

1700 & 2900 Series

Round Balers

HESSTON
by MASSEY FERGUSON

It just gets better and better.



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Quality hay starts here.

1700 Series and 2900 Series Round Balers

At Hesston by Massey Ferguson®, we've always promised to help hay professionals produce the highest quality, highest nutrient, highest-value hay possible. And for close to 60 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 popular 1700 Series round balers are a perfect example. They've been proving their value for years. And with the introduction of our new 2900 Series, we're establishing a whole new level of round baler performance.

Like they say, nobody knows hay like Hesston. And nobody knows how to make a round baler that's more efficient, productive or reliable.




Hesston 1700 and 2900 round balers.

Two more promises 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.

1947

The Hesston Manufacturing Company is founded.

HESSTON

1950

1960

1970

1980

1955

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

1974

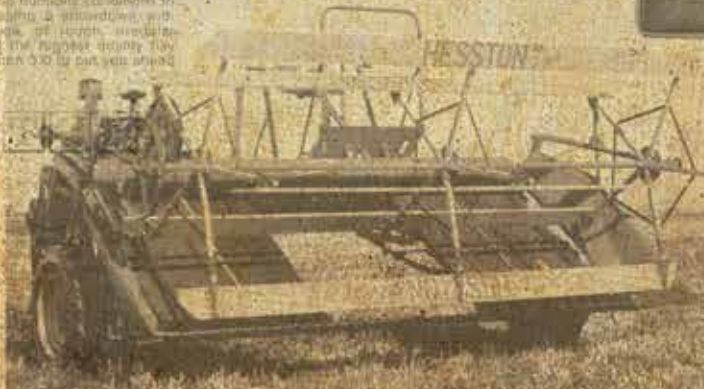
The inaugural Hesston belt buckle is issued. It's the first in a famous series still coveted by collectors today.



This Hesston beats the humidity... turns the weather... conquers the hills... and turns out HIGH-PROFIT HAY!

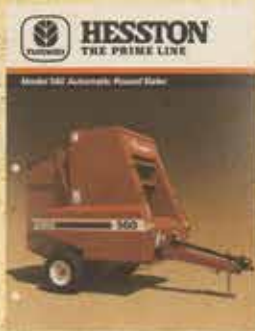
...the weather... conquers the hills... and turns out HIGH-PROFIT HAY!

CORPORATION



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

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.

2010

2013

New higher capacity Hesston 2900 Series round balers are introduced, with a wide pick up design similar to our industry-leading Large Square Balers. Advanced features include real-time bale monitoring and our exclusive Quad Cylinders System (QCS) for absolute control over belt and bale tension.

2012

The cutting-edge WR Series wins top innovation awards, including the AE50 from the American Society of Agricultural and Biological Engineers and the Finnovation award from *Farm Industry News*.



1979

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

1994

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



A better brand of baler, made a better way.

*You simply can't do better
than Hesston round balers.
Now, more than ever.*



Innovation is a way of life at Hesston. But this time around, we've not only raised the bar with our new Hesston 2900 Series and with improvements to our trusty 1700 Series, we've actually made significant, improvements in the way they're manufactured.

We've been relentless in fine-tuning our production process to insure quality control and optimal results. We've improved logistics, refined specifications, added production tools and increased the number of quality inspections. The result? Our newest series of balers you can count on to excel.

The new 2900 Series offers everything you need to maximize productivity. The advanced C1000 monitor provides real-time bale monitoring. Our exclusive Quad Cylinder System (QCS) delivers absolute control over belt and bale tension. And our proprietary torsion axle system ensures a smoother

ride, greater stability and faster operating speeds. We're also one of the only manufacturers in North America to offer a fully automatic baler – our Hesston 2946A and 2956A Auto-Cycle models.

If you don't need all the bells and whistles, consider the Hesston 1700 Series. It offers the same Hesston reliability at an economical price and you still get features like our patented open-throat design and vertical bale chamber for consistently solid, high-quality bales. You even get our time-tested Hesston drive system, known for its long-lasting performance and lower operating cost.



Model	Bale Size	Bale Weight Max.*	Minimum PTO Horsepower	The Perfect Fit
2956/2956A 5' X 6'	61.5" x 72.0" (1,562 x 1,829mm)	2,200 lbs. (998 kg)	70 (52 kW)	Cattle ranchers, dairymen and commercial hay producers whose success hinges on making big bales quickly and efficiently.
2946/2946A 4' x 6'	46.5" x 72.0" (1,182 x 1,829 mm)	1,644 lbs. (746 kg)	65 (48 kW)	Large livestock and dairy operators who need a baler that can handle between 3,000 and 15,000 bales a year without breaking a sweat.
1745 4' x 5'	46.5" x 62.0" (1,182 x 1,575 mm)	1,250 lbs. (567 kg)	40 (30 kW)	Budget-conscious operators who appreciate legendary Hesston quality, features and performance at an affordable price.
1734 3' x 4'	39.0" x 52.0" (991 x 1,321 mm)	550 lbs. (249 kg)	30 (22 kW))	Smaller livestock, dairy or equine operations looking for a rugged, reliable and affordable round baler.



*See complete specs
on page 22.*

**Depends on crop and moisture conditions*

Hesston
2900 Series

Worth a second look, and maybe a third.

The first time you glimpse our new Hesston 2900 Series balers, it's immediately obvious that these high-capacity balers have evolved – completely. But take another look.

Under the gleaming red sheet metal, you'll find some of the most advanced baling features in the business. Consider the renowned Hesston baler drive system, for example. This simple drive system is modeled after our legendary Hesston 2200 Series large square balers, which are still number one on the market today. With only five chains and our

exclusive reversible 540 or 1,000 gear box, our drive system combines simplicity with strength, for greater reliability, durability and safety.

Look even closer and you'll see the unique design of our super-wide, low profile that comes standard on all 2900 series starting with a small-diameter pickup that sticks out further for improved visibility. Higher capacity, positive rotor feeding incorporates side augers to simplify the drive system and provide quieter, more dependable performance.



Combine all this with an open-throat vertical chamber and you get a high-throughput baler that can handle whatever your operation demands – whether you're a large dairy or livestock farmer or a commercial hay producer.

The 2900 Series offers a choice of Auto-tie and Auto-cycle to improve efficiency. A wide pickup design similar to that of our industry-leading, Hesston large square balers increases intake capacity.



With a wide, low-profile pickup and centering augers, the Hesston 2900 Series tackles wide windrows with ease, while maximizing leaf retention. And by packing the chamber all the way to the edges, the result is dense, square-shouldered bales.



With fewer, heavier drive chains, the new 2900 Series baler drive delivers simple, effective and reliable performance, for even the largest operations.



The hydraulically operated main drive clutch protects against overfilling and maintains tension on belts during bale ejection, minimizing belt problems. For quick, easy maintenance, all major drive components are accessed through the convenient one-piece service door.



Everything about them saves you time, money and effort.

When we set out to create the new Hesston 2900 Series, we knew these balers had to do more than just bale hay. They had to be good stewards of your time and money.

That's why the Hesston 2900 Series is designed to be the epitome of efficiency and convenience.

Features like our unique Quad Cylinders System (QCS) give you more control over baling and less to worry about. With QCS, belt tension stays consistent, even when ejecting bales. That means better bale density and less chance of belt misalignment. Staggered belts increase the effect, while also reducing chaff buildup. Innovations, like Sure-Trac crowned drive rollers, a dual-tube twine arm, and three-ply WedgeGrip bale

forming belts also contribute to better bales and longer service life.

Other design features, like sturdy alligator belt lacing rivets work to increase reliability and cut maintenance time. And our simplified, positive hydraulic kicker ejects bales gently and puts them right where you want them. Standard Auto-tie or our optional, fully automated Auto-cycle take the hard work out of building high-quality bales.



Forming the perfect bale.



Open-throat feeding assures high-capacity baling on all Hesston round baler models. As the pick up gently moves the hay into the chamber, the forming belts and starter roll begin rolling the all-important bale core.



The variable bale chamber design produces a consistently dense bale, from the core to the outermost layer. This advanced design delivers a bale that's easy to handle and keeps its shape in storage.



Consistent bale density ensures a high quality, square-shouldered bale that's evenly packed, and routinely solid throughout.



The large twine box adjusts to hold eight 20,000-foot balls or twelve 10,000-foot balls, so you can keep baling all day long. The convenient location allows easier access to the baler drives.



Mesh wrap capability can be factory-installed or field-installed.

Simple mesh feeding and routing, plus extra roll storage, makes it faster and easier to start baling and keep baling. It's even easier to load rolls.

Hesston
2900 Series

Brains, brawn and comfort.

You've been around the hay business a long time. So have we. And you know nothing beats legendary Hesston quality and durability. So imagine getting all that, plus a healthy dose of comfort, every time you bale.

Along with our exclusive optional independent torsion axle suspension, the rugged Hesston 2900 Series features large flotation tires and independent gauge wheels for improved pickup, greater stability, a smoother ride and increased operating speeds. Other brawny features include a strengthened baler frame, improved shielding, and positive tailgate lock.

Of course, you also know it takes more to succeed in the hay business these days than just

rugged reliability. It takes smarts. The kind we built into our new Hesston 2900 Series balers. Take our cutting-edge C1000 monitor, for example. Three years in the making, this exclusive console provides real-time, advanced tracking and monitor bale control to give you the flexibility to build better bales.

And that's just one of the ways we made the 2900 Series smarter. There's a whole lot more. And there's nobody better to fill you in than your Hesston Dealer.

Visit today, and see for yourself. The new 2900 Series isn't just the toughest baler on the block. It's the brightest, too.



You'll enjoy a smoother ride and greater stability on the road and in the field, thanks to our exclusive, rubber torsion axle and large flotation tires.



Our advanced C1000 monitor makes it easy to monitor and control baler functions. With more settings for greater flexibility, real-time monitoring, and an easy-to-read color display, you can count on consistently better bale density and superior bale production.



Gauge wheels keep their feet on the ground. Pickup height follows ground contours, so you gather every possible leaf of your valuable crop.





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 almost 60 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.



Hesston
1700 Series

Professional grade. Practical price.

The way we see it, just because you want to turn out top-quality, 3 x 4-ft. or 4 x 5-ft. bales, it doesn't mean you should have to pay top dollar for a baler. That's why we built our Hesston 1700 Series balers to turn out solid, easy-to-handle round bales with as little as 30 PTO HP.

Engineered to handle 2,500 or more bales every year, these workhorses are the only balers in their class to feature dual pivoting tension arms for more uniform bales. And 1700 Series balers feature the same patented open-throat design and vertical bale chamber as our 2900 Series balers, so there aren't any feed rolls, compression rolls or drum rollers to restrict hay flow or create wrapping problems.

What's more, Hesston 1734 and 1745 balers incorporate the legendary Hesston drive system for long-lasting performance, reduced maintenance, and lower operating costs. The balanced tension system on the 1745 uses twin hydraulic cylinders and two springs – one on each side of the baler – to maintain tension on the bale, reduce strain on the baler frame, and build more uniform bales.





Deluxe Auto-Tie Controller (twine and mesh)

The 1745 Deluxe Auto-tie bale monitor gives you fingertip control of automatic, semi-automatic or manual modes. In auto mode, a “full bale” alert sounds when the bale reaches the pre-set diameter, and the baler automatically begins the tying process. “In semi-automatic mode, the “full bale” alert signals the operator to activate the “cycle start” switch. In manual mode, the operator assumes complete control of the tying process.



Modeled after the new Hesston 2900 Series round balers, the 1745 features a mesh wrap option designed to provide easy mesh routing and extra roll storage to keep you baling longer.



We set the standard, and now we're raising it.

For lots of folks, when you're talking hay, you're talking Hesston. That's because right from the start, the Hesston name has stood for quality, performance and innovation in hay equipment.

Now we're raising the bar again, with our new Hesston 2900 Series. Along with legendary Hesston dependability and durability, these round balers boast a long list of features, like our advanced C1000 monitor, reversible PTO gearbox, and independent torsion axle suspension.

Our heavy-duty 1700 Series balers also continue to deliver the same rugged, cost-efficient performance Hesston is known for. And we continue

to update them with features that make them easier to operate and maintain.

Combine all this with our extensive warranty, excellent financing, and dedicated dealer support, and you simply couldn't make a better choice. See your Hesston dealer soon. And discover why the saying "Nobody knows hay like Hesston" rings as true today as ever.



Tried-and-true performance and simplicity of design are hallmarks of the 1700 Series. In fact, you won't find a better value anywhere.



Crowned drive rollers

The Sure-Trac drive roller has a crowned drive surface that keeps belts centered and turning, even in adverse conditions, so you get longer belt life and less maintenance.



Invest wisely.

Hesston 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.

Best of all if you ever decide to trade in your Hesston round baler, the resale values are among the highest in the industry. That's because they come with a built-in reputation for durability.



LOW-RATE, FLEXIBLE FINANCING

Your Hesston Dealer and AGCO Finance offer attractive financing programs to make sure a new 1700 Series or 2900 Series round 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 1800 Series baler, 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 know 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 1800 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

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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.

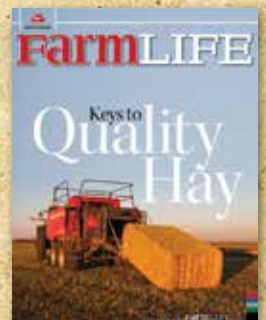


Team Hesston Rodeo

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.

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



Ride with us.



#TeamHesston



We proudly support:



BALER MODEL	1734	1745	2946/2946A	2956/2956A
Bale Size				
Width: in. (mm)	39 (991)	46.5 (1,181)	46.5 (1,181)	61.5 (1,562)
Diameter – max. in. (mm)	52 (1,321)	62 (1,575)	72 (1,829)	72 (1,829)
Weight* (dry) lbs. (kg)	550 (249)	1,250 (567)	up to 1,644 (746)	up to 2,200 (998)
Dimensions & Weights				
Overall width: in. (mm)	74.5 (1,892)	92.5 (2,350)	101.5 (2,578); without gauge wheels 101 (2,565)	116.5 (2,959); without gauge wheels 116 (2,946)
Overall length: in. (mm)	132 (3,353)	147 (3,734)	163.5 (4,153)	163.5 (4,153)
Overall height: in. (mm)	84 (2,134)	101 (2,565)	121 (3,073)	121 (3,073)
Weight: lbs. (kgs)	2,780 (1,261)	3,720 (1,687)	6,075 (2,756)	6,500 (2,948)
Tongue weight (empty): lbs. (kgs)	500 (227)	440 (200)	1,760 (798)	1,760 (798)
Tire size	7.60 x 15	11L x 15 std. 31L x 13.5-15 opt. 14L x 16.1 opt.	14L x 16.1 std. 21.5L x 16.1 opt.	14L x 16.1 std. 21.5L x 16.1 opt.
Bale Chamber				
Number of belts	5 laced, mini rough top	6 laced, wedge grip pattern	6 laced, wedge grip pattern	8 laced, wedge grip pattern
Belt width: in. (mm)	4.8 (122)	7.0 (178)	7.0 (177)	7.0 (177)
Bale size indicator	Visual gauge	Visual gauge	On C1000	On C1000
Bale shape indicator	Optional	Optional	On C1000	On C1000
Pickup				
Width				
Tine to tine: in. (mm)	33.8 (858)	44.2 (1,122)	65.0 (1,651)	80.6 (2,046)
Inside, panel to panel: in. (mm)	38.0 (965)	46.8 (1,188)	67.6 (1,717)	82.6 (2,098)
Outside end to end: in. (mm)	38.8 (986)	46.8 (1,188)	83.7 (2,126)	98.7 (2,507)
Tines bars	3	4	4	4
Number of tines	42	72	104	128
Windguard	Rod	Adjustable rod	Adjustable rod	Adjustable rod
Bale Wrapping				
Twine Wrapping	Manually–rope electric actuated optional	Electric actuated (Auto-tie optional)	Auto-tie–electric actuated	Auto-tie–electric actuated
Number of twine balls	2	4	Up to 12	Up to 12
Mesh wrap	NA	Factory option	Factory option	Factory option
Tractor Requirements				
Horsepower (min.) hp (kW)	30 (22)	40 (30)	65 (48)	70 (52)
Tractor weight (min) lbs. (kgs)	3,000 (1,361)	4,000 (1,814)	6,000 (2,721)	7,000 (3,175)
PTO speed (rpm)	540	540	540 or 1,000	540 or 1,000
Hydraulic remote valves	One double acting	One double acting	Two double acting; one double acting (for 2946A)	Two double acting; one double acting (for 2956A)
Optional Kits				
	Gathering wheels Bale ramp Fire extinguisher Twine threader	Gathering wheels Bale ramp Fire extinguisher Twine threader Mesh wrap Bale kicker Bale counter	Bale ramp Fire extinguisher Twine threader Mesh wrap Hydraulic kicker Silage kit Solid Windguard Short crop kit Soft-Core kit	Bale ramp Fire extinguisher Twine threader Mesh wrap Hydraulic kicker Silage kit Solid Windguard Short crop kit Soft-Core kit

*Depends on crop and moisture conditions

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Play It Safe. Work Smarter.



Welcome to the family.

HESSTON
by MASSEY FERGUSON



HESSTON
by MASSEY FERGUSON

AGCO, Your Agriculture Company, is a premier manufacturer of agricultural equipment, providing high-tech solutions for professional farmers feeding the world. The company is dedicated to delivering superior customer service, innovation and quality. AGCO products are distributed in more than 140 countries worldwide.

