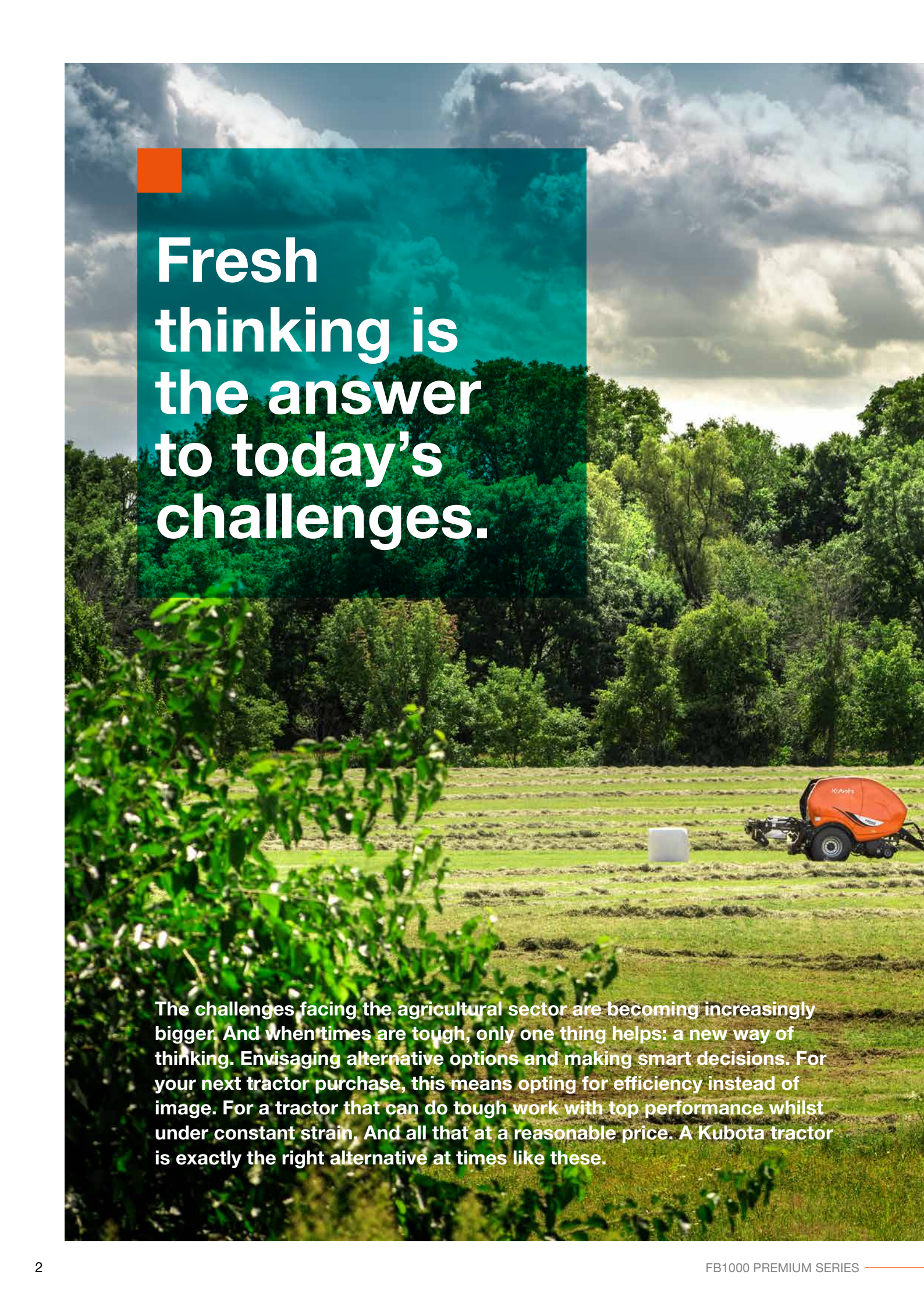


For Earth, For Life
Kubota

FB

**KUBOTA
FB1000 PREMIUM SERIES**





Fresh thinking is the answer to today's challenges.

The challenges facing the agricultural sector are becoming increasingly bigger. And when times are tough, only one thing helps: a new way of thinking. Envisaging alternative options and making smart decisions. For your next tractor purchase, this means opting for efficiency instead of image. For a tractor that can do tough work with top performance whilst under constant strain. And all that at a reasonable price. A Kubota tractor is exactly the right alternative at times like these.





#Highlights

The new standard in baling and wrapping

Forget the stop-start tedium of round baling. With its unique dual chamber design, FB1000 Premium keeps on baling when other machines are stopped. Kubota FB1000 Premium at a stroke renders all other baler-wrappers obsolete. A host of new technology and techniques are introduced by Kubota FB1000 Premium. Each one designed to increase productivity and reduce stress during your working day.



FB1000 Premium

With its unique combination of abilities, FB1000 Premium offers a truly flexible solution for all of your baling and wrapping requirements, while simultaneously increasing operator comfort and productivity to new levels.

Bale chamber size:
1.23m wide x Ø1.22m
Number of rollers: 17 main chamber, 14 pre-chamber (11+3 rollers shared)
Bale size: Ø1.25 - 1.27m
Pre-copping system: Supercut
25 knife, manual selection
6/12/13/25
Binding: Net wrap







FB1000 Premium: product improvements

The innovative non-stop baling breakthrough technology reaches the next level of development.

We can all recognize maturity and experience when we see it:

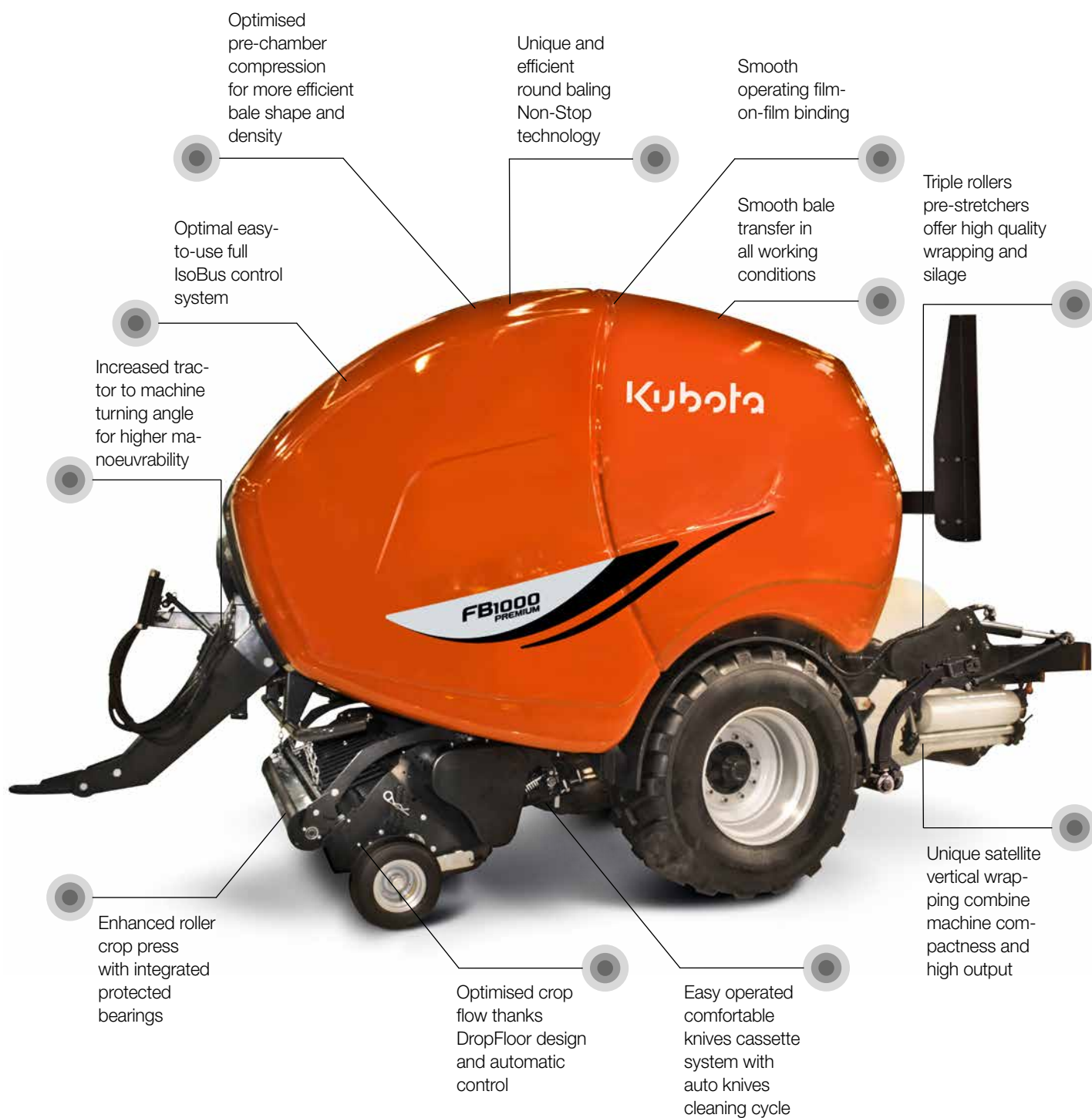
Smooth operation and high reliability during daily work is key expectation for every user. Hand in hand with ease of service and new solutions, it simply aims for “easier customer life”!

Push the limit of baling and wrapping to the next level!

FB1000 Premium brings enhanced functional reliability across a wide variety of conditions. Smart yet durable solutions are ensuring cost-effective operations at a higher level of productivity. An easier-to-use solution, offering superior intake capacity and bale formation.

FB1000 Premium features product news and improvements:

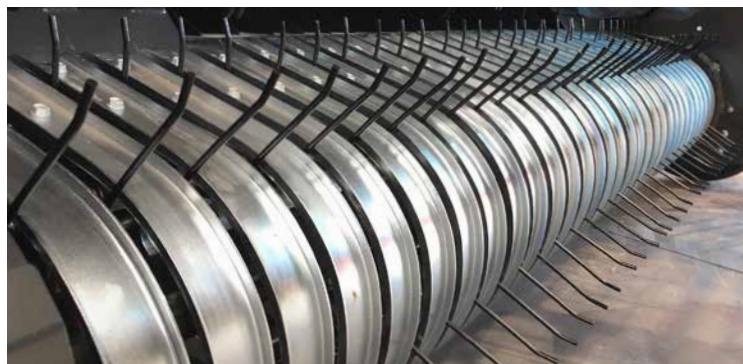
A range of enhancements, including structural upgrades, more precise wrapping, reduced crop pollution... all serve to boost the machine's stability and performance. Meanwhile, new solutions such as a new knife cassette system, an upgraded pick-up and a clearer user interface are just some of the new features which make FB1000 Premium match your needs!





Top quality bales: Consistently good results

FB1000 Premium's unique twin chamber concept produces bales of outstanding quality. The incoming crop flow is first directed into the pre-chamber, where it is fully compressed. Once the pre-chamber is full, the incoming crop flow is then directed to the main bale chamber and simultaneously the pre-compressed crop from the pre-chamber is also transferred to the main bale chamber. The bale is then fully formed in the main chamber until the required density is reached. This unique double compression of the crop results in bales of superior density compared to those produced by conventional balers.



2.2m extra wide updated pick-up

FB1000 Premium's pick-up is equipped with 5 tine bars, with each bar supported by two intermediate bearings, while a cam track at both ends reduces cam loadings by 50%, giving assured long term durability.

A unique internal drive system keeps overall width to a minimum, with the result that pick-up guide wheels do not need to be removed or folded for transport, reducing unproductive time between jobs.

Hardox® is a registered trademark of SSAB Technology AB, Sweden.



Equipped with 50 Hardox® tines, FB1000 Premium has unrivalled intake capacity. Close mounting of the pick-up to the rotor eliminates any dead areas when working in short crops.



The new roller crop press has been redesigned with stronger support arms, revised limit stops, and a new internal bearing arrangement to prevent crop wrapping.



#Pick-up

FB1000 Premium features news and improvements

Kubota FB1000 Premium has taken a series of enhancements to improve its structural integrity, wrapping precision, and reduce crop pollution. These advancements have collectively heightened the machine's stability and performance, making it a reliable and efficient piece of equipment. Additionally, reducing crop pollution has contributed to its environmental friendliness, making it a more sustainable option.



New features

FB1000 Premium has new upgrades, including an improved pick-up, a user-friendly interface, and a customizable knife cassette system.

These new features have been designed to provide a superior baling experience, allowing for increased efficiency and productivity. Our continued commitment to innovation ensures that FB1000 Premium offers profiling solutions to meet the evolving needs of our valued customers.



Smart knife exchange system

The Extractable knife cassette system is now hydraulically/electronically controlled, minimising knife exchange time for operators. The complete knife exchange requires a three-step procedure with effortless manual operation.

The Drop floor safety function and knife cleaning function are fully controlled by the software to ensure chopping quality and knife protection at all times during baling.



The 25-knife SuperCut chopping system features group selection giving a choice 6, 12, 13, 25 knives to match all conditions, all backed up with the security of a drop floor in case of blockage.





Smart wrapping concept

Twin satellites wrapping at up to 50rpm give FB1000 Premium class leading wrapping capacity. With their unique horizontal mounting position they avoid crop build-up associated with many traditional systems.

Fast & stable wrapping platform

The wrap-around rear frame also eliminates any possibility of bales rolling off the wrapper when working on steeply sloping land.

Film cut and hold utilises the 'gather and cut' principle, which reduces stress on the film and provides more reliable start-up at the beginning of the next cycle.

Wrapped bales are discharged by raising the rear roller. This gentle action drops the bales with no rolling momentum, minimising the possibility of film damage, while also reducing the risk of bales rolling away when working on sloping land.



FB1000 Premium non-stop technology brings added benefits when working with Film-on-Film

Conventional baler-wrappers have to stop to apply the net to the bale, which takes at least 5 seconds, plus more time to open/close the tailgate. Wrapping with net replacement film needs more wraps due to the 'tail' which has to be formed at beginning and end of cycle.

This results in the binding cycle taking over 10 seconds – so at least 5 seconds extra spent stationary for every bale made. FB1000 Premium continues baling during binding so all of this time is saved.

Switching from film to net requires no mechanical adjustment, other than to change the roll over, different stretch ratios can be easily selected on the control terminal by the operator.

Did you know?

Did you know that Kubota is not only one of the top-50 most recognised brands in Japan, but also one of the largest tractor manufacturers in the world? In 2014 alone, Kubota produced more than 180,000 tractors.



Film on Film

FB1000 Premium is available with a film-on-film option. Benefits of this technique include improved silage quality, easier handling and feeding out of bales and simpler recycling of plastic waste.





Compact size – Easy transport!

Despite its non-stop capability FB1000 Premium's extremely efficient packaging makes it very compact. Its small size is a huge advantage for ease of transport. With a class-leading transport width of only 2,76m* FB1000 Premium has more compact overall dimensions than its main competitors.

* With 600/55-26.5 wheels





Short overhang – easy field access

The innovative wrapping system breaks new ground for compactness. During transport, the rear roller and satellites are folded to the vertical position, considerably reducing overall length, while all wrapping elements are safely clear of any obstructions. Film rolls are also protected during transport by the satellite arms. The minimal tail swing allows easy access to even the tightest fields and gateways.





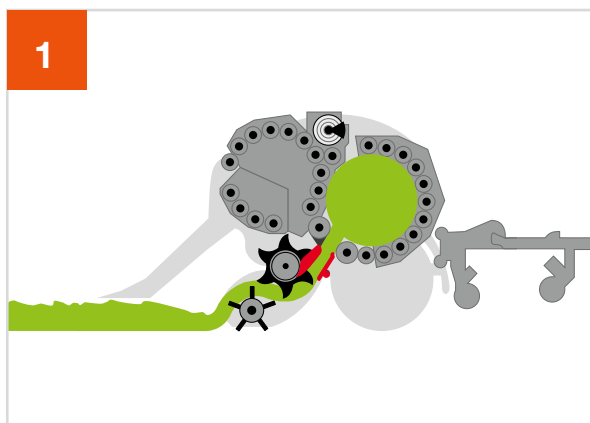
Non-Stop: How it works

FB1000 Premium features two bale chambers – a full sized main chamber and a pre-chamber which is about two thirds of the size of the main chamber.

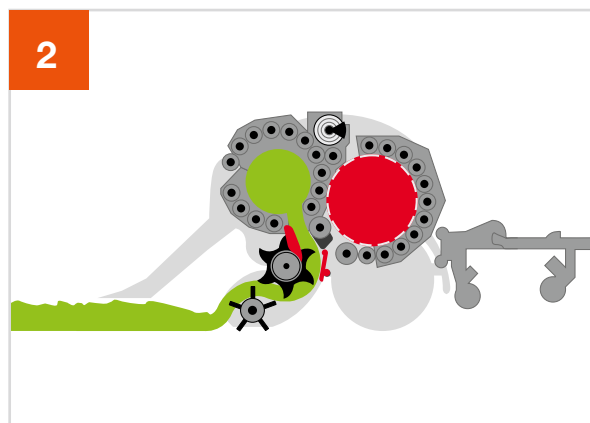
How it works

Baling starts in the conventional manner with the main chamber producing the first bale. However, once the bale is fully formed, instead of having to stop to apply the net, FB1000 Premium diverts the crop flow to the pre-chamber.

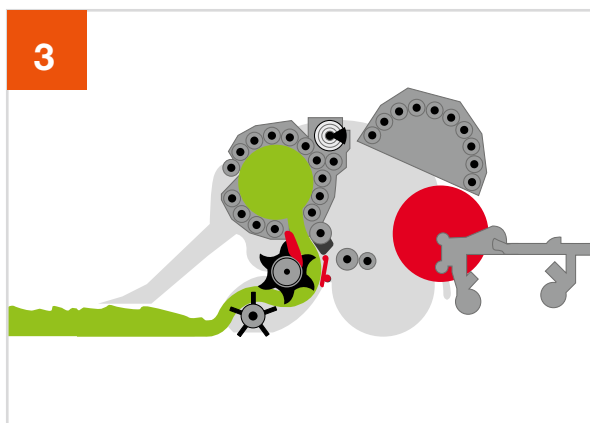
This allows the net to be applied to the bale in the main chamber and for the bale to be ejected onto the wrapper. When the pre-chamber is full, the incoming crop flow, together with the pre-compressed crop are both then transferred into the main bale chamber. Here the bale is formed to its final size and density.



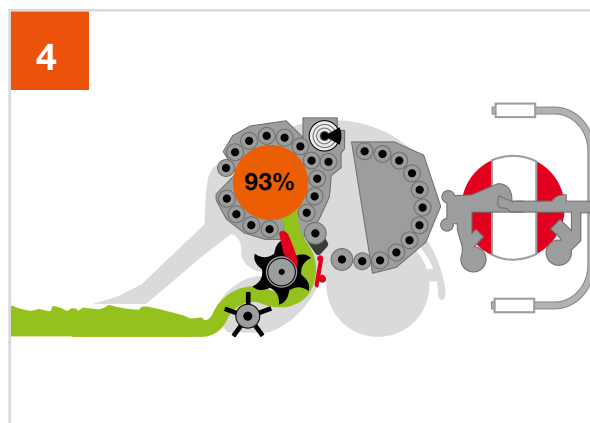
The bale is formed in the main bale chamber in the conventional manner until the required density is reached.



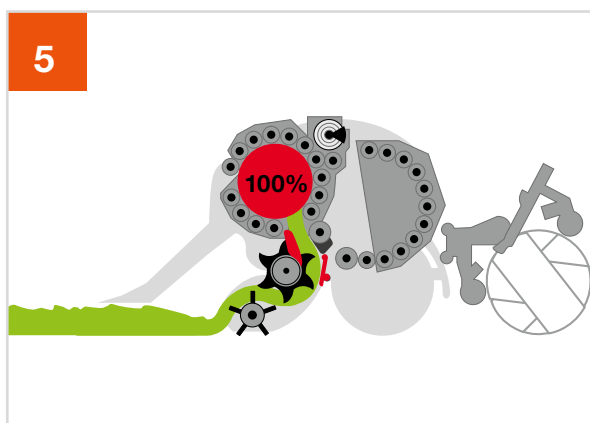
When the bale is fully formed, the crop flow is diverted to pre-chamber, while net is applied to the completed bale.



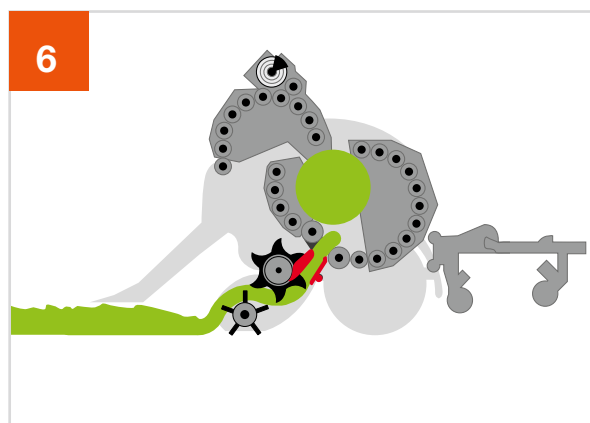
The tailgate opens and the completed bale rolls directly on to the wrapper by gravity.



The wrapper is raised to its working position and wrapping commences.



Crop flow continues to fill the pre-chamber until the pre-set density is reached.



Crop flow and pre-compressed crop are transferred to the main bale chamber.



#Bale transfer

Smooth bale transfer

FB1000 Premium eliminates transfer systems seen on other baler-wrapper combinations. Completed bales are discharged directly from the bale chamber onto the wrapper, reducing complexity and speeding up the process.





Did you know?

Did you know that Kubota is an ISOBUS pioneer? The Kubota company Kverneland Group invented ISOBUS technology. And incidentally: Kubota is also leading the industry in AEF certified ISOBUS compatibilities



With the bale on the wrapper, it is then raised allowing the twin satellites to wrap the bale.





#Net/film loading



FB1000 Premium: Operator convenience



Easy loading net system

FB1000 Premium is equipped with a hydraulically operated net roll lifting device, providing easy loading. The net cradle lifts the roll to the correct position, it then simply slides into the net system. The device also conveniently stores a spare roll of net.



10 roll capacity

Two rolls of film in use, with on machine storage for further eight rolls.



Convenient film roll changeover

Simple film roll loading using the remote slow speed satellite rotate button. Both rolls can be changed while standing in the same position.





#Bale turning

Smart baling turning solution

Compact bale turner

The optional bale turner utilises the lifting action of FB1000 Premium's rear wrapper frame to turn the bale while still on the move, maintaining the non-stop capability of FB1000 Premium.

This ingenious option is very compact – during the bale wrapping process the bale turner is stowed under the front wrapper roller.

This smart solution also means the bale turner does not need to be folded away manually prior to road transport, once again reducing downtime and operator effort. If the bale turner is not required, it can be left in place and simply locked in its parked position with the operating link disconnected, allowing bales to be discharged in the conventional manner.







Driveline & maintenance

FB1000 Premium incorporates a heavy duty driveline designed to provide long term durability over many thousands of bales.

Heavy duty driveline

FB1000 Premium incorporates a heavy duty driveline designed to provide long term durability over many thousands of bales. FB1000 Premium is equipped as standard with 1000rpm PTO input speed, reducing torque loading on your tractor PTO clutch.

Bale chamber drives feature 1¼" pitch chains, while the rotor drive is equipped with a 1¼" Duplex chain.

All rollers are specified with 50mm diameter bearings, with double-row roller bearings on the drive side.





New drawbar.

Introducing the new Premium-designed drawbar!

The newly designed drawbar is designed to sustain heavy stress in all field conditions.

The new shape allows a better-turning angle in small fields and tight headlands. The new shape allows the driver to do all maneuvers easier and safer. The robust design and unique shape come with a more extensive access area to the gearbox for easier and faster PTO exchange, hydraulic hose access, and maintenance.

Regardless of whether a tractor is equipped with a high or low hitch point, the drawbar can be adapted for all kinds of tractors without affecting any operational aspects.

Did you know?

Did you know that our parts are manufactured to the same high standards and strict specifications as Kubota machines? Genuine parts will always work and fit as intended, and are guaranteed to keep your machine running at maximum performance.

Optional hydraulic jack stand

When it comes to the tractor coupling, uncoupling or just parking the FB1000 Premium, the optional hydraulic jack comes into play by reducing the exchange time and fatigue that the operator needs to perform during this operation.

Besides, the exchange time reduction can also be helpful when you park the FB1000 Premium to reduce the weight load on the back of the tractor.

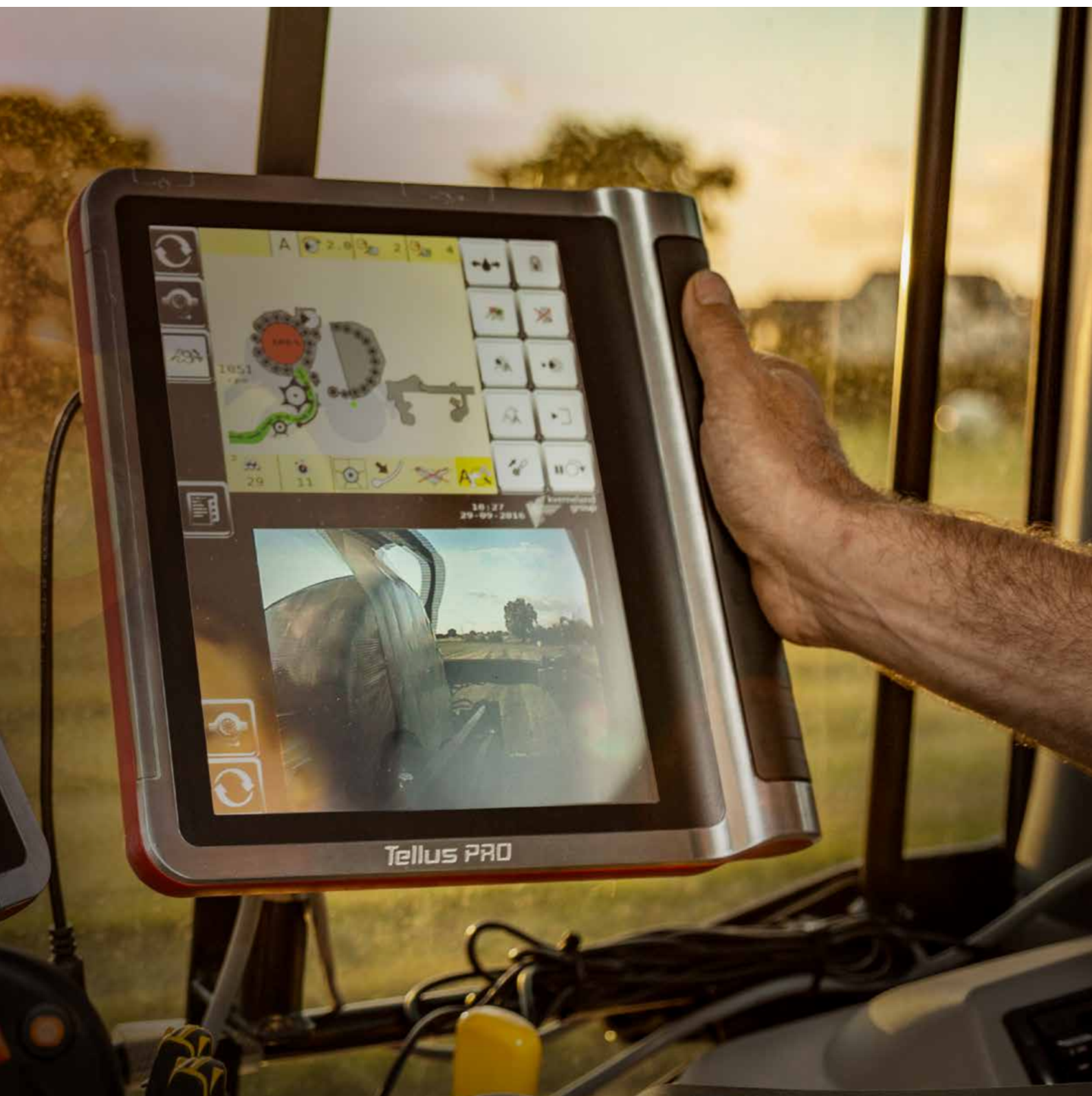


Automatic greasing system

Bale chamber rollers and rotor bearings are lubricated by an automatic greasing system, while chains are provided with an oiler system with individually adjustable outputs to each chain.



#Control



An 'IsoMatch Eye' rear view camera combined with the optional large screen Tellus Pro terminal allows the operator to keep a check on the wrapping process and safe bale discharge.

In control: Fully automatic operation

In normal operation FB1000 Premium works fully automatically, with even the completed bale drop being automated (auto drop can be over-ridden at any time when working on sloping land).

Easy to use control system

Equipped with a Tellus GO terminal or optional double screen Tellus Pro terminal, the operator is kept fully informed with an animated display showing the real-time status of both the pre and main baling chambers and the wrapper. The operator can see at a glance the status at each stage of the baling process, allowing output to be matched to machine capacity and prevailing crop conditions.

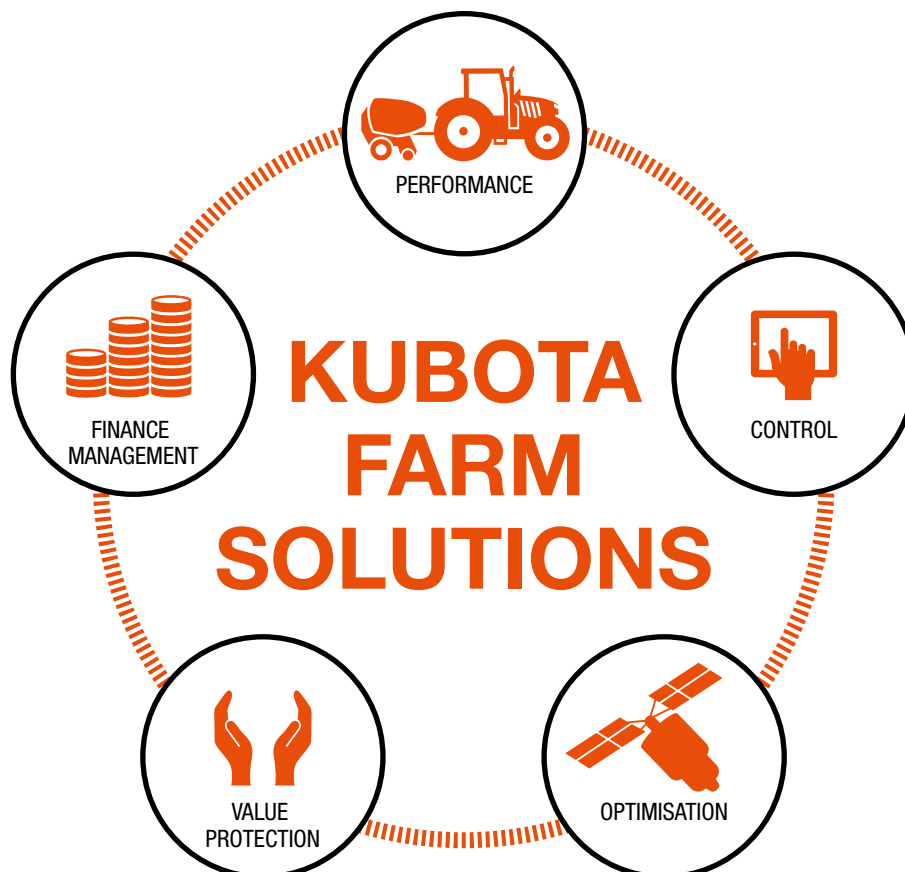
FB1000 Premium is extremely versatile, and as well as baling and wrapping non-stop, it can also work in dry crops with the wrapper in the raised position, with bales discharged directly out of the main bale chamber. Baling in the main chamber only can also be selected for baling very dry crops such as straw.



FB1000 Premium is fully ISOBUS compatible as standard and can be operated on any ISOBUS equipped tractor without the need for an additional terminal.

Kubota Farm Solutions: 360° performance for 100% success

We understand that you need more than powerful tractors and implements to succeed: namely, an integrated system of products and services to increase your competitiveness and preparation for the future. With Kubota Farm Solutions (KFS), we have brought together our solutions in a system— and targeted our proposition to you. From intelligent technology to individual services, the KFS advantages complement each other, forming a circle that ends where it begins: with our commitment to support you a little better every time, now and in the future.





Performance

You have a clear objective: to get your work done productively and successfully while being relaxed. Kubota offers you the equipment that can best support you in this endeavour. Whichever tractor or implements you decide on, you can always count on proven quality, excellent performance, and co-ordinated features. In short: intelligent and reliable technology that gets you a decisive step closer to your goal.



Control

You want full control over what you are doing. Kubota provides you with perfectly integrated systems to help you achieve that. From machine optimisation to implement monitoring, you can control the tractor and resources easily from a single terminal. This not only provides you with a better overview of all work processes, but also allows you to work without stress.



Optimisation

You know exactly how you want to get your work done: efficiently, precisely, and most comfortably. Kubota gives you everything you need to obtain optimal results while remaining at ease. With our ISOBUS technology, precision farming solutions, and automatic steering system, you can apply seeds, fertilisers, and pesticides with extreme precision. This lowers your costs and reduces your workload.



Value protection

You know what it takes to be commercially successful: top performance with every task and top conditions over many years. Once again, Kubota offers solutions that fulfil what they promise. Our parts are manufactured to the same high standards and strict specifications as the Kubota machines.



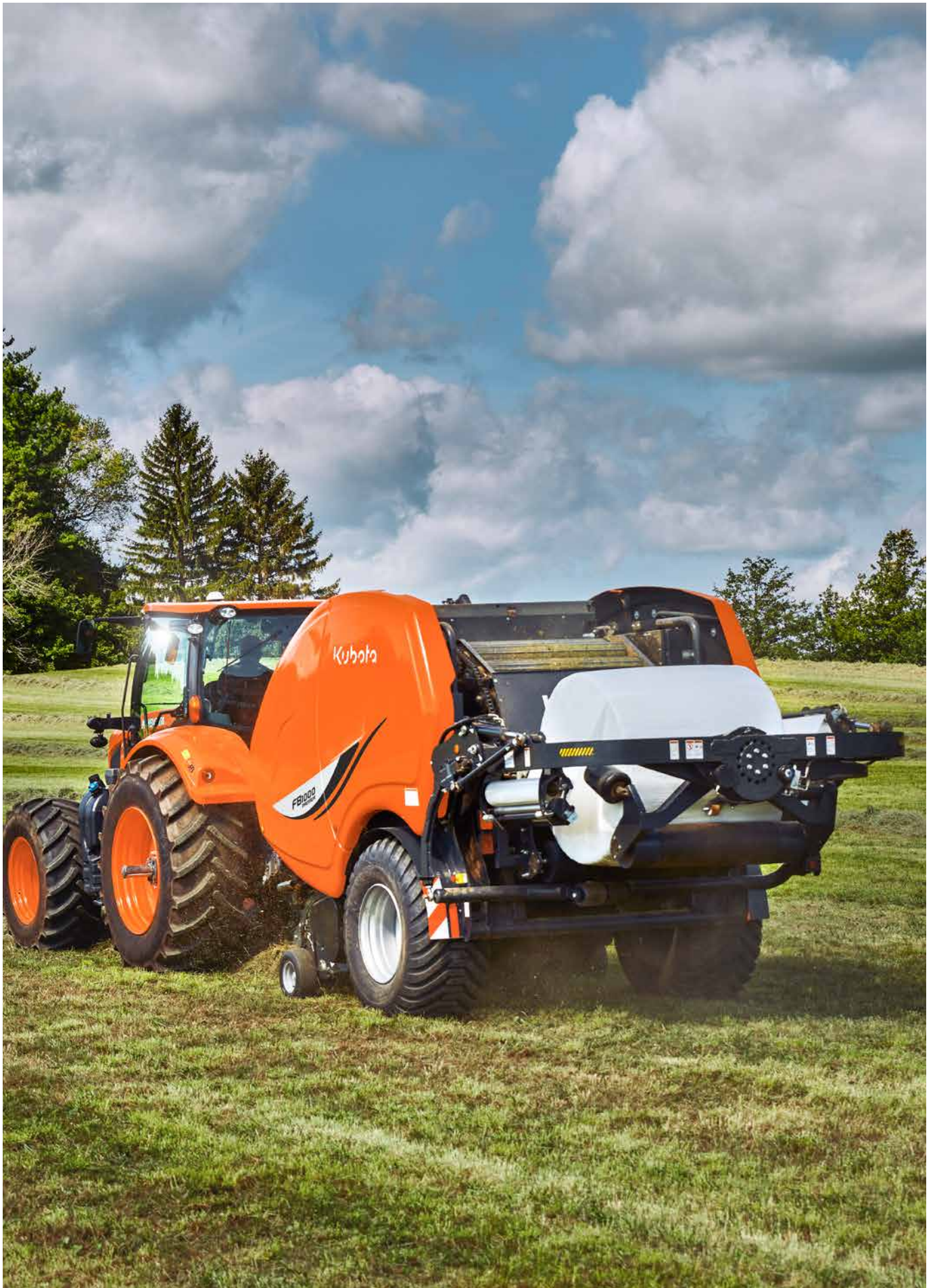
Finance management

You want to improve your productivity, but not at any cost. With Kubota Finance, you can make your planned investment with ease, convenience, and safety. Whether financing or leasing, you benefit from professional advice and attractive conditions. All you need in order to gain the advantages of a technology that drives your success forward. Whether you need machines or services, you have full control of the costs.

Technical data

Model	FB1000
Machine dimensions & weight	
Length (m)	5.85
Width (m)	2.76 / 2.94 with option tyres
Height (m)	3.05
Weight (kg)	8000
Bale dimension	
Ch. technology	28 rollers (14+14)
Diameter min. / max. (m)	1.3
Width (m)	1.23
Pick-up	
Working width (m)	2.2
Tine to tine width (m)	1.86
Tine rows (nb)	5
Tines per row (nb)	32
Tine spacing (mm)	64
Roller crop press	●
Cam clutch protection	●
2 Pneumatic gauge wheels	●
Pivoting pick-up wheels	-
Intake	
ChopFeed 15 knives	-
ChopFeed 25 knives	●
Single knife protection	●
Knife group selection	6 / 12 / 13 / 25
Parallelogram DropFloor	●
Driveline	
Integrated one piece gearbox	●
Main drive protection	Cam clutch
Main drive chains	HBC 1 ¼"
Automatic chain lubrication system	●
Centralized greasing system	-
Automatic greasing system	●
Belts double drive rollers	-
PowerBind binding systems	
Net (storage)	2 rolls
Net & Film (storage)	2 rolls
Wrapping unit	
Bale transfer mechanism	None (Gravity)
Support rollers / belts (nb)	2 / -
Film pre-stretcher	2
Film roll magazine	10
Bale turner kit	○
Electronic & controls	
Isobus compatibility	●
IsoMatch terminals	Tellus Go+ / Tellus Pro
Camera(s)	○
Wheels and Axles	
600/55-26.5"	●
710/50-26.5"	○
Air brakes	○
Others	
Linkage position	Adjustable drawbar (low / high)
PTO (rpm)	1000
Hydraulic outlets	1 SA Load Sensing
Recommended tractor power kw (hp)	127 (170)

- not available ○ option ● standard



The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment. Please consult your local Kubota dealer for warranty, safety or product information. For your safety, Kubota strongly recommend the use of a seat belt in all applications.

® = trade mark protection in the EU.

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