

MF225F

Fixed chamber round balers



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

Trouble-free performance for maximum flexibility

The new MF 225F fixed chamber balers are designed for maximum flexibility in all crop conditions.



MF 225F Fork Feeder
Bale Diameter: 1.20 x 1.25 m
Intake System:
Fork Feeder Intake
Twine, Net or Double Binding



MF 225F SuperCut-14
Bale Diameter: 1.20 x 1.25 m
Intake System:
SuperCut-14 Knives
Net or Double Binding



MF 225F Rotor
Bale Diameter: 1.20 x 1.25 m
Intake System:
SuperFeed Rotor
Twine, Net or Double Binding



MF 225F SuperCut-25
Bale Diameter: 1.20 x 1.25
Intake System:
SuperCut-25 Knives
Net Binding

Top Performing Balers

The new MF 225F fixed chamber balers are designed for maximum flexibility in all crop conditions. Perfectly shaped bales, combined with long lasting reliable performance ensure that the new MF 225F series will be a profitable investment.

The new generation of fixed chamber balers from Massey Ferguson, incorporates knowledge built up over many years in the baler business, bringing you an assurance of reliable operation even in the toughest working conditions.

The combined bale chamber concept, with roller at front and chain and slat at the rear is the ideal combination for dense and well-shaped bales in all conditions. The system ensures maximal bale rotation in all types of wet or dry crops.



Clean up with Massey Ferguson

The newly designed Massey Ferguson pick-up offers excellent pick-up performance and lifts up even the shortest crop, thanks to the small diameter pick-up.

High capacity of 2.0 and 2.2m

The new Massey Ferguson pick-up is designed for high capacity with fast throughput and provides a smooth and even crop flow into the baler. The roller crop press precompresses the crop and helps to even out the flow of crop into the baler.

Rugged easily adjustable pick-up guide wheels are equipped with generous flotation tyres. The unique compact pick-up drive design keeps the wheels within the overall baler width eliminating the need to remove them for transport.

The large diameter roller crop press pre-compresses the crop and helps to even out the flow of material. It provides a uniform flow of crop into the baler, reducing the risk of blockages and allowing increased intake speeds.

Designed for narrow transport width

Despite up to 2.2m working width the MF 225F has a transport width of only dependent on road wheel specification thanks to the innovative design of the pick-up driveline which is located inboard of the cam track at either end of the pick-up.

This unique design feature means there is no need to remove the pick-up guide wheels for road transport, reducing unproductive time between jobs.

Powerful 2.2 m pick-up

Key to the exceptional in field performance of the MF 225F SuperCut is an extra wide 2.2m pick-up packed with unique features. Five individual tine bars and a high rotation speed give effortless clean raking ability even in the shortest crop conditions.

Even in the heaviest crop conditions loading on the tine bars is kept to a minimum by the use of two intermediate supports and two separate cam tracks located at either end of the pick-up. The 5 tine bars are fitted with two central supports reducing stress when lifting heavy crops.

The MF 225F SuperCut-25 is specified with the innovative 'AutoLevel' suspension system, which allows the pick-up to float smoothly over ground undulations. This ensures incredibly accurate, close raking pick-up performance in the most demanding field conditions.



01 Easy adjustable pick-up guide wheels.

02 Large diameter roller crop press.

03 Auto level suspension.

04 Inboard driveline for narrow transport width.



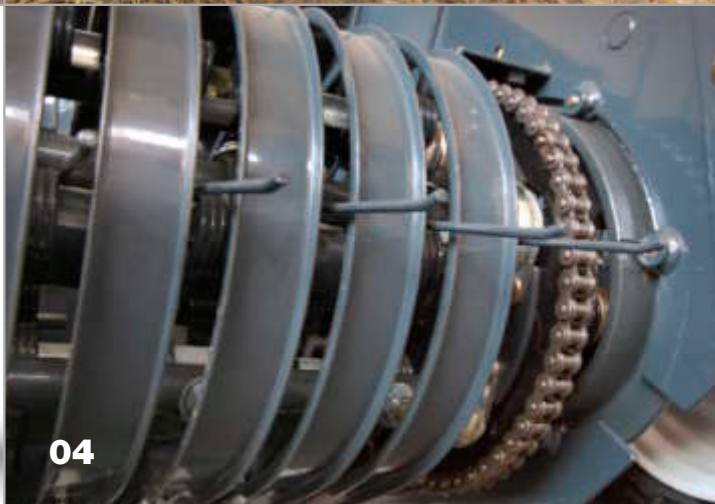
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Experience excellent throughput

A choice of Fork feeder, SuperFeed rotor, 14 Knife SuperCut or 25 Knife SuperCut systems ensures there is a model to match individual requirements.

Drop floor for easy unblocking

The new Massey Ferguson Drop Floor enables the operator to clear blockages easily from the tractor cab without any crop loss. Drop the floor to free the rotor of blockage, engage the PTO to feed the blockage through and close the floor to continue baling.

Fork Feeder for huge intake capacity

The MF 225F Fork Feeder is fitted with a cost efficient fork feeder intake system. This system provides direct feed into the bale chamber, and the wide opening allows almost unrestricted intake capacity for fast and efficient bale start. The fork feeder is provided with a crop press above the pick-up that ensures a regular crop flow even from large bulky swaths.

SuperCut-25 knife rotor

The SuperCut-25 pre-chopping system offers the ultimate solution

for short chop baling with a chop length of 40mm. The short and precise chop provides dense and airtight bales for the best possible silage quality.

The operator can choose to engage 25, 13, 12 or 0 knives, giving maximum flexibility of operation. For instance it is possible to use half the knives in the morning in difficult and demanding conditionings and the remaining half in the afternoon, allowing a full day of baling to be achieved with optimum chop quality.

Dual action knife protection

The SuperCut-25 knives are fitted with dual action protection against foreign objects. Each knife is individually spring protected and can move in two directions. If a smaller obstacle hits the knife, it will pivot backwards without losing cutting quality. If a larger

obstacle hits the knives they can pivot downwards into a safe position. The knife will immediately return to working position once the obstacle has passed.

SuperCut-14 knife rotor

The SuperCut-14 knife chopping system provides a fast and efficient flow into the baler. With a chopping length of 70 mm it is the ideal solution for producing tight bales with superb silage quality. Also, the bale is easier to break up during the feeding process.

SuperFeed rotor intake for ultimate capacity

Truly impressive intake capacity can be achieved with the SuperFeed rotor intake system - handling all crop types with ease, whatever the conditions.



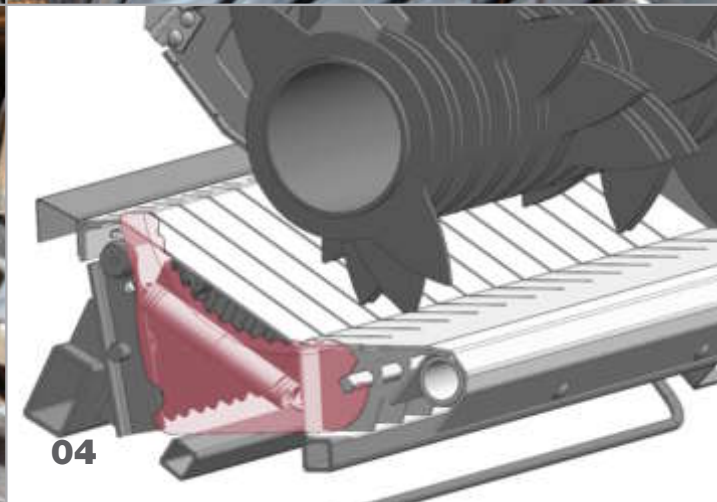
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01 Fork Feeder.

02 SuperFeed rotor intake.

03 SuperCut-14.

04 Individual knife protection of SuperCut-14.

05 SuperCut-25.

06 The new Massey Ferguson DropFloor.



RotaMaX: The best bale combination for well-shaped bales

The MF 225F offers a bale chamber designed with 6 rollers at the front and chain and slat at the rear part.

Bale size of 1.20 x 1.25m

The MF 225F offers a bale chamber designed with 6 rollers at the front and chain and slat at the rear part. The combined solution gives excellent crop handling in all conditions with consistent, high density bales in both wet and dry material.

Rear chains for dense core of the bale

The chains and slat of the rear section give an early and 100% regular bale rotation and hence faster bale formation leading to denser core of the bale. Even in very dry crops.

Front rollers for excellent bale finish and high density

The heavy duty rollers of the front section ensure a well-shaped bale finish and very tight bales.

Reduced crop loss

The chains in the rear section results in less crop loss compared to a full-roller concept. The tail gate has a completely enclosed design to reduce crop loss to a minimum, especially when operating in silage.



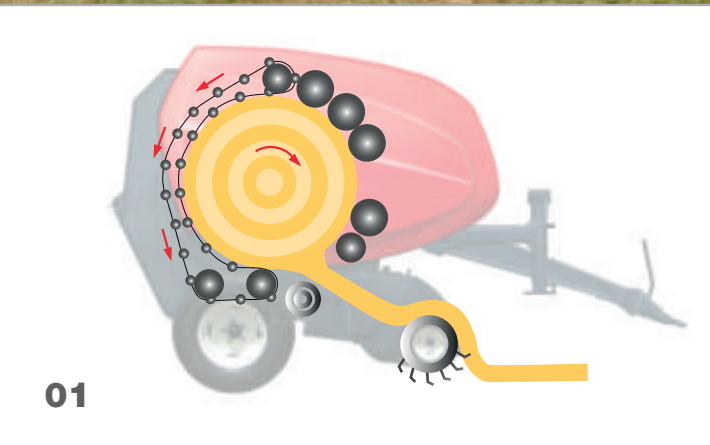
01 The Rotamax bale chamber concept.

02 Each roller is carried on heavy duty bearings.

03 The roller bearings are easily greased from the 6 central grease banks (MF 225F SuperCut-25 only).

04 The MF 225F bale chamber concept consists of rollers at the front...

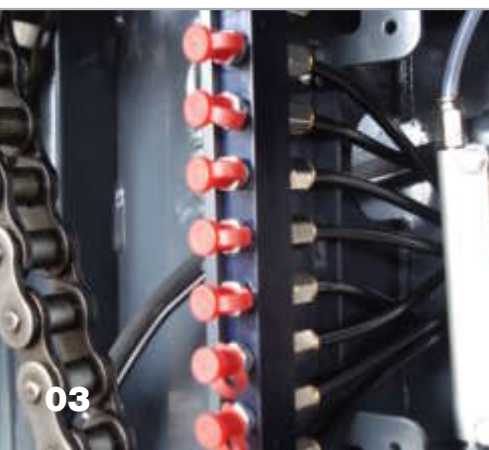
05 ...and chain and slat at the rear part.



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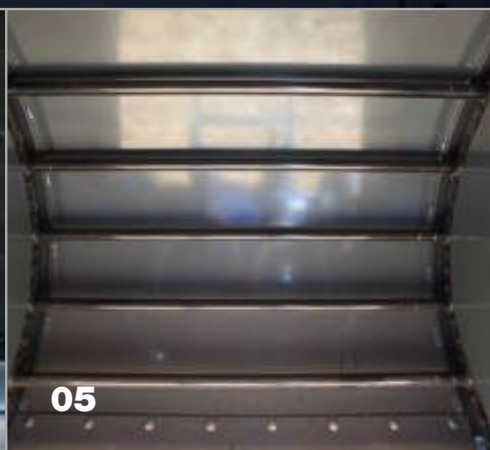
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Fast and efficient twine and net wrapping

You're sure to leave a field of great looking bales every time you finish a job.

Great looking bales - time after time

Massey Ferguson's front mounted net and twine systems ensure neat and tidy looking bales that are tightly wrapped. This ensures perfect storage and easy handling of the bales.

Twine tying

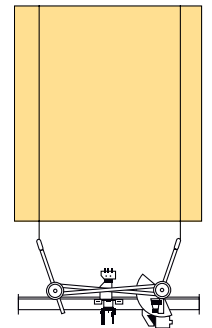
Automatic twine tying with the fast acting double tube system means simultaneous binding of both edges of the bale, keeping binding time to a minimum. Over crossing of twines in the centre of the bale provides no loose ends at the end of the binding cycle. The system is fully user programmable to make sure you make the best looking bales in all crop conditions.

Net wrap

Net is fed right to the outside of the bale, with a specially widened entry channel, which also allows extra wide net types to be utilised if required.

The very low loading height and the very easy threading of the system mean minimum downtime and maximum time baling. Storage for three rolls of net means you don't have to worry about running out of net when the pressure is really on during long working days.

The simple net wrap system allows the net to extend past the edge of the bale. The 1.30m net is wider than the baling chamber, so that the net can be pulled over the edge of the 1.20m bale. The result is consistent perfectly shaped and tightly secured bales.



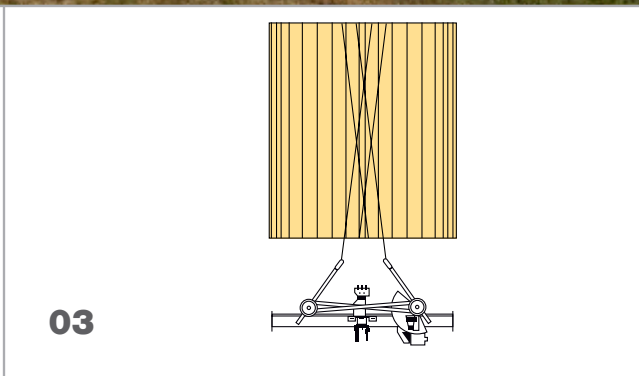
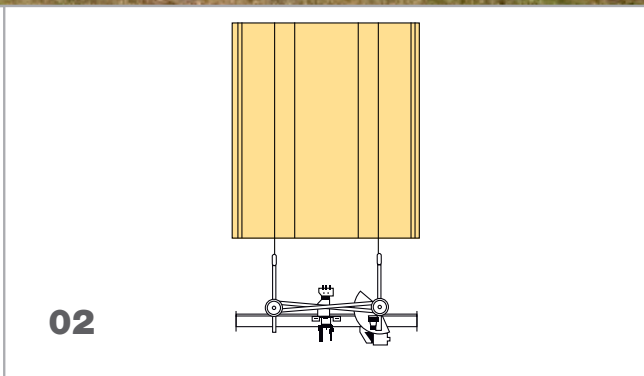
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01 Both outside
twines fed together.

02 Twine evenly
spaced across bale.

03 Twines crossed
over in centre - no
loose ends.

04 Twin tube fast
operating twine
binding system.

05 The binding and net roll
is positioned in a visible area
from the tractor cab.

06 Low loading
height for easy
change of net roll.

07 Convenient easy access
storage for net and twine
for long working days.

08 Perfectly shaped
net bale.

09 The net wrap system allows
the net to extend past the edge
of the bale.

Control terminal that helps you keep focus

The Focus terminal is easy to learn and very intuitive, with focus on functionality and operating simplicity.

The Focus control terminal

The Focus terminal is easy-to-use and very intuitive, with focus on functionality and operating simplicity. The Focus terminal is a universal control terminal which can also be used with other implements.

The Focus terminal gives you full control of all functions from the tractor cab. They are shown on a large and very clear digital display. The Focus terminal monitors and controls all necessary functions with all relevant parameters / information visible at a glance. The control box is also driving the binding automatically without any intervention from the operator.

The following functions are operated with the Focus control terminal:

- Bale diameter.
- Current bale diameter
- Bale shape is indicated by the terminal allowing the operator to adjust the driving pattern for optimal bale formation.
- Twine or net tying selection.
- Twine and net tying adjustment: number of net wraps, quantity of twine (on side, middle and center).
- Tying information during binding cycle.
- Manual or automatic tying control gives maximum control.
- Bale counter that can save up to 40 bale counts: huge possibility to record values from different fields.
- Hydraulic selection between pick-up, knives or drop floor function.



01



Heavy duty drive line

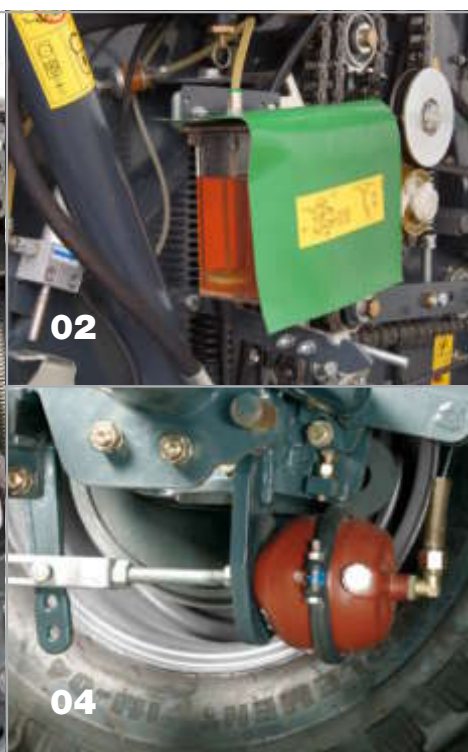
01 Main bale chamber drives are by heavy duty 1 1/4" pitch chain for a longer lifetime and reduced maintenance.

02 Automatic chain lubrication is standard on MF 225F with lubrication activated every time the tailgate is closed.

03 Bale ramp, ensures the bale rolls clear of the tailgate to avoid having to reverse after completing each bale.

04 Hydraulic or air operated brakes -safe and sure footed.

05 Several wheel/tyre options are available to suit different field conditions.



Specifications

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.

Weight and dimensions		225F	225F Rotor	225F SC14	225F SC14
Length	m	4.10	4.10	4.10	4.10
Width	m	2.52	2.52	2.52	2.52
Height	m	2.30	2.30	2.30	2.30
Weight	kg	2320	2620	2900	3400
Bale chamber					
Rollers/Slats	nb/nb	5/16	5/24	5/24	5/24
Diameter	m	1.25	1.25	1.25	1.25
Width	m	1.20	1.20	1.20	1.20
Bale ramp		○	○	○	○
Pick-up					
Working width	cm	200	200	220	220
Number of tine rows		4	4	5	5
Tine spacing	mm	60	60	60	60
Short crop device		Crop deflector		Roller crop press	
Pneumatic gauge wheels		●	●	●	●
AutoLevel Pick-up		-	-	-	●
Intake					
Fork Feeder		●	-	-	-
SuperFeed Rotor		-	●	-	-
SuperCut 14 knives		-	-	●	-
SuperCut 25 knives		-	-	-	●
Single knife protection		-	-	●	●
Knife group selection		-	-	-	●
Drop floor		-	-	●	●
Driveline					
11/4" chains		●	●	●	●
W-A PTO shaft		●	●	●	●
Shear bolt protection		●	-	-	-
Cam clutch protection		-	●	●	●
Binding					
Twine (double) / Capacity	m	●	●	-	-
Net / Capacity	m	○	○	●	●
Net & Twine / Capacity	m	○	○	○	-
Operations					
Focus		●	●	●	●
Hydraulic outlets		1SA+1DA+Return			
Wheels and Axles					
11.5/80-15		●	●	-	-
15.0/55-17		○	○	●	●
19.0/45-17		○	○	○	○
500/45-22.5		-	-	○	○
Hydraulic brakes		-	-	○	○
Pneumatic brakes		-	-	○	○
Others					
Drawbar		●	●	●	●
PTO	rpm	540	540	540	540
Min power req.	kW/hp	37/50	45/60	51/70	66/90

● = Standard

○ = Optional

- = Not available

MF 225F highlights

Here's a quick reminder of some of the superb features that Massey Ferguson balers have to offer, firmly enhancing their place within the harvesting sector.

-
- 01** 2.0 and 2.2 m pick-up with small diameter pick-up reel for fast and efficient throughput.
 - 02** SuperCut-25 knife cutting device with a chopping length of 40 mm.
 - 03** SuperCut-14 knife cutting device with a chopping length of 70 mm.
 - 04** High capacity SuperFeed rotor.
 - 05** Cost efficient fork feeder version.
 - 06** Drop Floor unblocking system.
 - 07** RotaMaX bale chamber concept with rollers and chain and slat.
 - 08** Chain and slats at the rear sections give a perfect bale rotation.
 - 09** Front rollers ensure well-shaped bales.
 - 10** Easy and simple loading of net roll.
 - 11** Simple and Intuitive control with the Focus terminal.