its introduction of the industry's first large square baler, with the launch of the new 2200 Series.



After 35 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.

Easily and tightly stacked on a semi-trailer, each large square bale can take the place of 20 to 40 conventional rectangular bales and pack 18 to 30 pounds of hay per cubic foot into one convenient package.

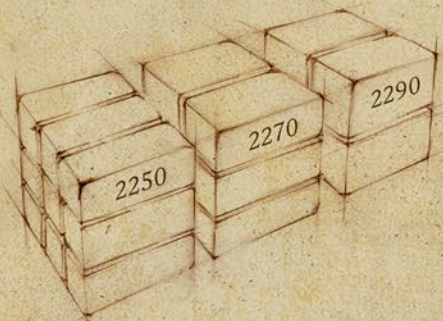
Hesston 2200 Series Large Square Balers are also the least labor intensive package available,

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 bale sizes within the series, there's a package that's just right for your operation.



Each large square bale can take the place of 20 to 40 conventional rectangular bales and pack 18 to 30 pounds of hay per cubic foot into one convenient package.

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)	165 + (123 + 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 new 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 even greater 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 new features that go above and beyond.

- ✦ The new 2200 Series maximizes capacity by actively pulling crop from from the pick-up with revolving packer forks and positively feeding it into the pre-compression chamber.
- ✦ To reduce crop length, the 2200 Series uses a heavy-duty 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 new 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, we've extended our OptiForm™ bale chamber on the 2270 XD and the 2290 — by a full 16 inches.
- ✦ Tandem axles are offered on all 2200 Series models for improved flotation and increased field speed.
- Rear axles automatically steer 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 radial tires provide a much larger footprint 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.

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.



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.



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.



Built tough. And built smart.

Our hardworking new 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. On all models, data can then be transferred to a computer where it can be used to make management decisions, manage records and create customer invoices.



Our multi-tasking C1000 color monitor 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** 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.
- ✦ **Optional 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. Cutter balers feature a full length top auger to help force crop into the rotor.



Tandem axles

are offered on all three Hesston 2200 Series models for improved flotation and increased field speed. Rear axles automatically steer to reduce field scalping and can be locked while roading; 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 50-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 monitor. 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.

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.

High density. High capacity. High durability.

Like its predecessor, the popular 2170XD, our new Hesston 2270XD 3x4 Extra Density large square baler delivers more bale density than a standard density baler. And we've added a new, 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" to 1/2" 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.

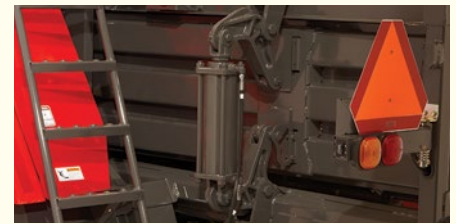
Larger hydraulic tension cylinders

Increased in length 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.

New OptiForm™ extended bale chamber

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

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



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
- ✦ New 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.

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 over 65 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.



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
- ❖ High moisture of bale
- ❖ 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 HayBoss G2 tagging system.

AgCommand

Allows the customer to monitor machine functions from a remote location.

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.

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 bale ejector is particularly valuable when baling silage or high-moisture crops.

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.

Cutter models add versatility

For denser bales that are even easier to feed and mix in rations, Massey Ferguson offers all four Hesston 2200 Series Large Square Balers in a “rotary cutter” version. In effect, a star wheel rotor between the OptiFlow pickup and the packer fingers pulls the crop through a bank of knives for theoretical cuts as short as 1.9 inch (48 mm).

Since the cut material packs tighter, rotor cutter models also decrease the air volume in the bale, reducing the risk of spoilage in silage hay. The cutterbed can be adjusted to engage all knives, one-half of the knives, one-third of the knives or none of the knives. Cutting length can be adjusted to one of three settings without lowering the knife pan to remove knives.

Cut bales also save time and money when used with a TMR. Mixing time can be reduced by up to 75%.



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 over 65 years.



LOW-RATE, FLEXIBLE FINANCING

Your Hesston Dealer and AGCO Finance offer attractive financing programs to make sure a new 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.

Because 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 replacement 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 and even build and price your own machine. At Hesston.com we are always available with expert advice and quality hay making solutions.

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.

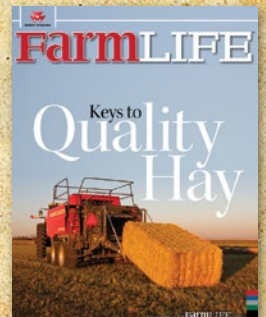
Follow Team Hesston Rodeo as these top Cowboys and Cowgirls blaze their way through the ProRodeo trail on their way to Las Vegas for the NFR. They have World Championships in their sights and the power of Hesston Machinery and Hay behind them. Join Team Hesston Rodeo and be part of the new World Championship Machine.

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 35 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



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)	100.4 (2,549)	100.4 (2,549)	118.1 (3,000)	118.1 (3,000)	129.6 (3,292)
Overall width w/tandem axles in. (mm)	106.3 (2,700)	106.3 (2,700)	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	16,841 (7,639)	17,778 (8,064)	19,701 (8,936)	22,002 (9,980)	23,567 (10,690)
Baler w/single axle, Cutter	18,662 (8,465)		21,773 (9,876)	24,074 (10,920)	25,640 (11,630)
Baler w/tandem axle, Packer version	18,102 (8,211)	18,527 (8,404)	21,361 (9,689)	23,656 (10,730)	24,692 (11,200)
Baler w/tandem axle, Cutter version	19,923 (9,037)		23,433 (10,629)	25,728 (11,670)	26,764 (12,140)
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.	48/19	116/4.6	48/19	48/19	48/19
Total number of knives	11	6	19	19	19
Knife removal	Front or Bottom				
Knife activation, in-out	Hydraulics				
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	12 bolt on packer control arms and 12 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	2 crank arms, 4 grease lubricated tapered roller bearings in 2 crank hubs	3 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	4 crank arms, 6 grease lubricated tapered roller bearings in 3 crank hubs

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	30 balls	30 balls	30 balls	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	600 / 50 x 22.5, 12 ply	600 / 50 x 22.5, 12 ply	600 / 50 x 22.5, 12 ply
Tandem axle	Standard tire: 500/50 x 17, 16 ply; Radial tire optional: 620/40R-22.5				
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), 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				
Functions monitored	All critical operating systems and bale information with real-time feedback for the operator, downloadable bale and field records				
Options					
Packer cutter	NA	Factory installed	NA	NA	Factory installed
Rotary cutter	Factory option	NA	Factory option	NA	Factory option
Bale ejector	Standard	Standard	Standard	Standard	Optional
Knotters blower	Standard	Standard	Standard	Standard	Standard
Auto chain lubrication system	Factory installed	Factory installed	Factory installed	Factory installed	Factory installed
Accumulator (optional)					
Accumulator Type	5 bale	5 bale	3 bale	3 bale	3 bale
Tractor Requirements					
Horsepower					
Minimum: hp (kW)	120 (90)	150 (112)	120 (90)	120 (90)	120 (90)
Recommended: hp (kW)	150+ (112+)	180+ (134+)	150+ (112+)	150+ (112+)	150+ (112+)
Minimum w/cutter option: hp (kW)	180+ (134+)	NA	180+ (134+)	180+ (134+)	180+ (134+)
PTO rpm	1,000	1,000	1,000	1,000	1,000
Minimum tractor weight: lbs. (kgs)	21,140 (9,589)	21,140 (9,589)	21,140 (9,589)	21,140 (9,589)	21,140 (9,589)
Tractor hydraulics	1 double acting cylinder for pickup lift, 1 double acting cylinder for cutter knives (if equipped), 1 single acting cylinder for tandem axle steering (if equipped)				
Electrical system	12 volt DC				

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