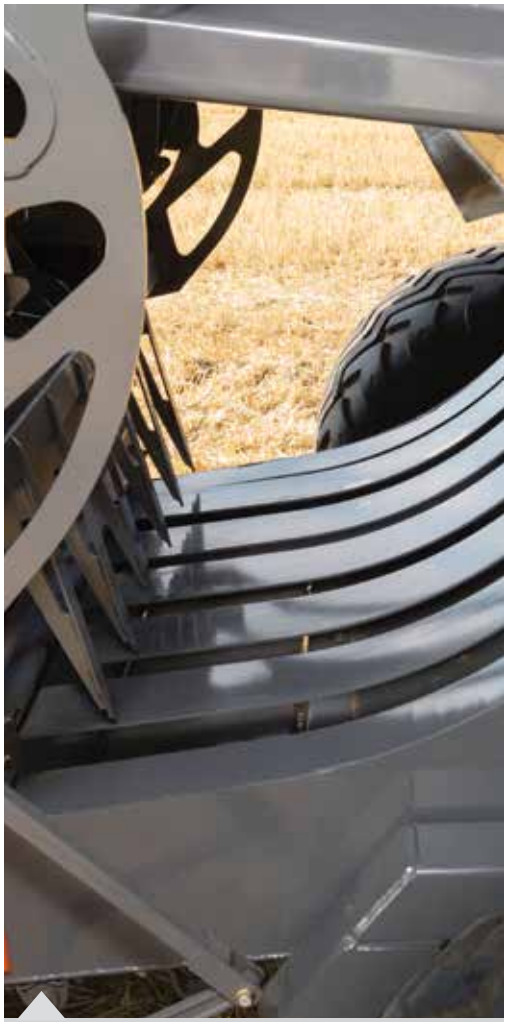
MASSEY FERGUSON

MF 2200

2240, 2250, 2260, 2270, 2270 XD, 2290

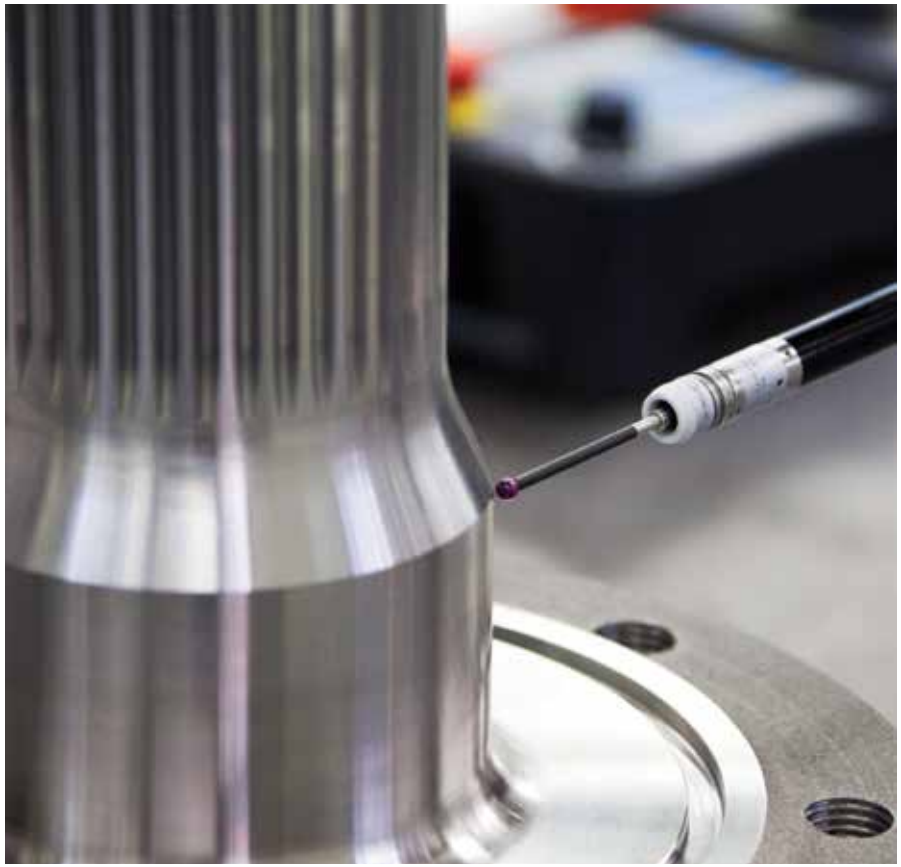
FROM MASSEY FERGUSON



Page 18
Monitoring and Control

Page 24
Cutting options - introducing ProCut

Contents



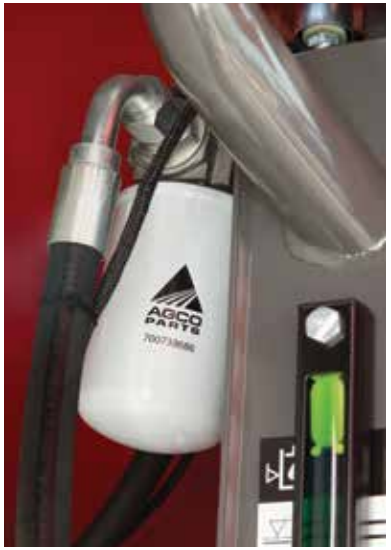
Hesston, Kansas

In 1991 AGCO purchased the Hesston Corporation, a leading North American brand of hay tools and a 50 per cent participation in the manufacturing joint venture known as Hay and Forage Industries (HFI). Then in 2000 AGCO completed the purchase of Hay and Forage Industries in Hesston, Kansas, solidifying its planned strategy to achieve efficient manufacturing rationalisation by consolidating major operations in North America.

With hundreds of patents to its credit, Hesston® has been the hay and forage innovator since 1955, when the company developed the first commercially available self-propelled windrower. Other industry 'firsts' have included the first hydrostatic windrower, the first centre-pivot mower-conditioner and the first big rectangular baler - which had nearly 50 individual patents of its own.

Today, products built in Hesston continue to lead the way in advanced hay and forage technology. The factory offers mowing systems, conventional, round and large square balers and a range of self-propelled windrowers. These are built alongside the innovative rotary combines marketed throughout the world.

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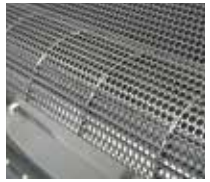










MASSEY FERGUSON
2270XD

Suppliers of the finest large square balers since 1978

The MF 2200 Series of six big square balers introduces a host of innovative features designed to provide farmers with improvements in capacity, bale density and operating efficiency, together with real savings in time and costs. These machines built on the foundation of the MF 2100 Series introduce a number of new features and countless benefits in this highly competitive sector of the market.

The design engineers at Hesston set out to create a family of balers that was simple to operate and maintain, but which incorporated a range of clever developments destined to produce perfect bales – in less time, and transported at less cost. The sleek, modern lines of these machines underline their place at the forefront of baler design.

The MF 2200 Series covers all the common sizes of large square balers required by today's farmers, contractors, hay and straw merchants and industrial consumers of large square bales.

Ultimately, owners of these superb balers will have the reassurance that they have a machine based on proven technology, with 35 years specialist experience and leading edge innovation. 2013 sees the 35th anniversary of production of large square balers at our Hesston plant and with over 25,000 large square balers produced, you don't need any more reassurance than that!

The complete package

Massey Ferguson's range of big balers has a model for the precise size of bale you need

Model	Bale size (W x H)	Straw	Hay	Haylage	Silage	Miscanthus
MF 2240	0.80 x 0.70 m	•	•	•	•	•
MF 2250	0.80 x 0.90 m	•	•	•	•	•
MF 2260	1.20 x 0.70 m	•	•	•	•	•
MF 2270 & MF2270 XD	1.20 x 0.90 m	•	•	•	•	•
MF 2290	1.20 x 1.30 m	•	•	-	-	•

● = Baling capability, - = Not applicable

- Designed and built by the experts in Hesston, Kansas
- Class-leading productivity
- Consistently high bale density
- Quality bales that are easy to stack and transport
- Cutter and tandem axle options offer excellent productivity on all models
- Highly efficient drive system compared to other makes of baler; reduces power requirement whilst maintaining low running costs
- Low component numbers and straightforward maintenance

* Transportation heights and widths will depend on market legislation

Own the best, be the best

If you want consistently high output and superior bales, you need the right equipment. The Massey Ferguson 2200 Series of large square balers is best-in-class when it comes to excellent productivity and job satisfaction.

Be the best, choose the MF 2200 Series.

The start of a perfect bale begins with the MF 2200 Series

Getting you the best output thanks to impressive features

One of the most impressive features on any MF 2200 Series model is the pick-up. The sheer volume of crop that each of these machines can consume has to be seen to be believed. And even though the pick-up capacity is great, the windguard with the roller crop press ensures it is still gentle on the crop.

The integrated design of the pick-up's compression spring floatation system, is key to the pick-up's terrain-following capability. The new design gives all-important ground clearance during baling and transportation.

The four 'quad' augers provide massive pick-up capacity in all crop conditions. Positive, even feed of the crop into the packer ensures the machine can be run to its full potential.

A solid, fully floating windguard with roller crop press is standard on all models, promoting better control of the crop at all times.

From the pick-up, the packer feeds the crop into the pre-compression chamber to form the perfect flake. Once full, the stuffer fork - timed with the plunger - feeds the flake into the bale chamber. Because the stuffer only cycles when the chamber is full, perfect even flakes are consistently produced every time.

Four 'Quad' augers ensure higher capacity feed on 'Packer' balers.

Cutter balers are also fitted with 'Quad' augers ensuring a consistent feed into the ProCut Rotor.

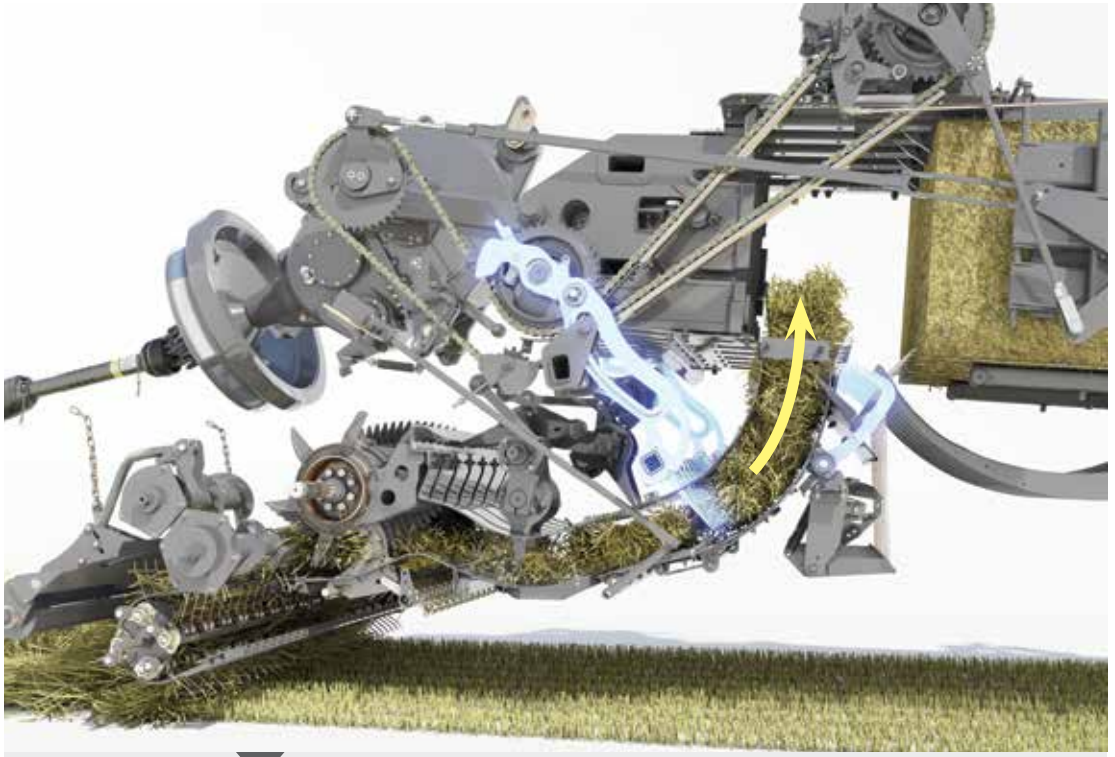
Compression spring pick-up suspension designed for high speed operation.

The Packer tines ensure even feed into the pre-compression chamber.

Pre-Compression System

Massive capacity, industry leading bale density and superb shape all stem from the award winning pre-compression chamber design.
Only when the chamber is perfectly full will the trip door activate and the stuffer fork powers the fully formed flake into the bale chamber.

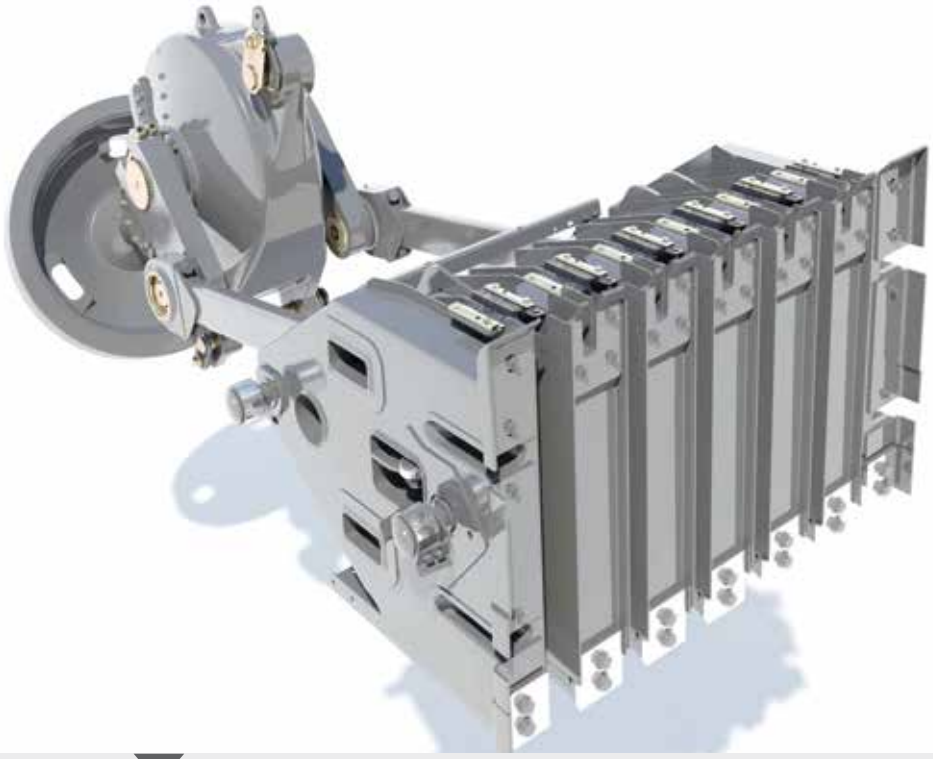
Pre-Compression Chamber - filling.



Pre-Compression Chamber - Stuffer Fork in action.

The heaviest and strongest plunger in the industry

Driven by an enormous gearbox with massive strength, the plunger is connected via two heavy duty connecting rods. Contained in these are load cells that measure the load on the plunger face. Information from the load cells is used to control the automatic density control system and also provides the operator with driving arrow guides if uneven swaths are encountered.



Gearbox and Plunger.

Plunger.

OptiForm™ bale chamber

The bale chamber on the MF 2200 Series is engineered to produce bales with perfect shape and incredible density. Its design will give massive strength and year after year of reliability.

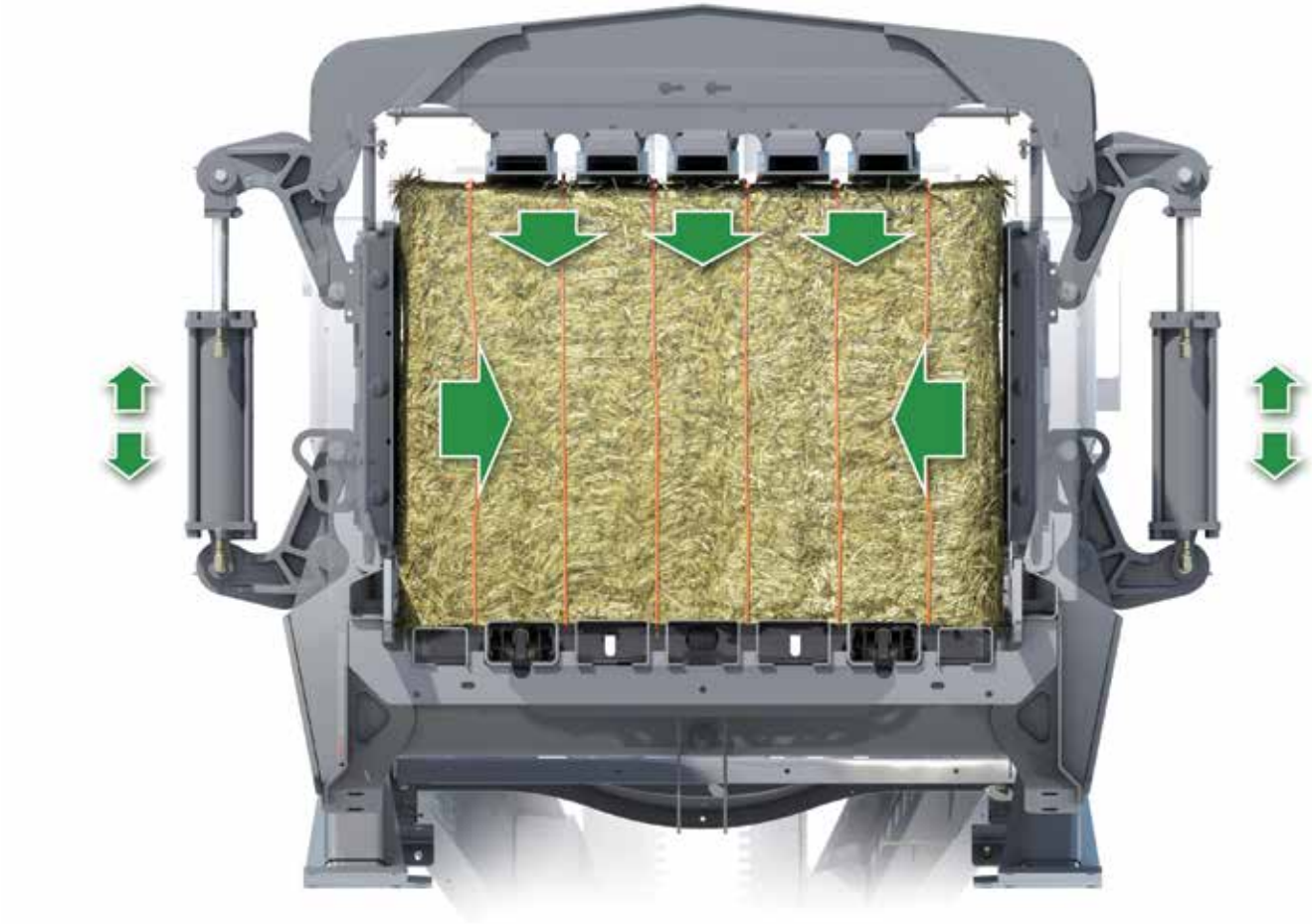
The MF 2270 XD and the MF 2290 baler feature the **OptiForm** bale chamber, which ensures 'Optimal Formation' of the bale on these high capacity and high density models.

The doors on these two models are significantly longer than the previous models and have a refined profile which improves bale compression, ensuring even better bale shape and consistent density throughout the bale.

MF 2270 XD increased door length of **17%**,
MF 2290 increased door length of **22%**

Automatic density control

Double acting density rams apply pressure to both the side and top chamber doors to give consistent bale density all controlled automatically via the C1000 Baler Monitor.



Three way double acting density system.

Automatic density control through the C1000 Baler Monitor.

Density rams.

Double-knotter system

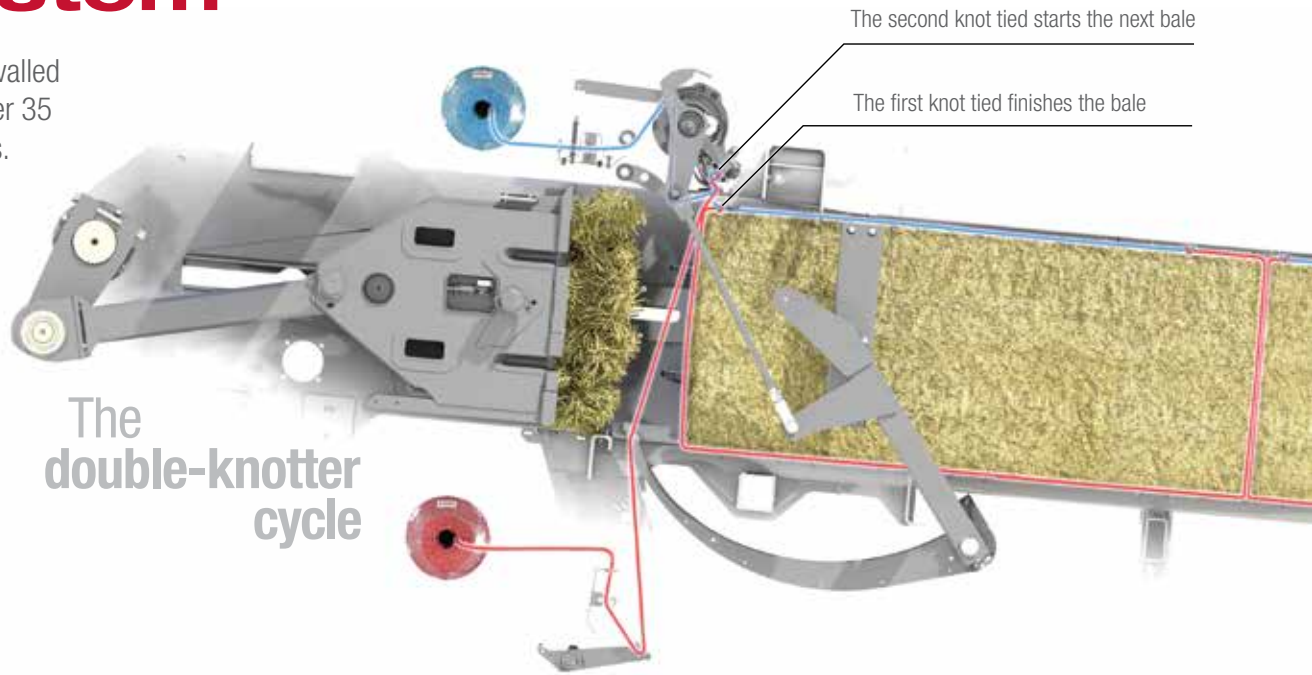
The double-knotter system pioneered at the Hesston factory has an unrivalled record of reliability, tying many millions of bales all over the world for over 35 years. It continues to perform this vital role in the MF 2200 Series balers.

With the aim of perfect bale quality and protection, the knotters are chain-driven directly from the main gearbox, enabling plunger, knotters and needles to be precisely synchronised.

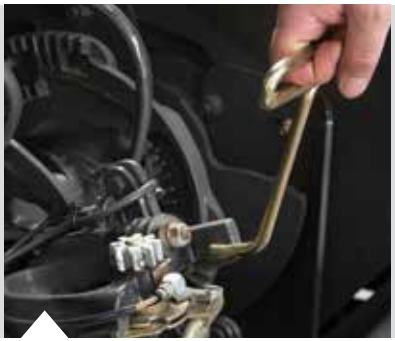
The knotter AutoLube system regularly lubricates twenty-six key points on the knotter stack helping to ensure trouble free, reliable performance bale after bale.

The new Automatic Chain Lubrication System automatically applies oil to the key chain drives on the baler. Another feature to prolong component life, minimise maintenance and lower the cost of ownership.

The optional Electronic Bale Length Control feature allows quick and simple setting of the bale length via the C1000 Baler Monitor.



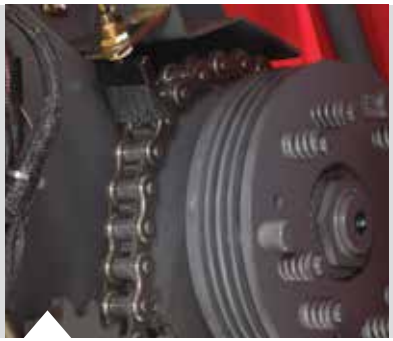
Easily accessible knotter stock.



Each knotter head can easily be lifted for inspection and service.

Straight forward and reliable bale length setting. Mounted in the centre of the bale chamber, the bale length star-wheel floats with the top chamber door, ensuring that the star-wheel gets firm traction in all crop conditions for improved bale length accuracy.

AutoLube system for reduced maintenance and superb knotter reliability.



Automatic Chain Lubrication across the full width of the chain.

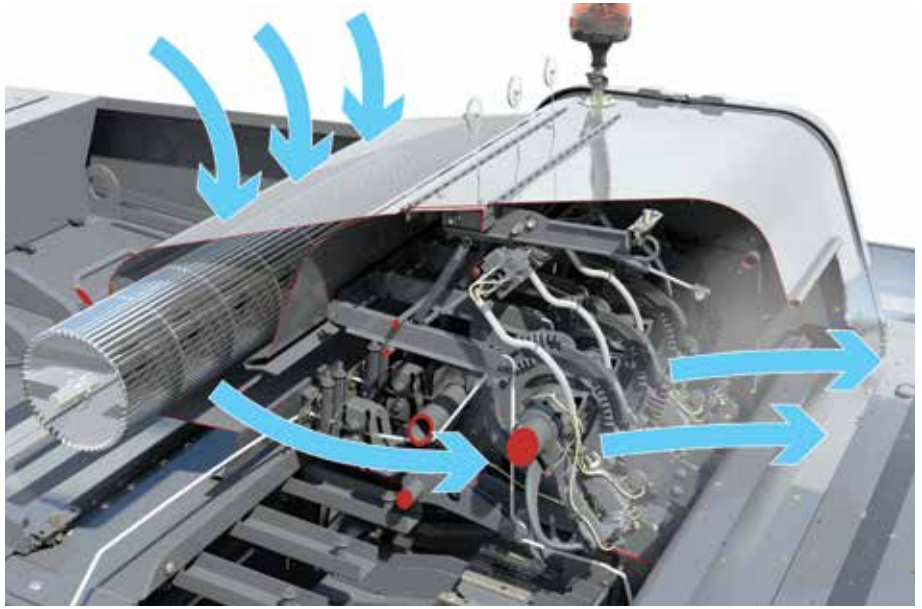
Knotter blower and twine storage

Knotter blower

Powered by a baler-mounted hydraulic pump, the standard knotter blower maintains a constant flow of air at 140 km/h through the knotter stack, instantly clearing any debris entering the knotter area. The design uses a full width, hydraulically driven turbine fan similar to the one used on our high capacity combines. These ensure superior, efficient air flow.

Twine storage

All models carry 30 balls of twine in the 'Easy-Fill' twine boxes which is enough for the longest day's work. Productivity is increased as you don't have to refill during the day. The large dimension of each compartment allow 'super large' size twine spools to be used, enabling even more twine to be carried and therefore more bales produced per twine fill-up.



Knotter blower

The consistently perfect knot.

'Easy-fill' twine storage.

Easy placement of twine that stays in place even on hillsides.

Twine box lighting allows easy night time refilling.

Complete control at your fingertips

The entire baling operation can be monitored from start to finish by means of the highly versatile and simple-to-use C1000 Baler Monitor, giving the operator fingertip control over each stage of the process. Acknowledged as the best monitor in the field, the console can be customised to display precisely the information that's required.

The on-board electronics system automatically ensures that every bale is the same density, regardless of swath size and forward speed, and automatically diagnoses faults.

The high quality, easy-to-read colour screen couldn't be clearer, whatever time of the day or night, and the baler itself is fully ISO-compliant so it can be used on any tractor with an ISO VT terminal.

The monitor is fully video compatible and can easily be linked up to a camera mounted at the rear of the baler.

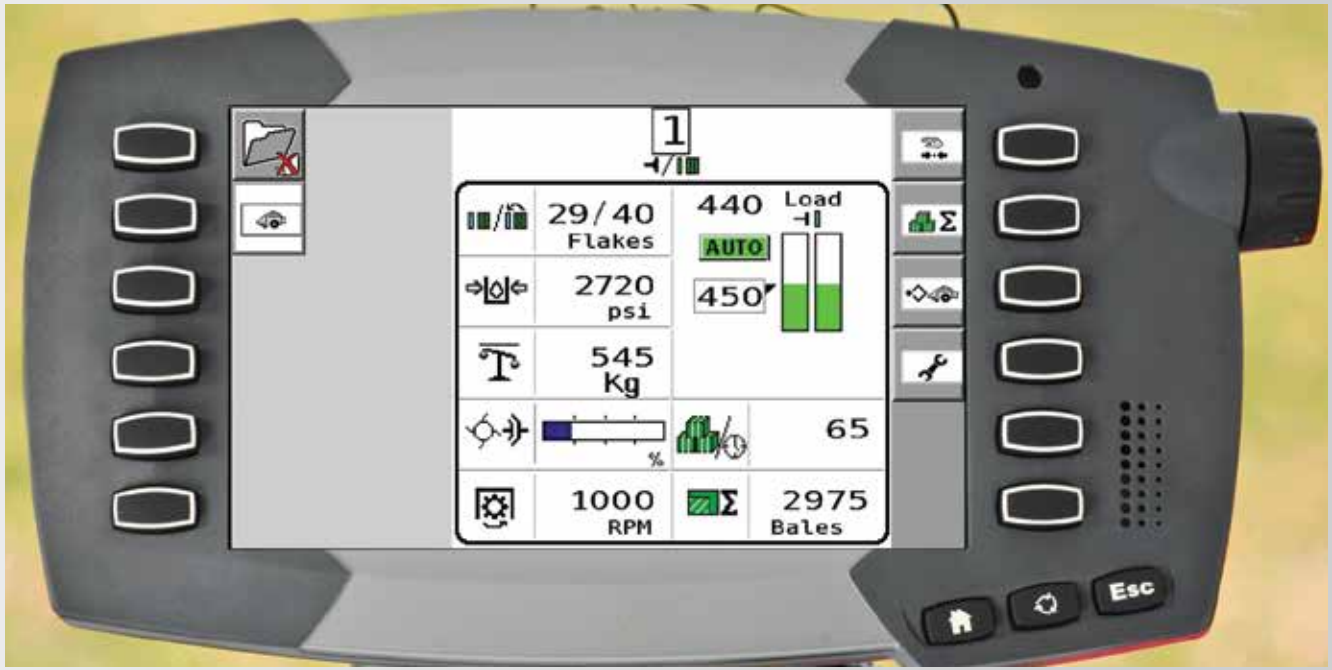
C1000 Baler Monitor.

ISOBUS compatible.

Controlling the baler via the tractor ISO VT terminal.

What the C1000 Baler monitor can do for you

- Set and view current load levels
- Productivity display – bales per hour
- Bale count – total and current job records
- PTO speed
- Pick-up slipage
- Optional bale weight
- Hydraulic system pressure
- Flakes per bale
- Knotter cycle and fault warnings
- Driving arrows to help ensure an even feed and consistent bale shape
- The ability to store and download field and job information via SD card or USB stick
- Full colour video compatible
- Optional electronic bale length control
- Displays the ProCut knife engagement status



One of two operation information screens.

MF 2270 Xtra Density baler

If you need a machine that produces bales of the highest density, then this is the machine for you. The MF 2270 XD has immense capabilities and easily produces between 15% and 20% more material per bale.*

The Massey Ferguson 2270 XD, Extra Density, large square baler packs between 15%-20% more material into bales. ** Designed specifically to lower transport costs with 1.2m x 0.90m bales, this machine produces much denser and heavier bales, further helping to optimise transport space and cut costs.

The MF 2270 XD baler is capable of producing high density bales in a range of crops including hay, haylage, straw and miscanthus. To produce the high density, engineers at Hesston have re-specified the driveline, enormously strengthening the components and main chassis structure to handle extra loads.

Massive XD Flywheel maintains momentum
The extra-strength '**XD Flywheel**' has been designed to create additional inertia and maintain the momentum needed to produce the extra density during baling operations.

Weighing in at 545 kg and, with a width of 250 mm, it is both 91% heavier and more than twice the thickness of the standard version. These flywheel dimensions produce greater plunger inertia, which increases the impact force onto the crop and helps to create the extra density.

Extra heavy duty XD Gearbox transmits the power
To handle the extra load and flywheel force, Hesston engineers have developed a new, 35% heavier gearbox encased in a much thicker casting than the standard version. Inside, all the gears and bearings have been up rated to manage the transmission of the exceptional power throughput with, for example, the output shaft that is nearly 20% larger than the standard.

Built to handle heavy loads
The entire driveline and structure on the MF 2270 XD has been developed specifically to provide the strength and integrity needed to handle the extra density. Heavy duty mountings now support the '**XD Gearbox**' within the robust chassis, which has also been designed to accommodate the larger '**XD Flywheel**'.

The plunger crank arms from the gearbox are the same design as those used on the top of the range and extremely well-proven, MF 2190, large square baler. These larger crank arms can cope with the increased force required to generate denser bales.

* Than the standard MF 2270 model baler. ** Using appropriate high specification twine

Massive **XD Flywheel** **91%** heavier,
and more than twice the thickness of the standard version

A **OptiForm** bale chamber design not only increases the compression on the material to form the XD bales, but also does this at a lower hydraulic pressure than the standard MF 2270. Engineers at Hesston have achieved this using '**XD Density Doors**' on the side of the chamber. These have a new, refined profile with a gradual curve which improves bale compression.

MF 2270 XD Extra Density features:

- '**XD Flywheel**' - twice the weight for increased energy and inertia
- '**XD Gearbox**' - with stronger, larger components and mounting points
- Improved structural integrity to handle the higher loads
- **OptiForm** bale chamber with XD density cylinders
- Standard high speed individually suspended self-steering tandem axle (up to 60 km/h depending on market legislation)
- Optional Integrated Bale Weighing System

MF 2270 XD Extra Density benefits:

- More material per bale
- Less bales per field - reduced field clearance time
- Reduced field transportation costs
- Reduced twine usage
- Reduced storage volume
- Reduced haulage costs

Produces between **15% & 20%**
more material per bale

Single or Tandem axle

Five models come with a choice of single or tandem axle and either hydraulic or optional pneumatically actuated brakes.

The single axle is rated at 40 km/h and suits many customers' needs.

Alternatively customers may wish to opt for a tandem axle version. This high specification axle features self-steering rear wheels to ensure no tyre scrubbing when turning tightly.

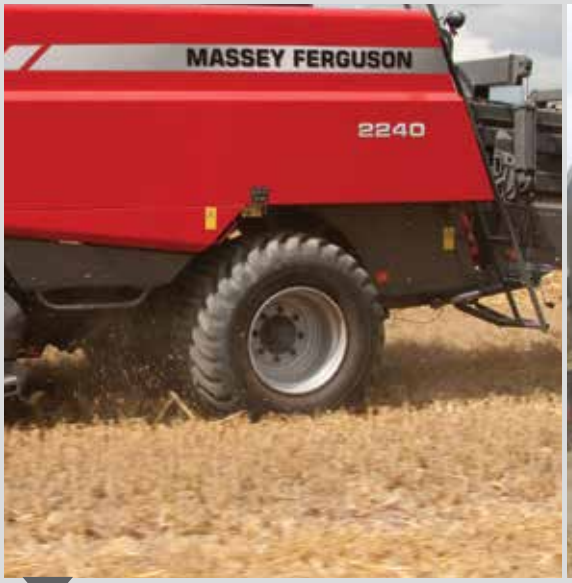
On high specification MF 7700 and MF 8700 Series tractors this feature can be set to activate automatically when reverse is engaged.

For operating convenience, the steering axle can be hydraulically locked in the mid position for reversing, transport and when operating on steep side hills. An axle lock status display is shown on the C1000 Baler Monitor.

The Massey Ferguson tandem axle features independent leaf springs for each wheel helping to ensure a smooth safe ride.

In-field operation is considerably smoother and the baler can safely operate at higher working speeds without causing undue stress and loads on the baler when hard and uneven ground conditions are encountered.

The tandem axle is rated to 60 km/h (where local legislation allows*) to allow very high speed and safe road movements between fields.



MF 2240 single axle baler.

MF 2270 tandem axle baler.

Optional 620/40R22.5 radial floatation tyres.

Rear axle hydraulic steering lock.

Independent leaf-springs for each wheel.

The tandem axle allows for high road speed and gives superb ride comfort between fields.

The tandem axle is rated to **60 km/h**
to allow high speed and safe road movements between fields*

Exceptional Cutting Capabilities

ProCut Cutter

For high quality silage or chopped straw, MF 2240 to MF 2270 XD balers can be factory fitted with a heavy-duty cutter unit.

ProCut chops the crop to your required length and the packer tines ensure high capacity crop transition into the pre-compression chamber. The packer system ensures consistent flake formation producing perfect bale shape regardless of windrow shape and density.

The MF 2240 & MF 2250 have a cutter with 17 knives, whilst the MF 2260, MF 2270 and MF 2270 XD all have 26 knives. The knives are arranged in two banks which can be simply engaged and disengaged from the cab using the C1000 monitor and spool valve. All knives engaged gives a chop length of 43.5mm and with a single knife-bank engaged 87mm.

Each bank of knives is protected by hydraulic accumulators that provide a very responsive safety system should a foreign object enter the cutting area.

PROCUT

Twin knife-banks simply engaged from the cab, offering average chop length of

43.5mm & 87mm

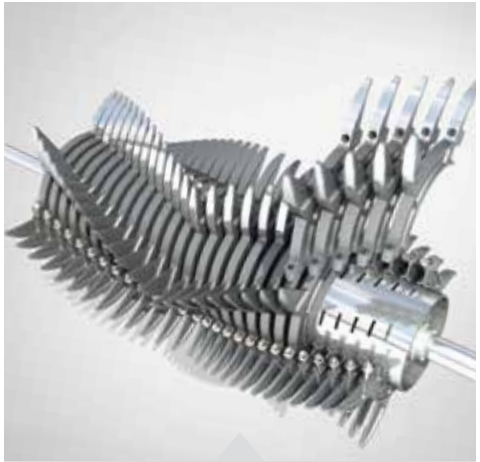
Heavy duty plastic liner for unhindered flow of the stickiest crop

Packer tines ensure efficient transition of material into the pre-compression chamber

Hard wearing stainless steel trip door

Total accessibility with a full width one piece roll out knife magazine

Hydraulic twin knife-bank protection



High speed, large diameter, serviceable rotor with replaceable finger sections

ProCut benefits:

- Huge capacity from the ProCut rotor
- Finer chopped material from the 43.5mm knife spacing
- Highly responsive hydraulic twin knife-bank protection
- Cutter bed can be easily lowered from the cab
- Superb accessibility for cleaning, inspection and maintenance once the knife magazine is rolled out
- Knives can be easily removed or changed
- ProCut knife engagement status is displayed on the monitor

Ample accessibility offering straightforward knife removal

Precision cutting from the new ProCut heavy duty knives

Packer Cutter

Available on the MF 2240** & MF 2250, the ‘Packer Cutter’ combines excellent cutting capabilities with high output and lower power consumption.

The Packer Cutter features a three stage packer to actively pull the crop across six stationary knives located in the floor of the packer chamber.

As with the full cutter baler, each cutter knife on the Packer Cutter has its own spring loaded knife breakaway system to protect against foreign object damage.

MF 2240** and MF 2250 Packer Cutter.

Packer Cutter benefits:

- Blades that can be removed or changed easily
- Individual spring loaded protection system for each knife
- High work rates
- Low power requirement
- Dense and well formed bales

** Market dependent, please consult your Massey Ferguson Dealer

‘Packer Cutter’

Combines cutting capabilities with
high output and lower power consumption

Serviceability

Good design makes for easy work

Comprehensive Operator's Manual.

Excellent access to the knotters.

Checking the cutter gearbox oil level.

Checking the pick-up chain tensions.

Adjusting the flywheel slip clutch.

Greasing the PTO shaft.

Refilling the automatic chain oiler.

Excellent all round access.

AgCommand® Baler Telemetry

AgCommand® takes information-gathering of the machine and the bales it produces to a new level.

By gathering information from the balers CANBUS system and transmitting it to a secure AGCO server, AgCommand® can provide the owner with detailed information on exactly where the baler is operating, how it is set up and what it is producing.

It is a fully automatic system that allows the operator to continue their baling operation without interruption.

Information about the baling operation is stored by a data collection unit on the machine, which is connected to a GPS antenna and GSM module. This data, with position information, is then transmitted via the mobile 'phone network to a secure AGCO server. From here owners and operators can view the information, in near 'real time', through a password protected webpage on a PC, smartphone or tablet.

AgCommand® collects a huge amount of information from the CANBUS to provide greater depth and detailed machine analysis. This information is quickly and easily collated into a very beneficial 'Field Summary Report'- this shows the field and crop details and bale count along with the number of flakes/bale. On machines equipped with the Integrated Bale Weighing System it also shows bale weight and a summary of field efficiencies. Much of the data can also be displayed on a field map.

AgCommand® Field data points.

AgCommand® Dashboard.

Field Summary Report	
Field: Beaufort Field	
Resource	Wheat Straw
Variety	Solstice
Time entered field	04/10/2012 11:51:03
Time left field	04/10/2012 17:32:31
Variables	
Difference Bale Count - Total [ ]	184
Minimum Bale Flakes - Last [ ]	28
Maximum Bale Flakes - Last [ ]	52
Average Bale Flakes - Last [ ]	39.7
Difference Bale Weight - Total [kg]	95580
Minimum Bale Weight [kg]	430
Maximum Bale Weight [kg]	587
Average Bale Weight [kg]	527

AgCommand® Field Summary Report.

AgCommand® Combined GPS & GSM antenna.

AgCommand® Data collection unit.

CONNECTED BY FUSE TECHNOLOGIES

AGCO's overarching new technology strategy is called Fuse Technologies and it will provide professional growers around the globe seamless integration and connectivity across all their farm assets. It will transform farming by delivering precision agriculture solutions that lead to reduced input costs, greater efficiency and profitability.

Accessories

Optional extras are available to increase productivity, make light work of tough jobs and even help your business to grow.

The Integrated Bale Weighing System weighs the bale as it exits the chamber onto the roller bale chute.

Rear mounted video camera.

A video camera can be easily added to your pre-wired baler. The C1000 Baler Monitor is full colour video compatible as standard.

Highly accurate load cells for the Integrated Bale Weighing System.

Hydraulic parking jack.

K 80 ball hitch.

Customer support

Dedicated service and dynamic support

Massey Ferguson is a true global brand with machines operating all over the world, and behind every Massey Ferguson machine is the powerful after sales support of AGCO's Customer Support organisation.

Industry benchmarking shows that AGCO offers customers world-class parts and service support, and this is never truer than in support of our harvest machinery both in and out of season.

In season excellence

The Harvest Support Programme is designed to be extremely dynamic and able to adapt immediately to changing conditions. Each harvest experience in every country is used to continuously enhance the comprehensive service.

Key elements include:

- A dedicated harvest parts warehouse guaranteeing superb parts supply and availability, and enabling a direct and rapid logistical response.
- 24/7 AGCO Parts warehouse and Customer Service facilities for MF European harvesting markets.
- Dealer direct access to on-line parts ordering 24/7 with full visibility of parts availability throughout the European warehouse network round-the-clock.
- Exceptional services such as late cut-offs, special transport, 'Euro direct' deliveries throughout Europe direct to MF dealers and customers, and collection services
- Specialist technicians with expert product knowledge supporting local markets.
- Local dealer commitment to the highest levels of service by operating 'out of hours' parts and service support.

Year round distinction

Naturally we recognise that supporting our harvest equipment goes beyond the harvest period.

All Massey Ferguson machinery benefits from year round focus in the form of both the exceptional standards provided by AGCO Parts as well as specific servicing packages:

- Industry-leading parts supply through AGCO Parts' state-of-the-art warehousing and logistics.
- Genuine parts from AGCO Parts, the only genuine supplier, guaranteeing the right fit, first time, every time.
- Well-qualified parts specialists and highly-trained service technicians providing dedicated service support and technical solutions.
- After sales solutions for all ages of machinery for maximum uptime in every situation.
- Specific focus on preventative maintenance through comprehensive pre- and post-season health checks.
- Long term reliability from affordable servicing and maintenance packages.

After sales support from AGCO Customer Support is about providing the best solution to our customers' needs through world-class parts and service; providing the local service to the global brand.

Specifications

		MF2240**	MF2250	MF2260	MF2270	MF2270 XD	MF2290
Bale Size							
Cross section (width x height)	mm	800 x 700	800 x 900	1200 x 700	1200 x 900	1200 x 900	1200 x 1300
Length (maximum)	mm	Up to 2740	Up to 2740	Up to 2740	Up to 2740	Up to 2740	Up to 2740
Dimensions and Weights							
Overall width - pick-up wheels installed	mm	3000	3000	3000	3000	3000	3300
Overall width - optional 620 / 40 x 22.5 tyres	mm	3000	3000	3230	3230	3230	3230
Overall length – bale chute in raised position	mm	8300	8300	8330	8330	8730	8820
Overall height – to top of folded hand rail	mm	2695	2970	2695	2695	2870	3320
Overall height – to top of raised hand rail	mm	3270	3270	3270	3270	3270	3580
Weight (single axle / tandem axle, less cutter)	kg - approx.	6640 / 7240	6840 / 7440	8720 / 9740	8940 / 9690	10580	10520 / 11030
Weight (single axle / tandem axle, with cutter)	kg - approx.	7470 / 8070	7670 / 8270	9660 / 10410	9880 / 10630	11520	11460 / 11970
Main Drive System							
Flywheel diameter	mm	750	750	870	870	990	870
Flywheel width	mm	110	110	130	130	250	130
Flywheel weight	kg	170	170	290	290	550	290
Protection		Slip clutch, overrunning clutch and shear bolt					
Pickup							
Overall width - less pickup wheels	mm	2600					
Effective working width	mm	2260					
Number of tine bars		4 tine bars with centre carrier					
Tine spacing - tine to tine	mm	66					
Drive protection		Slip and overrun clutch					
Suspension		Compression Spring Floatation					
Packer Balers							
Packer system		Fork type					
Packer tines		4 hardened tines	4 hardened tines	6 hardened tines	6 hardened tines	6 hardened tines	6 hardened tines
Drive protection		Splined slip clutch					
Packer Cutter Balers							
Packer system		Fork type		N/A	N/A	N/A	N/A
Packer tines		6 double hardened tines		N/A	N/A	N/A	N/A
Number of knives		6		N/A	N/A	N/A	N/A
Knife protection		Spring loaded		N/A	N/A	N/A	N/A
ProCut Cutter Balers							
Rotor diameter	mm	650	650	650	650	650	650
Number of knives	rpm	0, 8, 17	0, 8, 17	0, 13, 26	0, 13, 26	0, 13, 26	0, 13, 26
Knife protection		Twin Hydraulic Knife Protection					
Plunger							
Speed	strokes/min	47	47	47	47	47	33
Length of stroke	mm	740	740	740	740	740	820

		MF2240**	MF2250	MF2260	MF2270	MF2270 XD	MF2290
Tying Mechanism							
Number / type of knotters		4 double knot	4 double knot	6 double knot	6 double knot	6 double knot	6 double knot
Twine type / capacity		High quality polypropylene / 30 ball storage					
Knotter blower		Standard - hydraulically driven					
Knotter lubrication		Standard - AutoLube automatic lubrication system to 24 points					
Selectable Length Bale Ejector							
Number of teeth		8 teeth in 4 rows				10 teeth in 5 rows	
Number of selectable rows		3 rows selectable					
Operation		Independent hydraulic cylinder operated from the rear of the baler					
Bale Chute							
Heavy duty roller bale chute		Standard					
Bale drop indicator		Standard					
Folding system for transport		Independent hydraulic cylinder operated from the rear of the baler					
Axles and Tyres							
Single axle tyre size		600 / 50 - 22.5	600 / 50 - 22.5	700 / 50 - 22.5	700 / 50 - 22.5	N/A	28L x 26
Single tyre ply rating		12 Ply	12 Ply	16 Ply	16 Ply	N/A	16 Ply
Tandem steering axle tyre size		500 / 50 - 17	500 / 50 - 17	500 / 45 - 22.5	500 / 45 - 22.5	500 / 45 - 22.5	500 / 45 - 22.5
Tandem tyre ply rating		16 Ply	16 Ply	16 Ply	16 Ply	16 Ply	16 Ply
Optional tandem tyre size		620 / 40 - 22.5 Radial	620 / 40 - 22.5 Radial	620 / 40 - 22.5 Radial	620 / 40 - 22.5 Radial	620 / 40 - 22.5 Radial	620 / 40 - 22.5 Radial
Single axle maximum rated speed *	kph	40	40	40	40	40	40
Tandem steering axle maximum rated speed *	kph	60	60	60	60	60	60
* where local legislation permits							
Control and Monitoring System							
ISOBUS		ISOBUS 11783 Compatible Implement					
Implement monitor		C1000 Baler Monitor - full colour console - video compatible					
LED working Lights		Six Halogen Service Lights and Two LED Working Lights					
Tractor Requirements							
Recommended PTO horsepower - Packer	Hp /kW	140 / 105	150 / 112	160 / 120	170 / 127	200 / 150	200 / 150
Recommended PTO horsepower - Packer Cutter	Hp /kW	155 / 116	165 / 123	N/A	N/A	N/A	N/A
Recommended PTO horsepower - Cutter	Hp /kW	170 / 127	180 / 135	190 / 142	200 / 149	250 / 186	250 / 186
PTO type		Type II 1 3/8" (35 mm) - 21 Spline CV PTO Shaft		Type III 1 3/4" (44 mm) 20 Spline CV PTO Shaft			
Hydraulics spool valve requirement	min / rec	2 or 3 double acting depending on specification					
Variable Equipment							
Air braking system		Yes					
Dealer Installed Accessories		Integrated Bale Weighing System, Hydraulic Parking Jack, Video Camera, AgCommand® Telemetry					
		Electronic Bale Length Control					

* Depending on market legislation. ** Market dependent, please consult your Massey Ferguson Dealer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MASSEY FERGUSON
2270XD
PROCUT

Built to meet the demands of the toughest season

01 ISOBUS 11783 compatible implement. Allows for simple and easy connection to an ISOBUS compatible tractor – as standard.

02 Universal hitch designed to accommodate a wide range of hitching situations.

03 Floating windguard with roller crop press for the ultimate feed – as standard.

04 Wide high capacity pick-up with four **'Quad Augers'** for superb feeding in all crops and conditions.

05 Easily removable pick-up gauge wheels – as standard.

06 Choice of configuration; **'Packer'**, **'ProCut'**, or **'Packer Cutter*'** variants.

07 Pre-compression chamber ensures a full flake of material is loaded into the bale chamber, even when baling small swaths.

08 Single or tandem axles with hydraulic or air brakes.

09 Optional - 620/40-22.5 floatation tyres.

10 **'Easy-fill'** string boxes, enough for a full day's work with capacity for 30 'super size' balls of twine.

11 Selectable length bale ejector – as standard.

12 **'OptiForm'** bale chamber – MF 2270 XD and MF 2290.

13 Optional – Integrated Bale Weighing System. Straight forward and accurate.

14 Heavy duty roller bale chute – as standard.

15 Highly reliable and dependable double-knotter system.

16 Optional – Electronic Bale Length Control.

17 Fully integrated, hydraulically driven, powerful knotter blower ensures trouble free knotter performance – as standard.

18 Fully integrated automatic AutoLube knotter lubrication system – as standard.

19 Automatic Chain Lubrication System – as standard.

20 Fully integrated on-board hydraulics. No matter what hydraulic system your tractor has the baler hydraulics for the density control and knotter fan are completely independent.

* 'Packer Cutter' variant only available on MF 2240 & MF 2250 models.

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