Fixed Chamber Round Balers

FB

119 / 2130

www.KuhnNorthAmerica.com



Invest in Quality®

KUHN FIXED ROUND BALERS
SIMPLE & EASY TO USE!

THE QUALITY YOU'RE LOOKING FOR

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 KUHN balers make a real difference in field performance.

UNMATCHED RELIABILITY

KUHN offers the most efficient and versatile range of balers available on the market. KUHN balers are not only designed to produce top quality bales but are also built for unmatched reliability.

STAYING IN FRONT WITH NEW INNOVATIONS

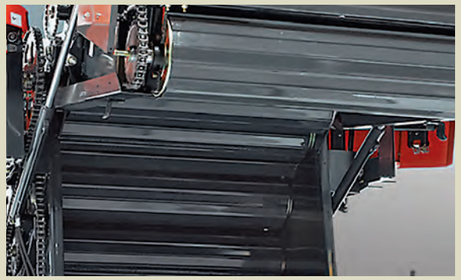
KUHN's Research & Development department is constantly improving the round balers to stay in front with innovations like: PowerTrack, Integral Rotor Technology and Drop Floor.

FIXED CHAMBER ROUND BALERS
FB
in brief:

Models	Pickup Width	Bale Diameter Min. & Max. (Inches)		Bale Size
FB 119 Open Throat	66"	48"	49"	4x4
FB 2130 OptiFeed	91"	48"	49"	4x4
FB 2130 OptiCut 14	91"	48"	49"	4x4

POWERTRACK

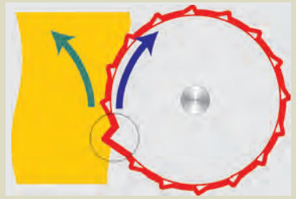


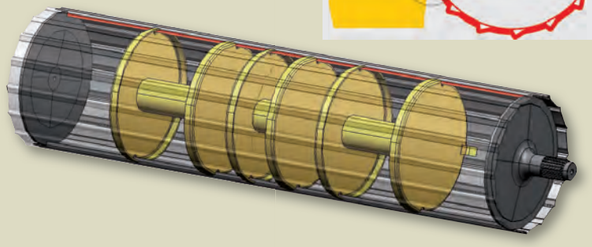


POWERTRACK
The 14 steel rollers with an asymmetrical profile ensure a reliable bale rotation without stoppages. The PowerTrack rollers start to rotate the core of the bale as fast as possible to ensure maximum compression.

Thanks to the asymmetrical profile maximum rotation, traction and compression is assured for producing solid bales.

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 creates additional strength, while the end plate and roller stub shafts are forged in one piece.

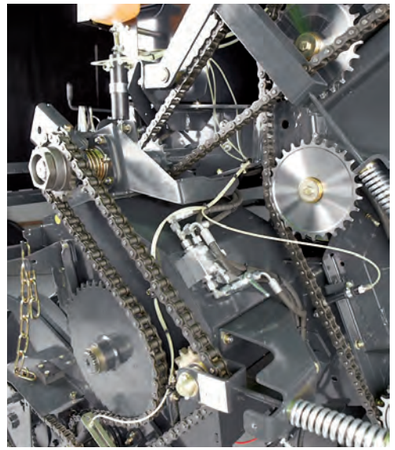




BALE CHAMBER



BALE CHAMBER
Producing silage and hay bales each season can be tough and well thought-out designs are 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 PowerTrack rollers equipped with a unique ribbed profile provide optimal traction and compression. Together with PowerLock the KUHN 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 from overloading. For those who need diverse bale densities the pressure can be manually set to a maximum of 2,465 PSI.

DRIVELINE
Each roller has heavy-duty bearings and are bolted onto the side walls of the bale chamber for easy access and maintenance. The FB 2130 has an automatic cam clutch protection on the PTO drive shaft.

EASY AND RELIABLE

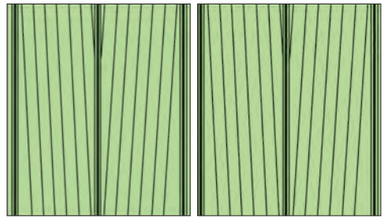


TWINE SYSTEM

Use of the double twine tying system reduces the tying cycle time to a minimum. The twine system can be easily programmed with a preselected choice or you can customize your own settings with the baler monitor from the tractor seat.

During the tying process, both twines start at the bale center and overlap themselves, then move to the edges of the bale. Then, the twines gradually move back to the center. At the final stage, the twines overlap to ensure that they are tied and there are no loose ends.



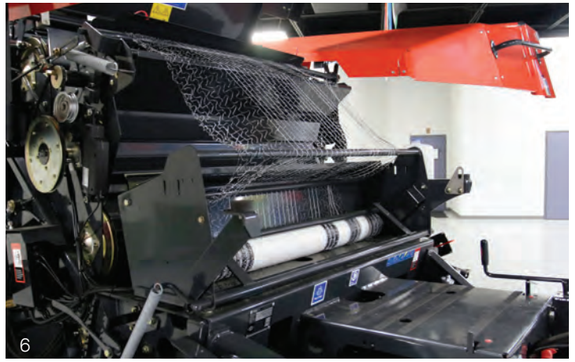


Center twines overlap

No loose ends at edge of bale

NET WRAP SYSTEM

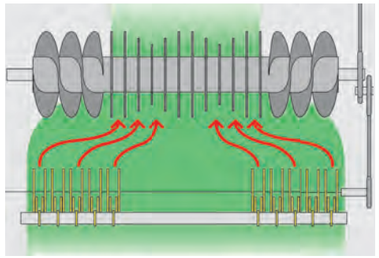
The net wrap system provides the bale with a tight and even wrap from edge to edge. The net is fed into the front of the bale chamber to secure an even and direct start. A second net roll storage guarantees sufficient net supply for a long working day.



HIGH PERFORMANCE AND LOW MAINTENANCE

INTEGRAL ROTOR TECHNOLOGY

The large diameter rotor on the FB 2130 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.





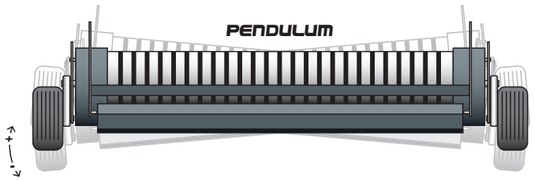
PICKUP

The newly designed pickup gathers the heaviest of windrows even at high forward speeds. The pendulum system and 91" wide intake with height adjustable guide wheels accurately carry the pickup over every ground contour. The pickup roller helps to even out the flow of material into the Integral Rotor, regardless of the crop conditions.

OPTIFEED & OPTICUT 14

Where chopping is not required, the OptiFeed Integral Rotor will feed the crop directly into the bale chamber. The FB 2130 can also be equipped with a cutter, the OptiCut 14. The 14 knives cut the crop to a maximum of 2.75". Each single knife is spring protected against damage. When the obstruction is passed the knife will automatically return to its cutting position.





OPEN THROAT

With the open throat design with 66" pickup, there is no restriction on the crop as it feeds into the baler.





DROP FLOOR

The intake unit is protected by the main PTO clutch. If a plug 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 plug is cleared, the cutting floor, including the knives, can be brought back into the working position. In extreme circumstances KUHN provides double security by rotor disengagement clutch which separates the rotor drive so the bale can be finished.



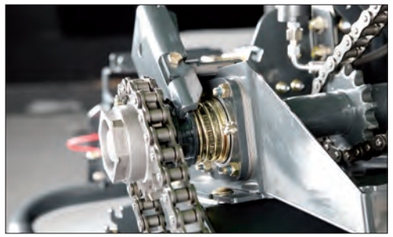
91" WIDE PICKUP



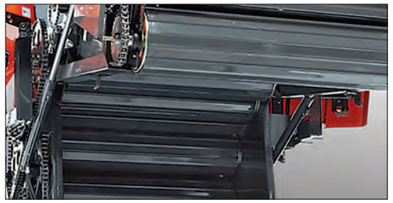
NEW ROTOR DESIGN



DROP FLOOR

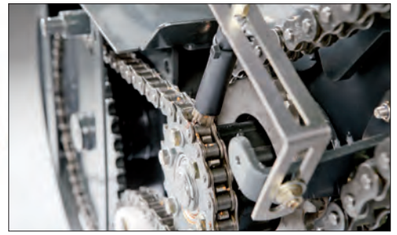


ROTOR CLUTCH



POWERTRACK





CHAIN LUBRICATION



BALE RAMP



TWINE SYSTEM



NET WRAP SYSTEM

KEY FEATURES OF BALING TECHNOLOGY

NEW INTEGRAL ROTOR DESIGN
For maximum capacity and improved cutting quality.

DROP FLOOR
With single knife protection on machines with cutter.

ROTOR CLUTCH
To disengage feed rotor from driveline to finish the tying/wrapping cycle in case of an extreme plug. Standard mechanically operated, optional hydraulically operated. In combination with the new Drop Floor system this generates double security.

POWERTRACK
14 steel rollers with an asymmetrical profile ensure a reliable bale rotation without slippage.

CHAIN LUBRICATION
Chain lubrication and greasable roller bearings as option available. The roller bearings can be greased from four conveniently reachable grease banks.

BALE RAMP
To maximize capacity when wrapping with net wrap. This creates the ability to open the tailgate, drop the bale and close the tailgate all at the same position.

TWINE OR NET WRAP SYSTEMS
Two configurations of binding systems possible: twine or net.

ELECTRONICS



AT-10 MONITOR

The in-cab monitor 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 net wraps are easily controlled from the tractor seat. AT-10 also provides a daily and total bale counter. With the integral magnet and hook on the backside, the monitor can easily be mounted in the tractor cab without any tools.



OPTIONS









1. Multiple tire sizes 2. Bale ramp 3. Greasable roller bearings 4. Chain oiler

Model Specifications

	FB 119 OPEN THROAT	FB 2130 OPTIFEED	FB 2130 OPTICUT 14
Baler Dimensions			
Overall Length	14'6" (4.43 m)	14'6" (4.43 m)	14'6" (4.43 m)
Overall Width	7'9" (2.35 m)	8'1" (2.48 m)	8'1" (2.48 m)
Overall Height	7'3" (2.21 m)	7'6" (2.28 m)	7'6" (2.28 m)
Total Weight	4,300 lbs (1,950 kg)	6,173 lbs (2,800 kg)	6,504 lbs (2,950 kg)
Pickup			
Full Pickup Width	66" (1.67 m)	91" (2.3 m)	91" (2.3 m)
Pickup Roller	Optional	Standard	Standard
Pneumatic-Tired Gauge Wheels	Optional	Standard	Standard
Rotor			
Integral Rotor	–	Standard	Standard
Knives / Knife Protection	– / –	– / –	14 / Spring
Rotor Disengagement	–	–	Mechanical Standard, Hydraulic Optional
Bale Chamber			
Number of Rollers with Ribbed Profile	14	14	14
Bale Size	4x4	4x4	4x4
Bale Chamber Diameter	49" (1.25 m)	49" (1.25 m)	49" (1.25 m)
Bale Chamber Width	48" (1.22 m)	48" (1.22 m)	48" (1.22 m)
PowerLock Density Control System	Standard	Standard	Standard
Bale Ejection Ramp	Optional	Optional	Optional
Drive Line			
PTO Shaft with Shear bolt	Standard	–	–
PTO Shaft with Cam-Type Slip Clutch	–	Standard	Standard
Operation			
Terminal	AT-10	AT-10	AT-10
Wrapping System			
Twine / Capacity	Standard / 5	Standard / 5	Standard / 5
Net Wrap	Optional	Optional	Optional
Hitching System and Axles			
Clevis Hitch	Standard	Standard	Standard
Hydraulic / Pneumatic Brakes	– / –	Optional / Optional	Optional / Optional
Tires			
11.5 / 80-15.3	Standard	Standard	Standard
15.0 / 55-17	Optional	Optional	Optional
19.0 / 45-17	–	Optional	Optional



GENUINE KUHN PARTS®

No part better fits a KUHN machine than an original KUHN part

Here at KUHN, we produce spare parts built to last in our very own foundries, our forges and our ultra-modern production facilities. You can trust in our longstanding know-how, based on almost two centuries of experience. With KUHN Parts, you can be assured of the highest quality parts and customer service in the agriculture equipment industry. Seven distribution centers, located strategically throughout North America, ensure that KUHN, KUHN Knight and KUHN Krause dealers have access to parts and assistance so you can get back in the tractor.



FIXED CHAMBER ROUND BALERS FB 119 / FB 2130

COMPLEMENTARY PRODUCTS

MORE PRODUCTS TO MEET YOUR NEEDS

With over 700 models of equipment, we have the most complete implement line in the industry. Whether you have a small or large operation, we have a broad range of models and options to help fit your diverse needs.



1. Wheel Rakes
2. Mower Conditioners
3. Square Balers
4. Bale Wrappers
5. Bale Processors
6. TMR Mixers

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