



MASSEY FERGUSON

HESSTON



# 1 SERIES

THE NEXT ELEVATION IN BALING

ROUND BALERS



# 1 SERIES

**DESIGNED BY NORTH AMERICA  
FOR NORTH AMERICA**  
EFFICIENCY.  
RELIABILITY.

YEARS OF KNOWLEDGE IN QUALITY  
HAY PRODUCTION HAS DELIVERED THE  
1 SERIES FROM HESSTON BY MASSEY  
FERGUSON®. OPTIMIZED TO PERFORM  
FLAWLESSLY AND EFFICIENTLY—WITH  
PROVEN DESIGN CONCEPTS FROM AROUND  
THE WORLD—STARTING WITH SOURCING  
THE HIGHEST QUALITY COMPONENTS.



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HESSTON BY MASSEY FERGUSON

# 1 SERIES ROUND BALERS

75 years of Hesston heritage and innovation have met global collaboration to deliver the 1 Series Round baler.

From their conception, Hesston by Massey Ferguson has striven to build quality products that make North American farmers the most efficient in the industry. The 1 Series is a result of that global collaboration, utilizing proven design and components that have withstood the harshest conditions the planet can put in a windrow. By design, the 1 series is packed with features such as drop floor, heavy-duty bearings and a feed channel with an undershot rotor propelling crop into the bale chamber, which ensures operators maximize their productivity & ROI . Pairing the baler with a tractor lacking the latest technologies is not a concern. The state-of-the-art baler needs only 12v of power and a minimum of 12 GPM of hydraulic flow. That, along with a factory optional color touchscreen monitor, will make baler operation seamless.



## NET SYSTEM.

Front Load Net for tighter net application and faster binding cycles. Simplicity and reliability were focal points, when designing this all new net system. Single-handed, toolless net tension adjustment, combined with a “DuckBill” net holder that mechanically places the net on the face of the bale, eliminating failed net feeds due to uncontrollable environmental factors.



**DRIVE LINE & HYDRAULICS.**

540 or 1,000 RPM PTO options to custom fit customer needs. Two hydraulic remotes, when configured as STD. A third hydraulic remote required for the optional Hydraulic Drop Floor. Auto Cycle equipped balers require continuous hydraulic flow, with an optional Power Beyond Load Sense Kit to ensure maximum oil flow and the fastest cycle times.

**FEED CHANNEL.**

The undershot rotor ensures uninterrupted crop flow into the vertical bale chamber. The optional drop floor gives operators the ability to clear a stoppage—without leaving the tractor cab—by hydraulically lowering the Feed Channel Floor, allowing material to pass.

**FORMATION BELTS.**

Mini Roughtop Belts, with an aggressive profile and ultra abrasion resistance, ensure quick consistent bale starting, while spliced ends allow for easy maintenance when needed.

**CAMLEES PICKUP.**

The RB.146 has a 77" and the RB.156 has a 87.5" flare to flare pickup width and comes standard with a camless design, resulting in much lower maintenance cost due to minimal moving parts. Fewer moving parts result in reduced rolling resistance, making the design more efficient by requiring less HP, and much quieter operating.

**CHAINS AND BEARINGS.**

High quality, triple lip sealed bearings for extended service life, and two centralized grease banks for quick and efficient daily maintenance. ASME/ANSI 80 and 100 pitch Diamond® Roller Chain is utilized, ensuring maximum service life while incorporating a straightforward, simplistic drive system Hesston® is known for. Optional chain lube kit further reduces daily maintenance, and extends component life by continually oiling as needed, while operating.



SERVICEABILITY AND MAINTENANCE.

# MADE SIMPLE BY DESIGN.

Daily maintenance and checks are made easy by one piece side shields and swing away net loading racks that effortlessly open to provide unobstructed access to the centralized grease zerks and chains.

The swing away net cradle loader transitions the net roll from storage, to ready, to load in just seconds—ensuring the operator never incurs the full weight of the net roll. Within a matter of a few minutes, the net will be loaded, threaded, and tensioned—all without the use of tools—minimizing the time an operator is outside the cab in the elements.

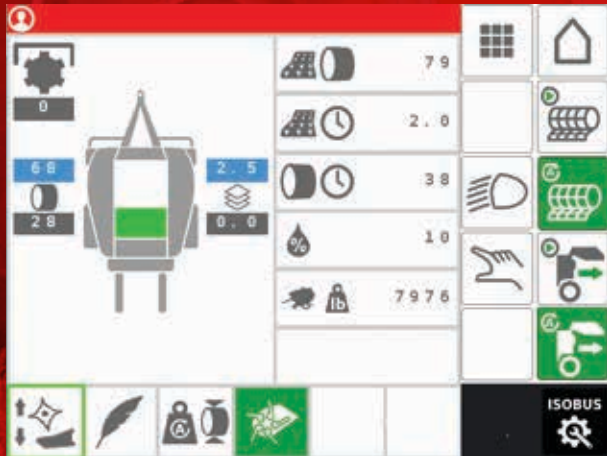
*\* Guards and shielding were removed to showcase internal components of the baler and the Easy Load process. The baler is stationary and all machines were powered off during this process. Please exercise extreme caution and follow all safety guidelines when working with internal components of the baler.*



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# TECHNOLOGY / ELECTRONICS

Cutting edge, cross-platform commonality allows for easy integration into any operation. The 1 Series Baler continues Massey Ferguson's approach of integrating Common Electronic Architecture (CEA) through the brand family. CEA commonizes electronic components, reducing complexity and ensures the highest quality components for the StraightForward & Dependable experience.



### OPERATOR INTERFACE.

Additional benefits of CEA include the ability to standardize the baler operation screens in the monitor with other balers in the Massey Ferguson family. This enables operators to easily navigate settings such as bale size, number of wraps, and bale density with a single touch made on the home screen. Bale shape, bale size and baler status are in vibrant colors for easy viewing while in the field.

### ISOBUS.

ISOBUS Compliance provides the capability to for baler work screen to populate in other OEM's in cab ISOBUS terminals.

### TRACTOR IMPLEMENT MANAGEMENT (TIM).

When paired with TIM equipped tractors, the Massey Ferguson 1 Series makes baling even more enjoyable. TIM allows the baler to stop the tractor once a full bale is reached, reducing operator error and fatigue.

### TELEMETRY.

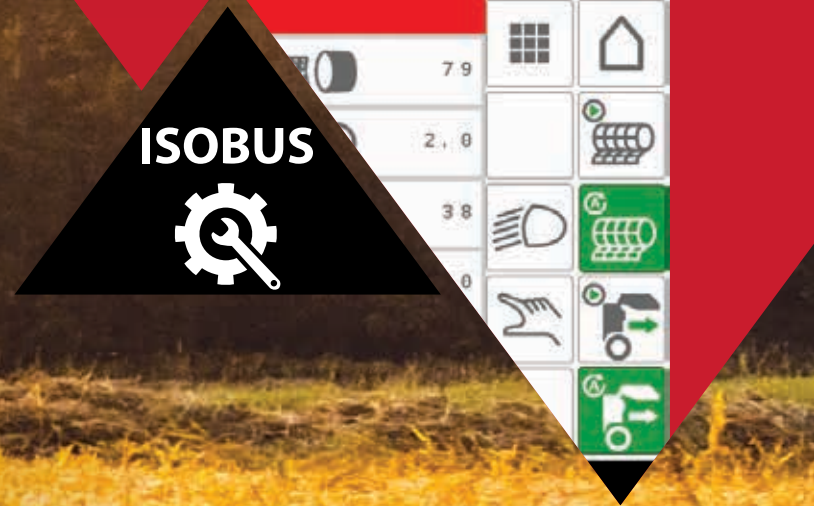
Massey Ferguson telemetry enables remote monitoring of the baler, such as location, bale count, bale weight—if equipped with scales—moisture and last bale diameter.

### ON BOARD SCALES.

Seamlessly integrated scale kit enables the operator to monitor individual bale weight and cumulative bale weight of the field, from the baler monitor.

### BALE CYCLE AUTOMATION.

All 1 Series balers have the capability of automating the tie cycle and, when equipped with the Auto Tailgate option, bales will be wrapped and ejected effortlessly without input from the operator.



## PARTS & SERVICE

# IT'S ALL ABOUT A LIFETIME OF SUPPORT.

Buying, owning and maintaining equipment can be complex. That's why ensuring you have support and peace of mind is always an important consideration. With Hesston by Massey Ferguson, you can count on personalized, responsive support from our network of dealers. Plus, there's no cutoff time for parts and service, meaning we're available to you throughout the lifetime of your machine.

There's a pride and responsibility built into every piece of equipment we sell, and we make it our mission to keep your machine running smoothly, every single time you turn the key.

Ask your dealer about AGCO Protection, an extended warranty program that prolongs your coverage and safeguards against the cost of sudden breakdowns.

AGCO® replacement parts are made to the same high standards as those used on the assembly line, so your AGCO equipment will stay running like new. Talk to your dealer or shop at [parts.agcocorp.com](http://parts.agcocorp.com) to find the AGCO Genuine Parts you need.

Focus on your operation, not on scheduling maintenance. With AGCO GenuineCare plans, your service intervals are predetermined. You'll avoid downtime and be able to better plan your costs thanks to transparent pricing, bundles and discounts.



Genuine Parts. Expert Care.



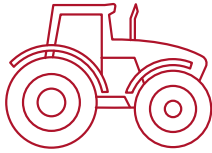
## TECHNICAL SPECIFICATIONS

	<b>RB.146</b>	<b>RB.156</b>
Bale Size ft. (m)	4 x 6 (1.22 x 1.83)	5 x 6 (1.53 x 1.83)
Functional Bale Size in. (m)	30–72 (.76–1.83)	30–72 (.76–1.83)
Chamber Width (in.)	48.4 (1.23)	61.5 (1.56)
Pick-up Width in. (m)	88.5 (2.25)	94.5 (2.4)
Tine to Tine in. (m)	73 (1.85)	83 (2.11)
Flare to Flare in. (m)	77 (1.95)	87.5 (2.22)
Pick-up Tines	5 rows / 150 teeth	5 Rows / 170 teeth
PTO Speed (RPM)	Std. 540—opt. 1,000	Std. 540—opt. 1,000
Required PTO HP (kW)	80 (60)	100 (75)
Hydraulic (manual tailgate)	2 DA—standard 3 DA—w/opt. hydraulic floor	2 DA—standard 3 DA—w/opt. hydraulic floor
Hydraulic (auto tailgate) no Load Sense	2 DA w/1 LP return recommended 1 DA for w/opt. drop floor standard	2 DA w/1 LP return recommended 1 DA for w/opt. drop floor standard
Hydraulic (auto tailgate) with Load Sense	1 DA for pick up & 1 power beyond with load sense for auto tailgate 1 DA for w/opt. drop floor	1 DA for pick up & 1 power beyond with load sense for auto tailgate 1 DA for w/opt. drop floor
Hydraulic Flow Requirement	12 GPM minimum / 20 GPM recommended	12 GPM minimum / 20 GPM recommended
Tire Size	Std. 500/55-20—opt. 21.5LR16	Std. 500/55-20—opt. 21.5LR16
Control	ISOBUS / color touch screen monitor	ISOBUS / color touch screen monitor
Binding	Mesh & twine	Mesh & twine
Belts	6 w/lacing	8 w/lacing
Bale Density	Hydraulic	Hydraulic
Bale Shape Sensors	Optional	Standard
Drop Floor	Optional	Optional
Approx weight lbs. (kg)	7,500 (3,401)	8,300 (3,765)

\*Specifications are manufacturer's estimates at time of publication and are subject to change without prior notification.



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or scan the QR code to get started.



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