

FIXMASTER 119 • 230



EVOLVING AGRICULTURE

FIXMASTER 119, 230



DEUTZ-FAHR ROUND BALERS

DEUTZ-FAHR provides a complete program of innovative agricultural machines.

A high quality, reliability and well handling are very important features in the development of the DEUTZ-FAHR machines.

Field performance, bale quality and bale density are fundamental to the profitability of every baling operation.

Every minute counts when weather conditions are uncertain. The unique innovations on the DEUTZ-FAHR balers make a real difference in field performance.



DEUTZ-FAHR's Research & Development department is constantly improving the Round Balers to stay in front with innovations like: Integral Rotor Technology, IntelliWrap and PowerTrack.

DEUTZ-FAHR offers the most efficient and versatile range of balers available on the market.

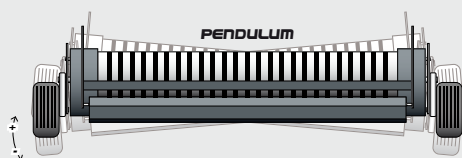
DEUTZ-FAHR balers are not only designed to produce top quality bales but are also built for unmatched reliability.

THREE DIFFERENT INTAKE SYSTEMS

Pick-Up

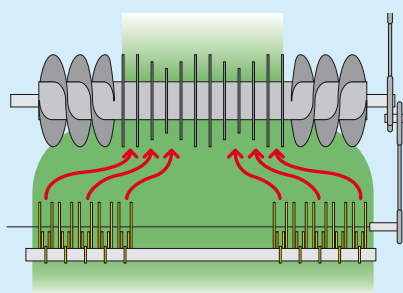
The new designed Pick-Up gathers the densest of swaths even at high forward speeds. The PENDULUM system and 2.30 m wide intake with height adjustable guide wheels accurately carry the Pick-Up over every ground contour.

The Pick-Up roller helps to even out the flow of material into the integral rotor, regardless of the crop conditions.



Integral Rotor Technology

The large diameter rotor on the MP 230 has heavy duty auger flighting which is integrated directly onto the outer sections of the rotor. This system is called Integral Rotor Technology. This maintenance-free and short distance intake system ensures even feeding regardless of variations in the crop. With this system, even the heaviest of crops are force-fed through the intake, resulting in higher forward speeds for outstanding productivity.



OPEN THROAT (1)

With the OPEN THROAT design, there is no restriction on the crop as it feeds into the baler. (MP 119 only)

OPTIFEED (2) & OPTICUT 14 (3)

Where chopping is not required, the OPTI-FEED Integral Rotor will feed the crop directly into the bale chamber. The FM 230 can also be equipped with a cutting device, named OPTICUT 14. The 14 knives cut the crop to a maximum of 70 mm. Each single knife is spring protected against damage. When the obstruction is passed the knife will automatically return to its cutting position.



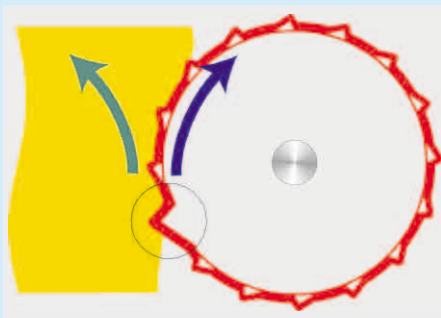
DROP-FLOOR

The intake unit is protected by the main PTO clutch. If a blockage occurs the PTO clutch is automatically activated. In addition the complete cutting floor including the knives can be lowered. First the cutting floor will be lowered automatically followed by the knives. After the blockage is cleared the cutting floor including the knives can be brought back into the working position. In extreme circumstances DEUTZ-FAHR provides double security by rotor disengagement clutch which separates the rotor drive so the bale can be finished.



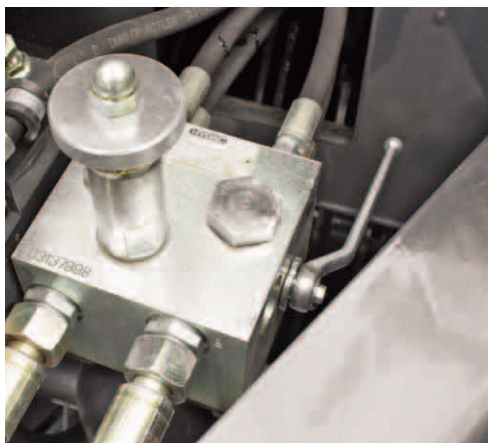
Bale chamber

Producing many silage, hay and straw bales each season an extremely tough and well thought-out design is demanded. To compress the crop into bales with a consistent size and density, the baling process has to be as effective as possible while being gentle on the crop. The 14 BaleTrack rollers equipped with a unique ribbed profile provide optimal traction and compression. Together with PowerLock the DEUTZ-FAHR Fixed Balers exceed the requirement in every aspect.



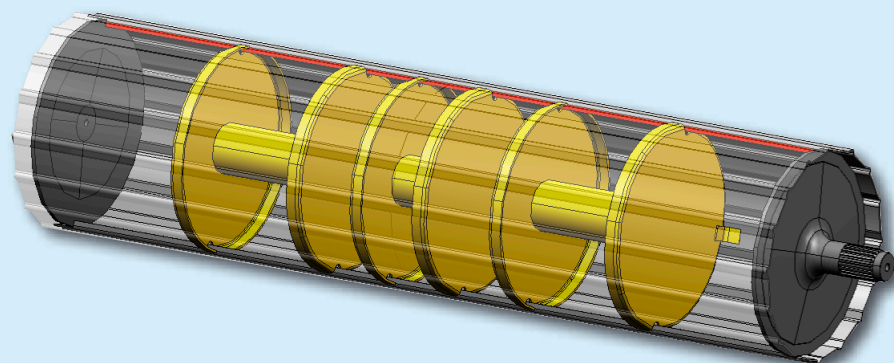
PowerLock

Strong rear door hydraulic cylinders work in combination with a hydraulic lock valve to produce maximum bale density. The accumulator levels off peak loads on the rear door and automatically protects for overloading. For those who need diverse bale densities the pressure can be manually set to a maximum of 170 bar.



PowerTrack

The 14 steel rollers with an asymmetrical profile ensure a reliable bale rotation without stoppages. The high-grade steel rollers are constructed from two overlapped pressed sections which are then fully seam-welded for maximum rigidity. Radial support rings located inside each roller create additional strength, while the end plate and roller stub shafts are forced in one piece.



Driveline

Each roller has heavy duty bearings and are bolted onto the side walls of the bale chamber for easy access and maintenance. The FM 230 has an automatic cam clutch protection on the PTO drive shaft.



FIXMASTER BINDING SYSTEMS



The binding cycle is crucial during baling. Less time needed for binding means a higher output. To optimise this process, main adjustments can be done via the AutoPlus control box. The number of wraps can be pre-set. On the DEUTZ-FAHR Fixed Balers the binding is placed at the front of the machine, resulting in a perfect view on the binding process from the tractor seat. Changing the net roll can easily be done standing safely on the ground next to the machine.

AutoPlus

The in-cab control box provides clear and easy to read information and gives full command of the baling process. An audible and visual alarm signals when the bale is ready. A choice in automatic or manual start of the tying process can be preselected. Adjustments like the number of netwraps are easily controlled from the tractor seat. AutoPlus also provides a daily and total bale counter. With the integral magnet and hook on the backside, the control box easily can be installed in each tractor cab without any tools.



Net binding

The optional net binding provides the bale with a clean and tidy net wrap from edge to edge. The net is fed into the front of the bale chamber to secure an even and direct start. A second net roll storage guarantees enough net supply for a long working day. When needed, the FM 230 also can be equipped with a combination of twine- and net binding.

Twine binding

The twine binding cycle can be monitored via the AutoPlus control box but from the tractor seat there also is an excellent view on the binding process. By use of the double twine binding system the binding cycle time is reduced to a minimum. In the twine binding cycle both of the twines start at the bale centre and overlap itself and then move to the edges of the bale. Then the twines are moving gradually to the centre of the bale again. The twines are intertwining at the final stage to secure that the twines are fixed and there are no loose ends.



Designed for harvesting success

The ability to deliver performance and profitability are key features of DEUTZ-FAHR balers. Nowhere is this more visible than with the FixMaster round baler range. Features like the Integral Rotor, PowerTrack and the AutoPlus controlsystem are just a few examples of how DEUTZ-FAHR fixed chamber balers can bring your baled silage to a optimum level.



MP 119

- OPEN THROAT
- 1.67 m Pick-Up
- PowerTrack
- AutoPlus



FIXMASTER 230

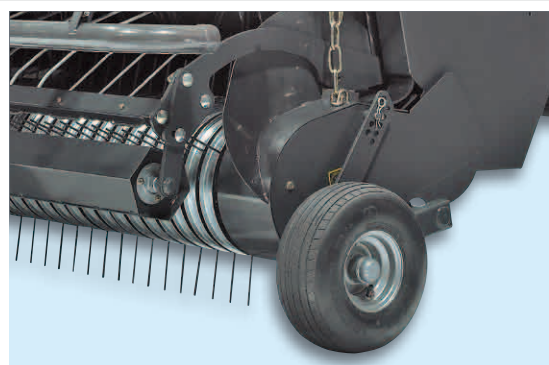
- OPTIFEED/OPTICUT
- 2.30 m Pick-Up
- PowerTrack
- AutoPlus



Several hitch options and a reversible drawbar



Greasable roller bearings



Pick-Up wheels



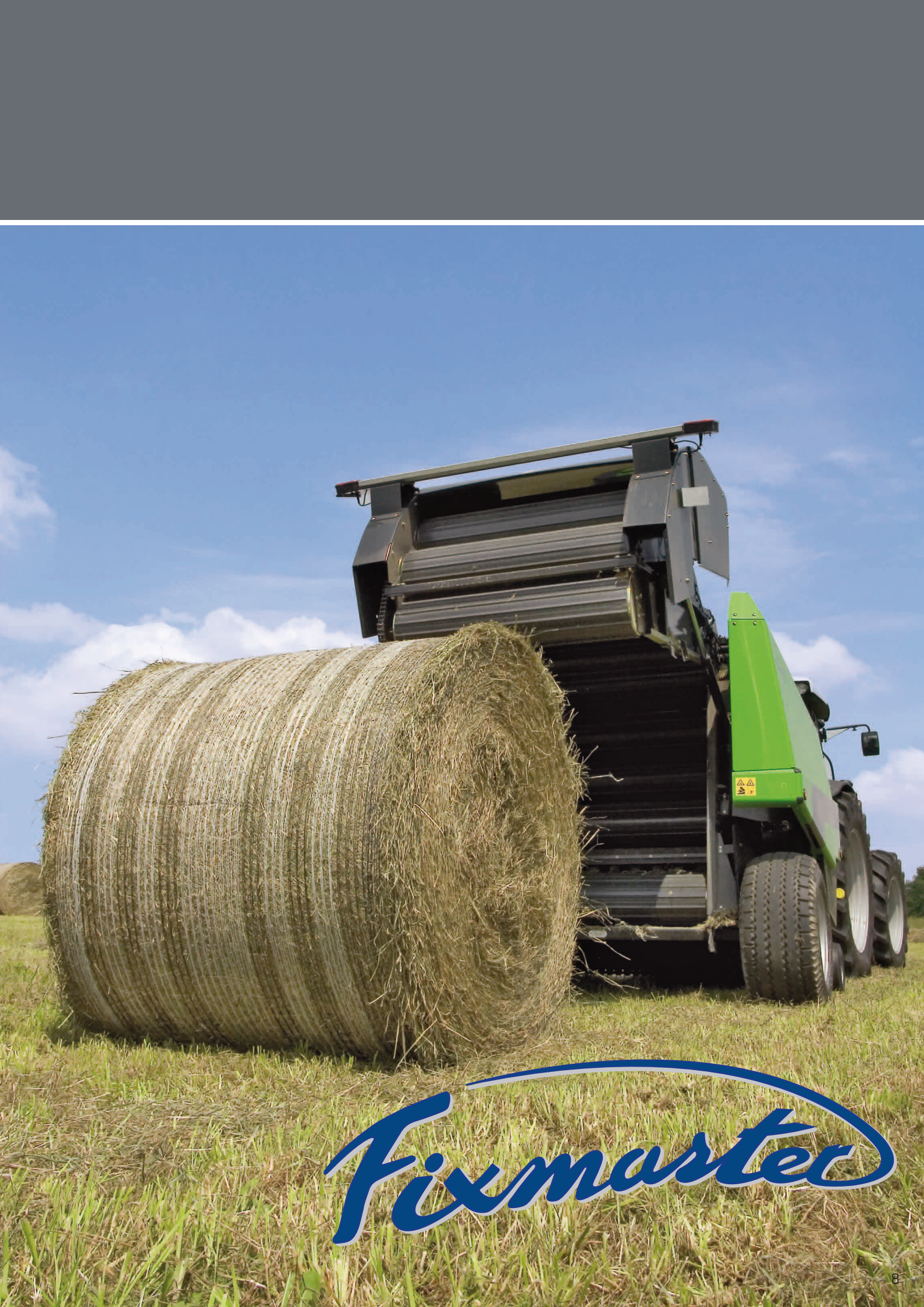
Chain oiler



Bale ramp



Different sized wheels



Fixmaster

SPECIFICATIONS

SPECIFICATIONS		MP 119	FIXMASTER 230 OPTIFEED	FIXMASTER 230 OPTICUT 14
Dimensions				
Length	m	4.43	4.43	4.43
Overall width	m	2.35	2.48	2.48
Overall height	m	2.21	2.28	2.28
Overall weight	kg	1950	2800	2950
Pick-Up				
Pick-Up width	m	1.67	2.30	2.30
Baffle plate		○	○	○
Pneumatic-tyred gauge wheels		○	■	■
Integral Rotor				
Integral rotor		-	■	■
Knife protection		- / -	- / -	14 / Spring per knife
Rotor disengagement				
Mechanical / Hydraulic		-	-	■ / ○
Bale chamber				
No. of rollers with ribbed profile		14	14	14
Bale chamber diameter		1.25	1.25	1.25
Bale chamber width (m)		1.22	1.22	1.22
PowerLock density control system		■	■	■
Bale ejection ramp		○	○	○
Drive line				
PTO shaft with shearbolt		■	-	-
PTO shaft with cam-type slip clutch		-	■	■
Operation				
Control box		AutoPlus	AutoPlus	AutoPlus
Wrapping system				
Twine capacity		■ / 4	■ / 4	■ / 6
Net capacity		○ / 1+1	○ / 1+1	○ / 1+1
Twine & net capacity		-	○ / 4+1	○ / 6+1
Anhängevorrichtung / Bremssystem				
Top & bottom hitch		■	■	■
Hydraulic / Pneumatic brakes		- / -	- / -	○ / ○
Tyres				
11.5 / 80-15		■	■	■
15.0 / 55-17		○	○	○
19.0 / 45-17		-	○	○
■ = standard equipment ○ = optional equipment - = not available				

SURE AND SAFE WITH ORIGINAL DEUTZ-FAHR SERVICE AND PARTS



Original service is wise

Only your DEUTZ-FAHR specialist dealer knows your machine inside and out. Only your dealer has regularly trained mechanics and experts on call. Only dealers have the special tools and diagnostic equipment required for competent diagnosis and inspection. All this gives you peace of mind – without doubt.

Original parts make good sense

As you placed your trust in the original machine, we recommend you use original parts when required.

Only these comply with the high quality and safety standards of DEUTZ-FAHR and ensure correct function and operation without problems – guaranteed.

DEUTZ-FAHR lubricants

We recommend genuine DEUTZ-FAHR lubricants. The outstanding quality of this product range, which is made exclusively for DEUTZ-FAHR, ensures that your machine always receives exactly what it needs.



Your DEUTZ-FAHR dealer will be pleased to answer your questions:

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