

# MF 2200 SERIES

MF 2233/2224/2234/2234 XD/2244



MASSEY FERGUSON

BORN TO **FARM**

# MF 2200 SERIES

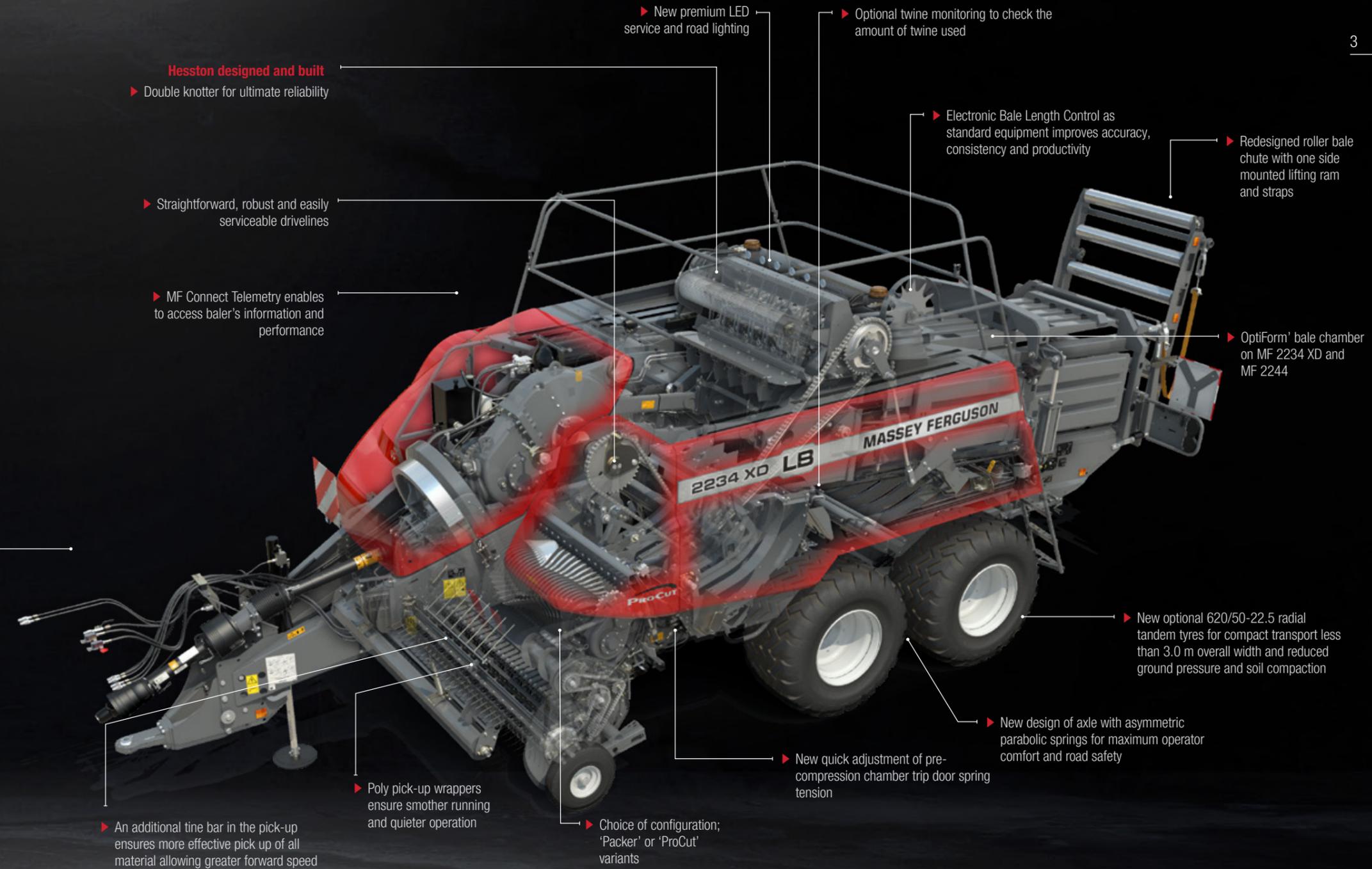
BUILDING ON THE SUCCESS OF ITS PREDECESSOR, THE MF 2200 SERIES BRINGS SIGNIFICANT UPDATES AND NEW FEATURES TO FURTHER ENHANCE YOUR PERFORMANCE.

The large square baler range retains five model covering four bale sizes. A new model numbering is introduced.

These square balers make dense, well-formed bales, and are renowned for their reliability, longevity and low cost of ownership.

	MF 2233	MF 2224	MF 2234	MF 2234 XD	MF 2244
Bale size (cm)	80x90	120x70	120x90	120x90	120x130
Packer	Single and tandem axle			Tandem axle	Single and tandem axle
ProCut	Tandem axle				N/A

**New user experience**  
 ▶ With a new modern and intuitive MF BaleCreate terminal display to control and display information



**Hesston designed and built**  
 ▶ Double knotter for ultimate reliability

▶ Straightforward, robust and easily serviceable drivelines

▶ MF Connect Telemetry enables to access baler's information and performance

▶ New premium LED service and road lighting

▶ Optional twine monitoring to check the amount of twine used

▶ Electronic Bale Length Control as standard equipment improves accuracy, consistency and productivity

▶ Redesigned roller bale chute with one side mounted lifting ram and straps

▶ OptiForm' bale chamber on MF 2234 XD and MF 2244

▶ An additional tine bar in the pick-up ensures more effective pick up of all material allowing greater forward speed

▶ Poly pick-up wrappers ensure smoother running and quieter operation

▶ Choice of configuration; 'Packer' or 'ProCut' variants

▶ New quick adjustment of pre-compression chamber trip door spring tension

▶ New design of axle with asymmetric parabolic springs for maximum operator comfort and road safety

▶ New optional 620/50-22.5 radial tandem tyres for compact transport less than 3.0 m overall width and reduced ground pressure and soil compaction

# EXCEPTIONAL CUTTING CAPABILITIES

PROCUT CUTTER FOR HIGH QUALITY SILAGE OR CHOPPED STRAW, MF 2233 TO MF 2234 XD BALERS CAN BE FACTORY FITTED WITH A HEAVY-DUTY CUTTER UNIT.

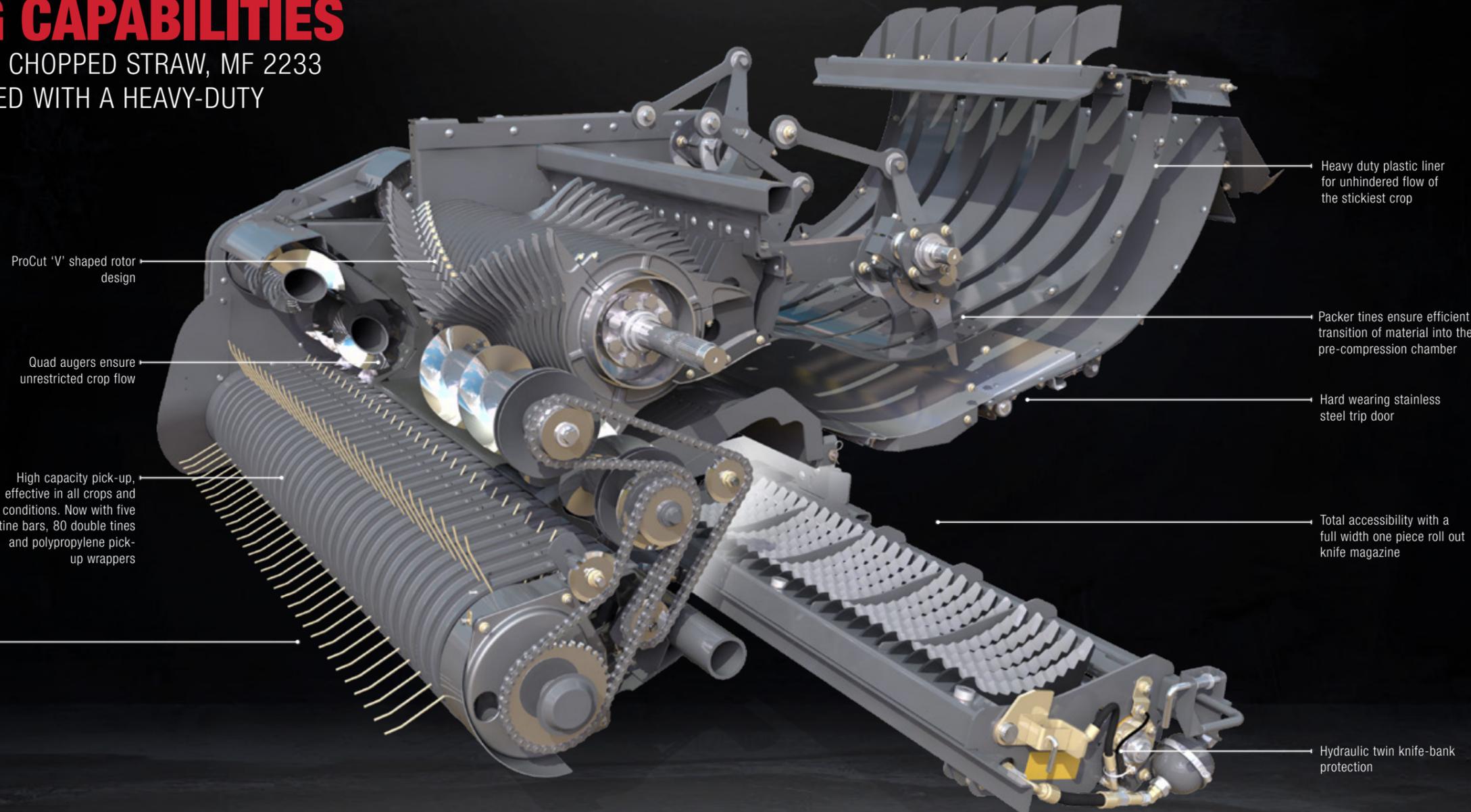
ProCut chops the crop to your required length and the packer tines ensure high capacity crop transition into the pre-compression chamber. The packer system ensures consistent flake formation producing perfect bale shape regardless of windrow shape and density.

The MF 2233 has a cutter with 17 knives, whilst the MF 2224, MF 2234 and MF 2234 XD all have 26 knives. The knives are arranged in two banks which can be simply engaged and disengaged from the cab using the FieldStar 5 baler terminal and spool valve. All knives engaged gives a chop length of 43.5 mm and with a single knife-bank engaged 87 mm.

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



TWIN KNIFE-BANKS SIMPLY ENGAGED FROM THE CAB, OFFERING AVERAGE CHOP LENGTH OF 43.5 mm & 87 mm



ProCut 'V' shaped rotor design

Quad augers ensure unrestricted crop flow

High capacity pick-up, effective in all crops and conditions. Now with five tine bars, 80 double tines and polypropylene pick-up wrappers

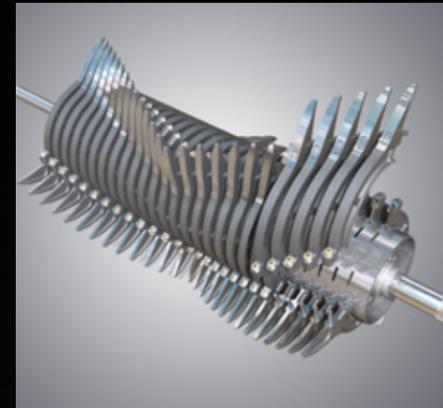
Heavy duty plastic liner for unhindered flow of the stickiest crop

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

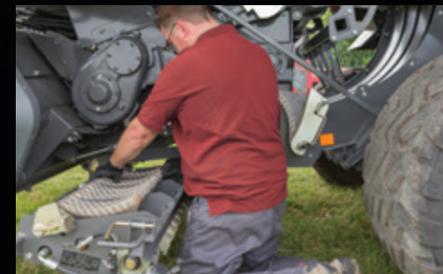
Hard wearing stainless steel trip door

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



Ample accessibility offering straightforward knife removal



Precision cutting from the new ProCut heavy duty knives

### ProCut benefits:

- ▶ Huge capacity from the ProCut rotor
- ▶ The new three row rotor finger design ensures high quality cutting with reduced power consumption
- ▶ Finer chopped material from the 43.5 mm 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

## TECHNICAL SPECIFICATIONS

		MF 2233	MF 2224	MF 2234	MF 2234 XD	MF 2244
<b>Bale Size</b>						
Cross section (width x height)	cm	80 x 90	120 x 70	120 x 90	120 x 90	120 x 130
Bale length (maximum)	mm	Up to 2,740				
<b>Dimensions and Weights</b>						
Overall width—pick-up wheels installed	mm	2,990				
Overall width—620 R 50—22.5 tyres	mm	2,990				
Overall length—bale chute raised	mm	8,300	8,330	8,730	8,820	
Overall height—top of raised hand rail	mm	3,300	3,300	3,300	3,620	
Weight (single axle/tandem axle less cutter)	kg -approx.	7,900 / 8,400	8,850 / 9,400	9,350 / 9,900	– / 10,700	10,650 / 11,200
Weight (tandem axle with cutter)	kg -approx.	9,230	10,340	10,840	11,640	–
<b>Main Drive System</b>						
Flywheel diameter	mm	750	870	870	990	870
Flywheel width	mm	115	130	130	250	130
Flywheel weight	kg	190	290	290	550	290
Protection		Slip clutch, overrun clutch and shear bolt				
<b>Pick-up</b>						
Overall width—less pick-up wheels	mm	2600				
Working width—DIN 11220	mm	2250				
Number of tine bars		5 with centre carrier				
Number of tines		80 double tines				
Drive protection		Slip and overrun clutch				
Suspension		Compression spring floatation				
<b>Packer Balers</b>						
Packer system		Fork type				
Packer tines		4 hardened tines	6 hardened tines			
Drive protection		Multi-plate slip clutch				
<b>ProCut Balers</b>						
Rotor diameter	mm	650				
Number of cuttingknives		0, 8, 17	0, 13, 26			–
Knife protection		Twin hydraulicknife bank protection				
Drive protection		Multi-plate slip clutch				
<b>Plunger</b>						
Speed	strokes / min	47				
Length of stroke	mm	740				

		MF 2233	MF 2224	MF 2234	MF 2234 XD	MF 2244
<b>Tying Mechanism</b>						
Number / type of knotters		4 double knot	6 double knot			
Twine type / capacity		High quality polypropylene / 30 spool storage				
Knotter blower		Standard –hydraulically driven transverse impeller fan				
Knotter lubrication		Standard –AutoLube automatic lubrication to max 26 points				
<b>Selectable Length Bale Ejector</b>						
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 cab or rear of the baler				
<b>Bale Chute</b>						
Heavy duty roller bale chute		Standard				
Bale drop indicator		Standard				
Folding system for transport		Independent hydraulic cylinder operated from the cab or rear of the baler				
<b>Axles and tyres</b>						
Single axle tyresize	Cross ply	700/50-22.5			–	700/50-26.5
Single axle tyre ply rating		16 ply			–	16 ply
Tandem axletyre size	Cross ply	600/50-22.5				
Tandem axle tyre ply rating		16 ply				
Optional tandem axle tyre	Radial	620/50 R 22.5				
Single axle maximum rated speed*	km/h	40				
Tandem axle maximum rated speed*	km/h	60				
<b>Service Brakes</b>						
Pneumatic air braking system		Standard				
<b>Controland Monitoring System</b>						
ISOBUS		Standard -ISOBUS 11783 Compatible Implement				
Implement Terminal		FieldStar 5 Terminal, touchscreen, full colour 23cm (9"), video compatible				
Lighting		Premium LED road,work and service lights				
<b>Tractor Requirements</b>						
Recommended PTO power –Packer	Hp / kW	150 / 112	160 / 120	170 / 127	200 / 150	200 / 150
Recommended PTO power –ProCut	Hp / kW	180 / 135	190 / 142	200 / 149	250 / 186	–
PTO Type		Type II 1 3/8" (35 mm) 21 spline CV shaft	Type III 1 3/4" (44 mm) –20 spline CV shaft			
Hydraulic spool valve requirement	min /rec	2 or 3 double acting depending on specification				

### KEY

- Standard specification
- Optional
- Not available
- \* Depending on market legislation

Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.



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