2900 & 1700 Series

Round Balers

HESSTON
by MASSEY FERGUSON

It just gets better and better.

HESSTON 70th ANNIVERSARY
Nobody Knows Hay Like Hesston

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Hesston has proudly built high quality hay equipment for 70 years. Since 1947, Hesston has lead the way with industry leading innovations like the first self-propelled swather, the first large square baler, the first center pivot mower conditioner, plus many more made in Hesston, KS. High quality hay is what we do. High quality hay is what we know. Nobody knows hay like Hesston.

Quality hay starts here.

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 70 years, we've delivered on that promise, time and again.

Today, we're proud to say we're one of the top choices of producers in North America. And we intend to continue to earn that distinction with the kind of quality hay tools you just can't get anywhere else. Our Hesston 2900 Series continues to establish a whole new level of round baler performance, while our popular Hesston 1700 Series round balers have been proving their value for years.

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

Hesston 2900 Series and 1700 Series round balers.
Two more promises kept. Because that's what we do. Because that's what you need and that's what makes all the difference.

A better brand of baler, made a better way.

You simply can't do better than Hesston round balers.

Innovation is a way of life at Hesston. We've not only raised the bar with the Hesston 2900 Series and with improvements to the trusty Hesston 1700 Series, we've also made significant improvements in the way they're manufactured.

We've been relentless in fine-tuning our production process to ensure quality control and optimal results. We've improved logistics, refined specifications, added production tools and increased the number of quality inspections. So you can always count on these balers to stand above the rest.

The new Hesston 2900 Series is built 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 fully automatic balers — the Hesston 2946A and Hesston 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 the 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 For...
2956/2956A 5' x 6'	61.5" x 72.0" (1,562 x 1,829 mm)	2,200 lbs. (998 kg.)	70 (52 kW)	Cattle ranchers, dairymen and commercial hay producers whose success depends 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 owners with a less than 3,000 bale per year operation.
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.

**Depends on crop and moisture conditions*

See complete specs on page 18.

Hesston
2900 Series

Worth a second look. And maybe even a third.

The first time you get a glimpse of the Hesston 2900 Series balers, you'll see that these high-capacity balers have evolved — completely. But take a second look.

Under the gleaming red surface, you'll find some of the most advanced baling features in the business. The renowned Hesston baler drive system is modeled after our legendary Hesston 2200 Series large square balers, which are still number one in the market today. With as few as five chains and our exclusive reversible 540 or 1,000-gear box our drive system combines simplicity with strength, for greater reliability and durability.

Then, look even closer and you'll notice the unique design of our super-wide, low-profile pickup that comes standard on all Hesston 2900 Series balers.

Combine this with our unique Auto-Cycle on-board hydraulics and you will have a high capacity baler that offers operational simplicity for all levels of experience.

The Hesston 2900 Series offers a choice of Auto-Tie and Auto-Cycle to improve efficiency. A wide pickup design similar to that of the industry-leading Hesston large square balers increases intake capacity in all crops from hay to corn residue.

With a wide, low-profile pickup and centering augers, the Hesston 2900 Series tackles wider 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. These tough and durable pickup tines are the same as our industry leading 2200 Series large square balers. So they are durable and tough enough to take on all crops.

With fewer, heavier drive chains, the new Hesston 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, enhancing belt performance. For quick, easy maintenance, all major drive components are accessed through the convenient one-piece service doors.

Everything about them saves you time, money and effort.

When we created the Hesston 2900 Series, we knew these balers had to do more than just bale hay or corn residue. They needed to save you time and money.

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

Features like our unique QCS give you more control over baling and allow you to worry less. With QCS, belt tension stays consistent, even when ejecting bales. That means better bale density and less chance of belt misalignment.

And our simplified, positive hydraulic kicker ejects bales gently and puts them right where you want them. Also our Auto-Cycle models 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 pickup 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 8 20,000-foot balls or 12 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.

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 independent torsion axle suspension, the rugged Hesston 2900 Series features large flotation tires for improved pickup, greater stability, increased operating speeds and a smoother ride.

Of course, you also know it takes more to succeed in the baling business these days than just rugged reliability.

It takes smarts. The kind we build into every Hesston 2900 Series baler. Take our cutting-edge C1000 monitor, for example. This console provides real-time, advanced tracking and monitors bale control to give you the flexibility to build better bales.

And that's just one of the ways we made the Hesston 2900 Series smarter. There's a whole lot more.

The Hesston 2900 Series isn't just the toughest baler on the block. It's the smartest, 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 with ISO functionality 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. The ISO functionality allows you to hook up with any ISO tractor and the round baler interface populates directly on the tractor monitor.

Our Rubber Torsion Axle includes four rubber inserts with a tire and hub that is independent of the baler frame. This allows for faster field and road speeds, smoother pickup performance, greater stability and less field bounce.

The Hesston 2900 Series includes features that enhance baling capacity in residue and biomass crops, such as corn residue and wheat straw. The optional 9-finger solid windguard, designed for short, slick crops, enhances feeding capacity and bale shape quality. While the optional roller windguard assists feeding in tall windrows.

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 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.

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 the 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 providing more uniform bales. And Hesston 1700 Series balers feature the same patented open-throat design and vertical bale chamber as the Hesston 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 Hesston 1745 Deluxe Auto-Tie Controller 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 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.

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.

We set the standard. Now we're raising it.

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

The legendary Hesston 1700 Series balers continue to deliver the same rugged, cost-efficient performance Hesston is known for. And we continuously update them with features that make them easier to operate and maintain.

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

ASK ABOUT OUR TWO 2 YEAR HESSTON INDUSTRY-LEADING WARRANTY

Invest wisely.

Hesston has established 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 by Massey Ferguson dealer and AGCO Finance offer attractive financing programs to make sure a new Hesston 2900 Series or 1700 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 2900 Series or 1700 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 up and running, no matter the hour. After all, you're family. And there's nothing we wouldn't do for family.

At Hesston, 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 two-year/unlimited bales 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 machine's original part, helping keep your Hesston by Massey Ferguson baler running like new.

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.

ProRodeo is a registered trademark of Professional Rodeo Cowboys Association, Inc.

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 by Massey Ferguson machinery behind them. Join Team Hesston Rodeo and be part of the new World Championship Machine. Hesston is the official farm equipment sponsor of the Professional Rodeo Cowboys Association.

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.

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. (kg.)	2,780 (1,261)	3,720 (1,687)	6,075 (2,756)	6,500 (2,948)
Tongue weight (empty): lbs. (kg.)	500 (227)	440 (200)	1,760 (798)	1,760 (798)
Tire size	7.60 x 15	31L x 13.5-15 Std. 14L x 16.1 Opt.	21.5L x 16.1	21.5L x 16.1
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	NA	Optional	On C1000	On C1000

*Depends on crop and moisture conditions

Play It Safe. Work Safely.

AGCO may at any time, and from time to time, for technical or other necessary reasons, modify any of the data, specifications or warranty of the products described herein. Some equipment shown may be optional. Attention: Photographs in this publication may show protective shields and guards open or removed for the purposes of illustration. Be certain all shields and guards are in place during operation.

BALER MODEL	1734	1745	2946/2946A	2956/2956A
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	Optional solid, Optional roller	Optional solid, Optional roller
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				
Minimum PTO HP (kW)	30 (22)	40 (30)	65 (48)	70 (52)
Tractor weight (min) lbs. (kg.)	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 Roller Windguard Short crop kit Soft-Core kit Light kit	Bale ramp Fire extinguisher Twine threader Mesh wrap Hydraulic kicker Silage kit Solid Windguard Roller Windguard Short crop kit Soft-Core kit Light kit

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by MASSEY FERGUSON

AGCO 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.

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