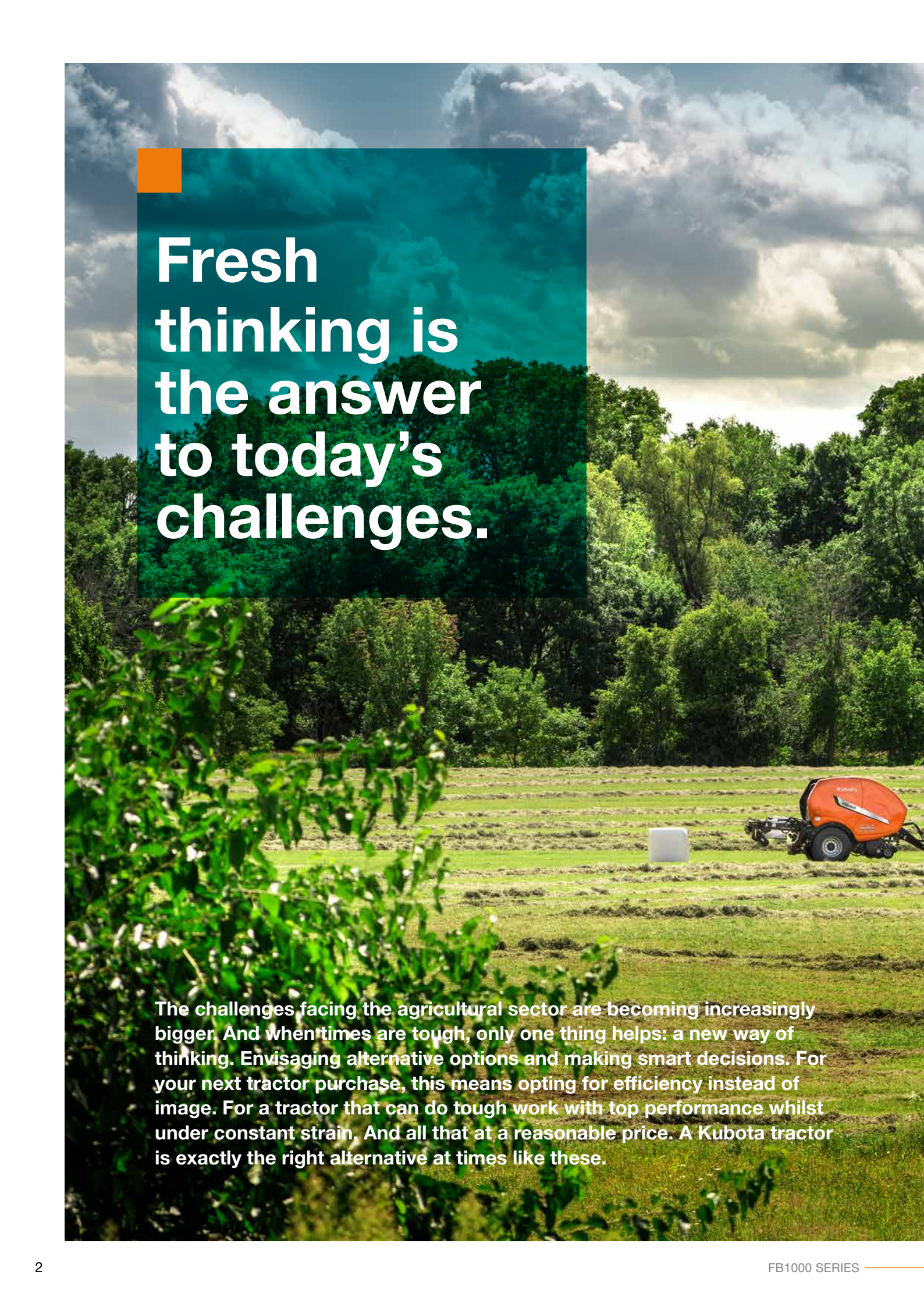


For Earth, For Life
Kubota

FB

**KUBOTA
FB1000 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

FB1000: The new standard in baling and wrapping

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



FB1000

With its unique combination of abilities, FB1000 offers a truly flexible solution for all of your baling and wrapping requirements, while simultaneously increasing operator comfort and productivity to new levels. Bale size: 1.23m wide x Ø1.22m



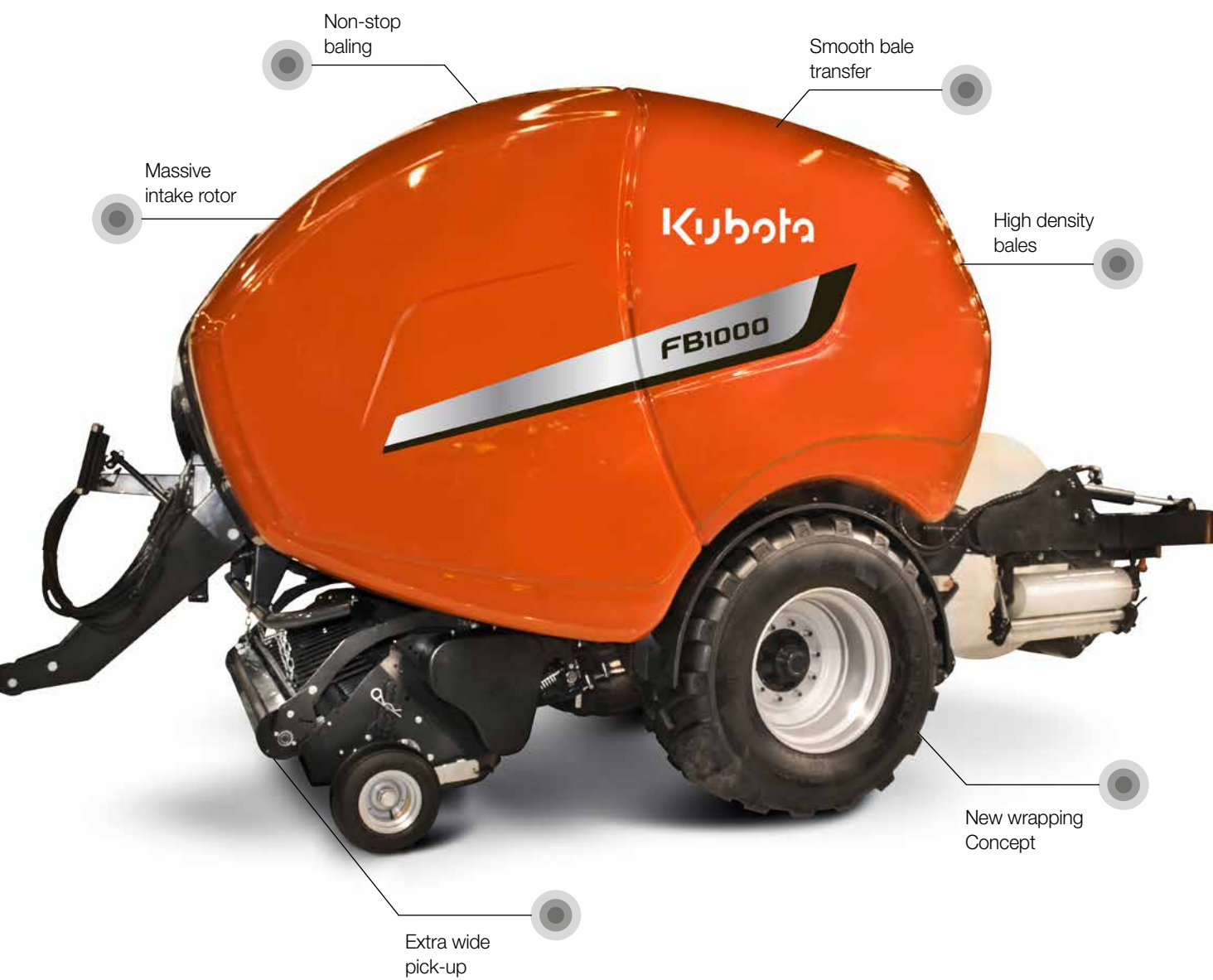




Baling and wrapping non-stop: It's a breakthrough!

With Kubota FB1000 you can continue baling without having to stop to release the bale. No more clutching and waiting for binding and bale discharge. Compare the time spent stationary every day with a traditional baler, and the time saved by FB1000 really is a revelation.

- **Non-stop baling** means reduced stress and fatigue for the operator, leading to improved operational efficiency
- **Increased output:** Baling non-stop saves 15-18 seconds for every bale made. During a typical 300 bale day, this can give a time saving of over 1½ hours per day
- **Compact size:** Despite its non-stop capacity, FB1000 is smaller than other competitive baler wrappers, ensuring easy field access and stress free road transport
- **Simple bale transfer** system and high speed vertical wrapping system ensure high output and gentle bale release
- **Fully automatic operation**, with animated real time display, keeps the operator relaxed and fully productive throughout long working days



- One seamless process
- No input required from the operator
- Quality bale production with no stopping



Top quality bales: Consistently good results

FB1000'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.





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.



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

2.2m extra wide pick-up

FB1000'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 over-all 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.





#Bale Transfer

Smooth bale transfer

FB1000 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.





Smart wrapping concept

Twin satellites wrapping at up to 50rpm give FB1000 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 non-stop technology brings added benefits when working with Film-on-Film

Conventional baler-wrappers have to stop to apply 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 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 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.



Film on Film

FB1000 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's extremely efficient packaging makes it very compact. It's small size is a huge advantage for ease of transport. With a class leading transport width of only 2,76m* FB1000 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.





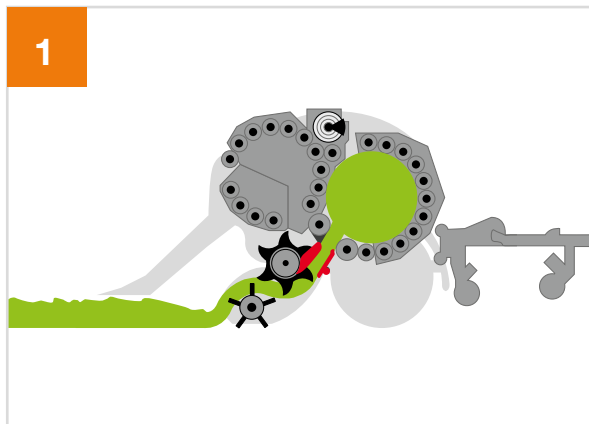
Non-Stop: How it works

FB1000 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.

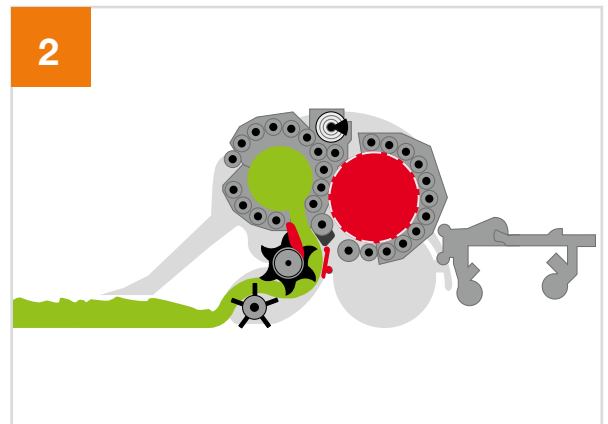
How it works

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, FastBale diverts the crop flow to the pre-chamber.

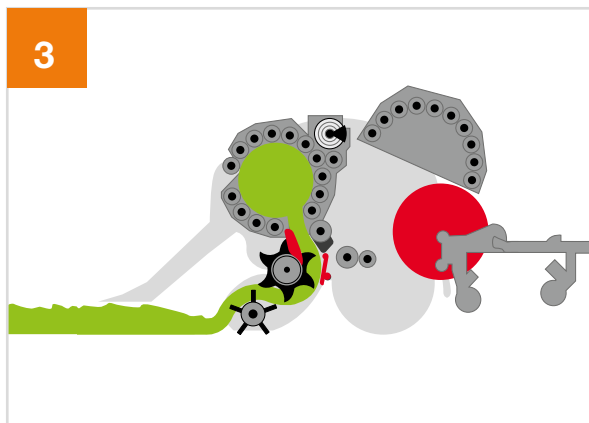
This allows the net to be applied to the bale in the main chamber and for the bale to be ejected onto the wrapper. When the pre-chamber is full, the incoming crop flow, together with the pre-compressed crop are both then transferred into the main bale chamber. Here the bale is formed to its final size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



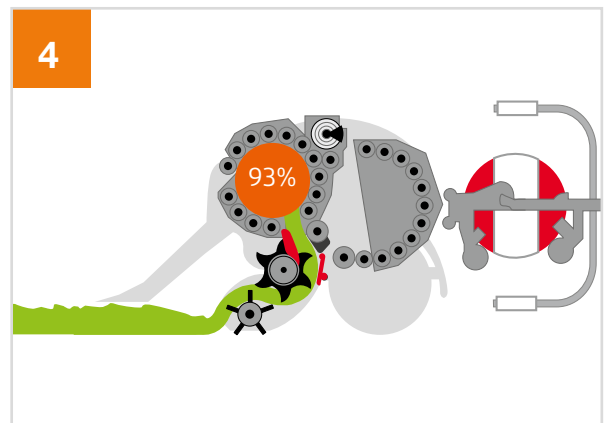
1
The bale is formed in the main bale chamber in the conventional manner until the required density is reached.



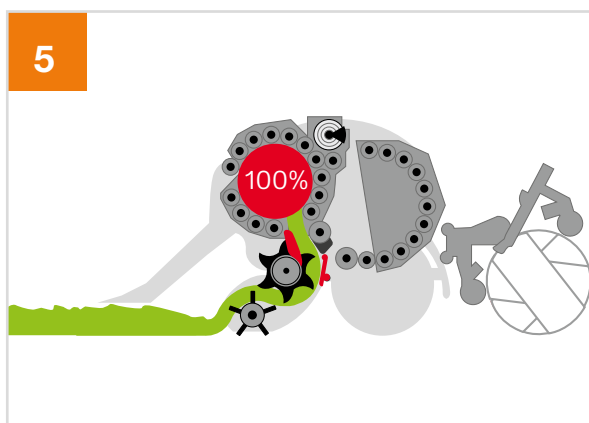
2
When the bale is fully formed, the crop flow, is diverted to pre-chamber, while net is applied to the completed bale.



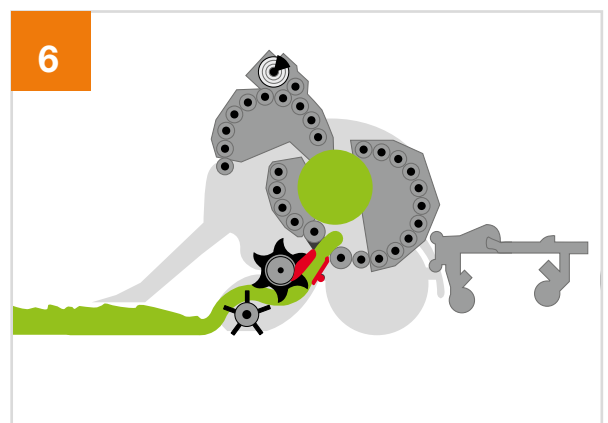
3
The tailgate opens and the completed bale rolls directly on to the wrapper by gravity.



4
The wrapper is raised to its working position and wrapping commences.



5
Crop flow continues to fill the pre-chamber until the pre-set density is reached.



6
Crop flow and pre-compressed crop are transferred to the main bale chamber.



FB1000 Operator convenience



Easy loading net system

FB1000 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.





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.



10 roll capacity

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



Smart bale turning solution

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

Compact bale turner

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

Heavy duty driveline

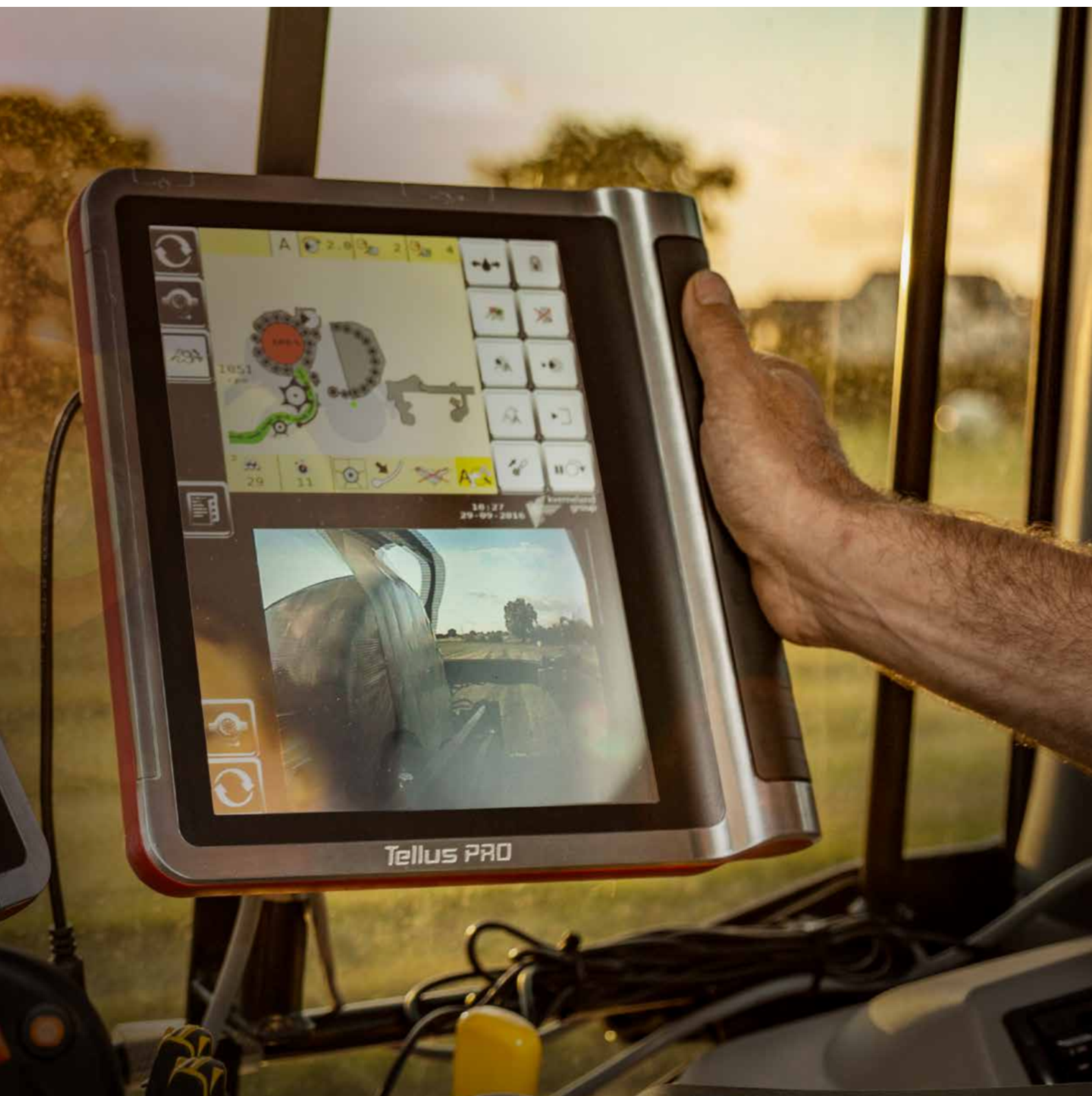
FB1000 is equipped as standard with 1000rpm PTO input speed, reducing torque loading on your tractor PTO clutch.

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.

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.





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 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 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 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.



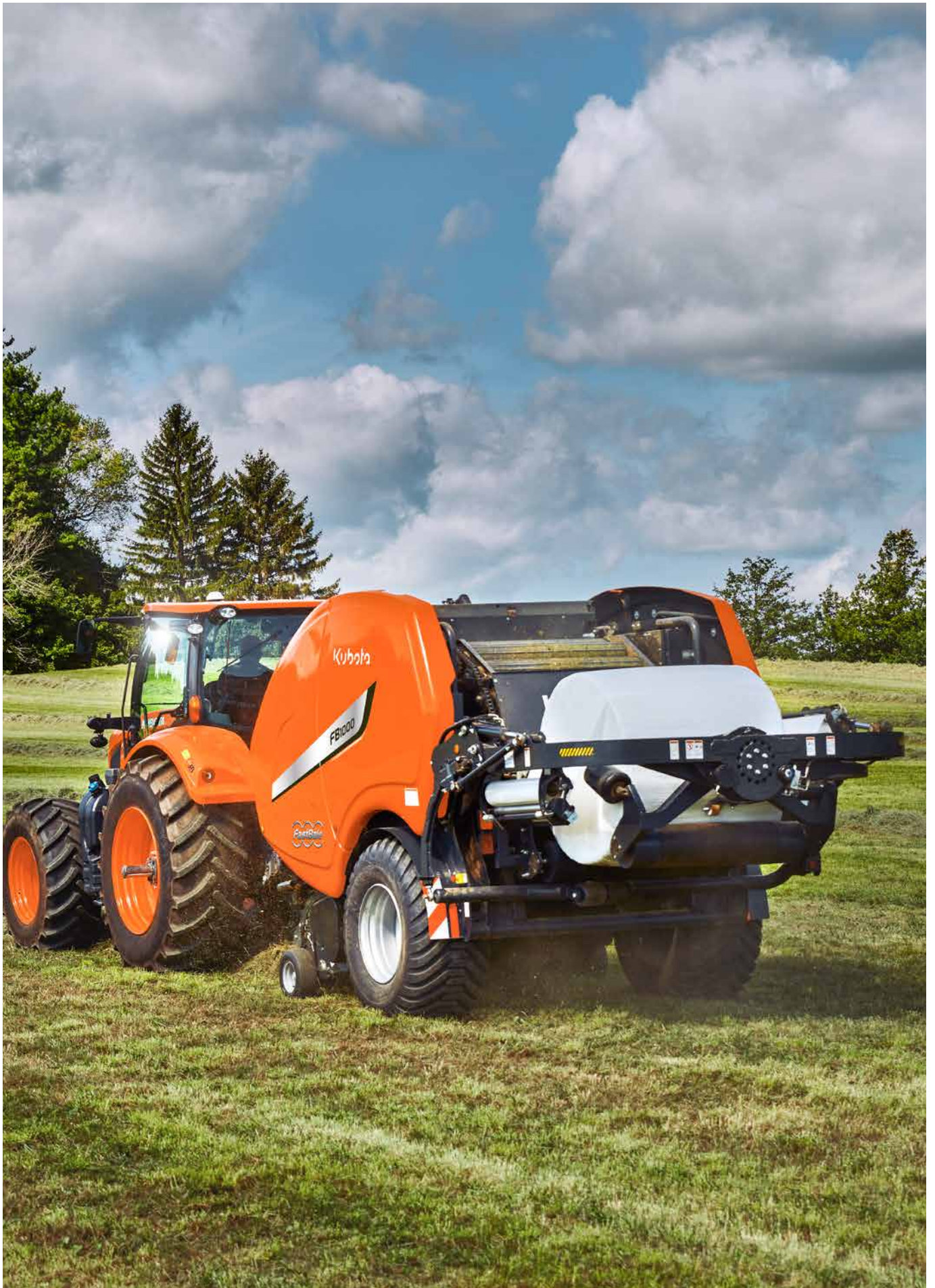
Finance management

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
Operations	
Intake rotor diameter	Ø800mm
Blockage clearance	Hydraulic drop floor - utilised for both bale chambers
Pre-chopping system	25-knife, manual group selection - 6/12/13/25
Numbers of rollers	17 main chamber, 14 pre-chamber (11 + 3 rollers shared)
Bale chamber size	1.23m wide x Ø1.22m (to produce a bale of Ø1.26 -1.27m)
Chamber capacity ratio	Approx. two thirds/one third
Bale chamber bearings	
Drive side	Ø50mm double-row roller bearings
Non-drive side	Ø50mm ball bearings
Bale chamber driveline	1¼" pitch drive chains to all bale chamber elements
Chain lubrication	Automatic lubrication system
Bearing Lubrication	Auto-greasing of chamber and rotor bearings
Density control	Hydraulic (no tailgate latches)
Control system	Fully ISO 11783 compliant
Net capacity	2 rolls (1 in use, 1 spare)
Film capacity	10 rolls (2 in use, 8 spare)
Binding systems	
Net wrap	●
Film binding	○
Power requirement	
Min tractor size required	150hp
Hydraulic supply	Load sensing (pressure, return, sensing) + 1 x double acting valve
Dimensions	
Length	5.85m
Width	2.76m with standard tyres (2.94m with option tyres)
Height	3.05m
Hitch height	Low and high (1m) drawbar height possible without extra parts
Weight	7990kg
Drawbar weight	1100kg
Standard wheel size	600/55-26.5"
Optional wheel size	710/50-26.5"

- 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.

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