


For Earth, For Life
Kubota

XTS

**KUBOTA
XTS SERIES**



A large agricultural sprayer, likely a John Deere S780, is shown from a low angle, moving through a vast field of mature, golden-yellow wheat. The sprayer's long, white boom extends across the middle of the frame, with orange accents on the nozzles and the rear tank area. The wheat stalks are dense and reach up towards the sprayer. The sky above is filled with heavy, textured clouds in shades of brown, orange, and grey, suggesting a dramatic or stormy atmosphere. In the upper left corner, there is a green rectangular overlay with a small orange square to its left, containing the text.

**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.





#XTS326-XTS332

Optimise spraying and comfort



For modern farmers optimal spraying means to protect their crops against diseases, plagues and weeds with as few chemicals as possible. We want enough food for the world, with lower impact on the environment. Kubota field sprayers enable precision farming and spraying at the right moment, on the right spot. Means for the farmer higher yields, lower costs and less waste.





Fulfils farmers requirements

The XT53 sprayer range is designed with focus on a short, low and compact design in combination with user friendly electronics for maximal operator comfort. With tank volumes of 2600 and 3200 litres, the choice between steel or aluminium booms in combination with a lot of high tech features the XT53 series fulfils the requirements of farmers spraying today and tomorrow.

Did you know?

Did you know that Kubota manufactures products in seven European countries? This proximity to the market is central to the company's philosophy. Each factory adheres to the same high Japanese quality standards, whether it is located in Germany, France, or Japan.





#Easy operation

Everything at the right place

Spraying has never been so easy and comfortable. All the functions are easily to handle. A better integration is simply not possible. With the different iXclean solutions user comfort can easily be increased.



Easy Set control panel

Easy Set control panel

The Easy Set control panel makes life easy by its intuitive operation. The controls are separated in a suction and pressure side. The valves are well protected behind the door: this keeps the operational area free of dirt and chemicals.

iXclean

ENFO priming and rinsing is standard on all Kubota spray computers (except EC Remote Control). Before spraying starts the spray lines are filled with chemicals exactly up to the nozzle by automatic section shut off. After finishing or interruption, pesticides are automatically flushed out of the spray lines. This means using up to the last litre of mixture and rinsing the spray lines with a minimum of clean water consumption. This ENFO technology optimises filling and cleaning of the spray lines. Accurate application, no waste of chemicals and saving water are the benefits for the environment.



iXclean Comfort

iXclean Comfort is a semi-automatic valve control system. The combination of an electrical level indicator and suction valve provides operator comfort and accuracy; automatic filling stops when the programmed level is reached, and remote control of all ENFO rinsing and priming functions are carried out from the cab! Simply prime the spray lines before you start and rinse them afterwards or even during an unexpected weather break, without having to leave the cab!



iXclean Comfort

iXclean Pro

Advanced solutions come from iXclean Pro, with fully automatic, electric valve management on ISOBUS compatible sprayers. It means all functions can be controlled from the cab. Switching between filling, agitation, spraying, diluting, priming, rinsing and tank cleaning, is extremely easy; just push the button! In addition to automatic filling, iXclean Pro offers also a fully automatic multi-step rinsing and cleaning program for the entire sprayer. Pushing one button a comprehensive cleaning process, including all spray lines starts. It just takes a few minutes and uses minimal amounts of clean water. It is so thorough, that residue levels after automated cleaning, are below 1%. iXclean Pro for filling or cleaning; making every litre count!



iXclean Pro

Electrical level indicator

The electrical level indicator (optional available) provides the actual tank volume to the spraying computer, as well as via the Focus 3 display on the Easy Set control panel. iXclean Comfort and iXclean Pro include the electrical level indicator as standard equipment.



Focus 3





#Easy access

XTS offers easy access

The XTS3 series offers easy access to the valve panel, chemical inductor, storage locker, clean water tank, filters, pump and much more!



Clean water tank

The 340 litre clean water tank (with 120 litre extension) is equipped with a level indicator. It can be filled via the opening on the clean water tank as well as by the standard external connection on the Easy Set control panel.

Storage locker

A storage locker is integrated on the left hand side behind the door allowing you to keep your safety and cleaning equipment or tools with you on the sprayer. An additional storage locker is available (as option) for the right hand side to create even more storage place.

Easy accessible filters

The transparent filter bowl provides direct view on the dirt degree of the suction filter without dismounting. A valve at the bottom allows emptying the filter content before removing the bowl to avoid contamination of the hands with chemicals. The self cleaning pressure filter prevents blocking via a continuous flow keeping the filter mesh clean. The undissolved particles are returned into the tank until they are completely dispersed.

Chemical inductor

The chemical inductor is an integrated part of the design. It is located next to the valve panel for easy access.

Equipped with a circular rinsing system and a waterproof cover, it can be rinsed safely with closed cover. Big quantities of power and difficult mixtures are injected without any problems within seconds!



Did you know?

Did you know that our parts are manufactured to the same high standards and strict specifications as the Kubota machines?

Genuine parts will always work and fit as intended, and are guaranteed to keep your machine running at maximum performance.



Turbo agitation system

The turbo agitation system keeps the mixture homogeneous during operation and can be easily switched off in case of foam risk or nearly empty tank. The powerful high pressure agitation with injector nozzles guarantees powerful mixing which you can activate after filling or a long break.





Safe access

The XTS3 offers a generous and safe platform giving access to the man hole by means of a ladder. The sieve can easily be taken out for inspection.



Piston diaphragm pumps

Depending on the situation a pump can be selected from a wide range of pump capacities. Pumps with capacities of 200, 260, 400 and 520 l/m are available to suit different situations. For small fields and booms, low volume applications or high speed, wide booms and large tank size, just select the right pump. The pump is located on the right hand side of the sprayer behind the door, well protected, but still easy accessible. The tank outlet is close to the pump and short hoses are used to minimise rest liquid.

Other advantages of the Kubota pumps are:

- Continuous pressure of 15 bar, maximum 20 bar
- Liquid fertiliser resistant
- Compact, small residual quantities of chemicals
- Linear steady state characteristics for precise regulation



Hydrant filling

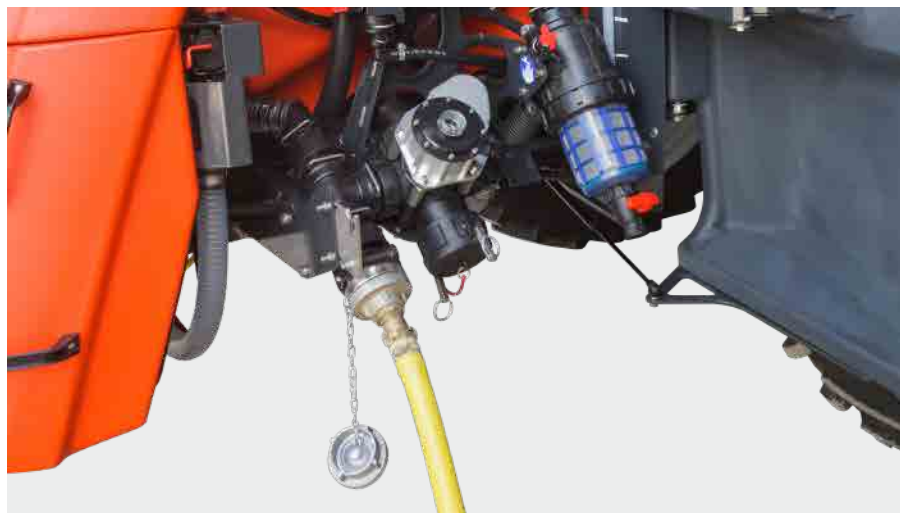
Optional available is a hydrant fill connection with anti return valve for direct filling under pressure.

Filling via the suction hose

External aspirated water is filtered first by the filter on the hose and then by the suction filter. In parallel you can already use the chemical inductor to add and premix chemicals.

External washing (optional):

A cleaning kit with a 15 metre hose and a brush, can be connected to the pressure side of the pump. It is allowing precleaning of the sprayer in the field, using water from the clean water tank.





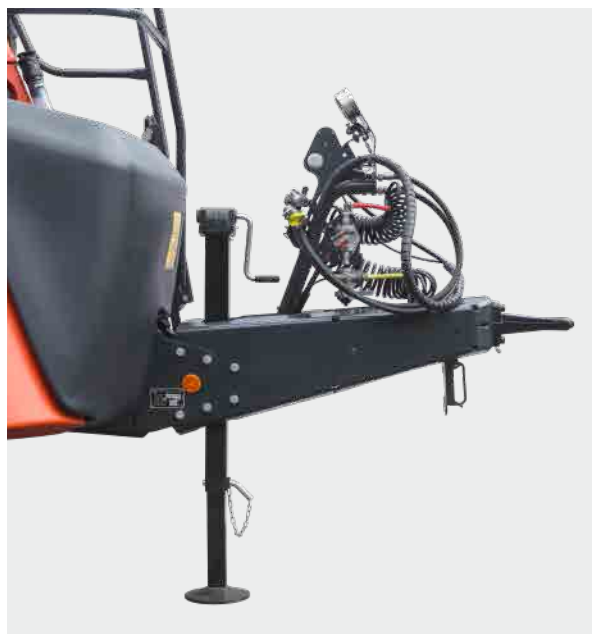
#XTS326-XTS332

Easy hitching, easy following

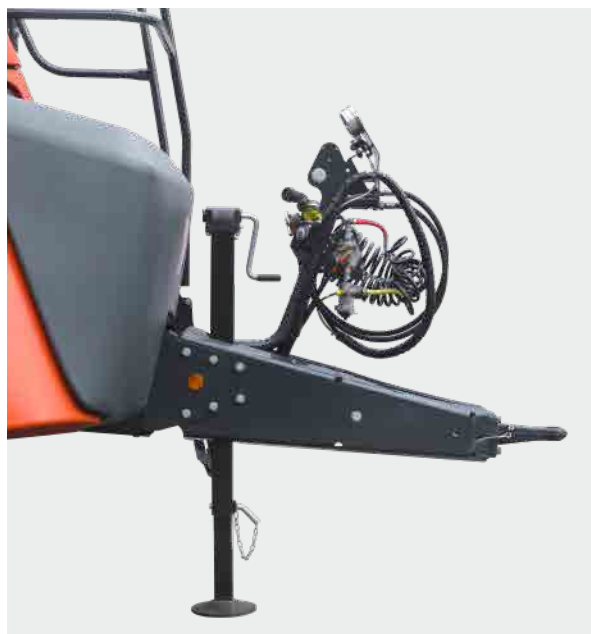
The XTS3 sprayer has a low centre of gravity and compact dimensions for higher working speeds, safe transportation and easy parking on the yard. The XTS3 has one central frame which is made out of heavy duty steel, also known as High Strength Low Alloyed, that has higher flexibility and durability to withstand the impacts of modern farming with higher driving speeds in the field as well as on the road. The frame is riveted instead of welded for example, which leads to a very strong and robust construction.

Easy hitching

The drawbar is easy to change from top to low linkage or the other way around, depending on the linkage point of the tractor.



Top linkage



Low linkage



Maximum steering possibilities

The XTS3 is available with an adjustable or adjustable steering axle in combination with a 1.50 - 2.25 metre track width. The track widths are easily changed in 5 centimetre steps over the full range from 1.50 to 2.25 m. The single central frame and special shaped parallelogram arms create room for up to 1.90 m high tyres and allow a big steering angle. This ensures maximum steering possibilities with a tight turning radius, even on 1.50 m track. The combination of small, but high tyres is ideal in row crops to reduce soil compaction. A selection out of hydraulic or air brakes can be made to make sure that your sprayer can be safely operated.





#HSS spray boom

The heavy duty spray boom

The HSS spray boom is designed for professional use. Its triangular construction provides perfect integration of the stainless steel spray lines, nozzles and nozzle holders and the optimal hose routing where all is well protected.



Adapted to customer demands

The special HSS profile combines a minimum of weight with maximum strength and stability. Special hardened Domex steel gives this spray boom a long lasting heavy duty high quality reputation. Working widths from 18 up to 30 metres with a variation in different section lengths offer the sprayer adapted to customer demands!



The high tech aluminium spray boom

The HSA boom offers efficient protection of the nozzle holders within the bottom profile. This profile is designed for easy cleaning. With no sharp angles, no liquid and residues can be trapped. The anodised surface protects against corrosion and scratches.



Remarkable strength

Aluminium bonding instead of welding provides a weight saving and gives remarkable strength. This spray boom is developed in close cooperation with aluminium specialist Norsk Hydro. This patented aerospace technology has consistently proven itself in the field over the past years.





#HSS-HSA spray booms



Optimal stability and soft boom balancing

The Kubota XTS3 sprayer is equipped with a smooth, suspended parallelogram that is active when in the field and in transport. The parallelogram combines optimal stability with soft boom balancing and limited vertical movement to minimise spray height deviations, securing correct crop coverage.

ErgoDrive headland management system

The XTS3 is equipped (as standard) with the ErgoDrive headland management system. ErgoDrive assists you on the headland turns. It is activated by simply switching ON or OFF and ErgoDrive controls all the necessary actions, while the operator can focus on driving safely.

iXflow-E - fast, direct nozzle control

Both spray booms can be equipped with the optional available iXflow spray line recirculation system, well suited to higher spraying speed and automatic functions with GPS. With iXflow there is a continuous flow and no risk of sedimentation or settling in the spray lines, so nozzles are less likely to suffer blockages. The spray lines are fed from both sides, means automatic pressure adjustment and even lower residue levels when cleaning.





Compact design

In transport position the HSA and HSS spray booms fold away nicely over the tank design and far away from the tractor cab. This results in a transport width of 2.55m and a height of only 3.20m that together with the low gravity point provides excellent stability.

Boom lights

The blue LED boom lights illuminate the spray pattern under the spray boom. This enables the farmer to spray in all conditions, even during the night.



Maintain your spray height

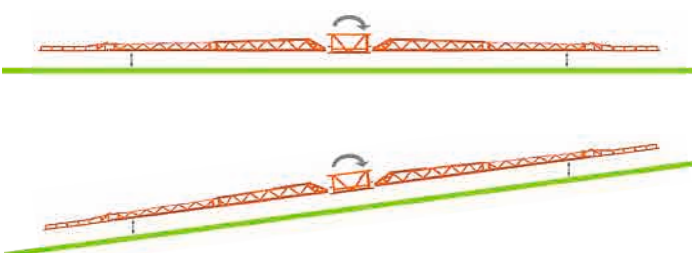
Boom Guide is an automatic boom height control system that helps the operator to maintain the chosen spraying height.

Boom Guide Comfort

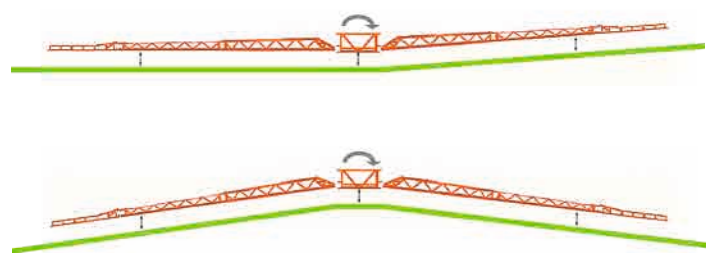
The two ultrasonic sensors on the boom can control the spray height via the central slope correction and boom lift functions. This cost-effective system is suited to gentle slopes, uneven crop conditions and lower driving speeds.

Boom Guide Pro

This advanced system uses three ultrasonic sensors to control left- and right-hand boom sections independently for the ultimate guidance in the most challenging field conditions. It can deliver positive and negative lateral movement on each side of the boom to follow the contours in every condition!



Boom Guide Comfort



Boom Guide Pro



Efficient farming: discover the possibilities

Kubota's precision farming offering consists of innovative and custom made equipment, designed to manage your farm with success. Now you can carry out the work in a smarter, more efficient and easier way to get the best out of your machines and crops, as well as saving time and money in fertiliser, chemicals and seeds.



Be a PRO in increasing productivity

The IsoMatch Tellus PRO 12-inch terminal provides you with the optimal solution for an all-in-one control system inside the tractor cab including automatic steering. It is the centre for connecting all ISOBUS machines, running precision farming applications and Farm Management Systems. It offers everything you need to get the maximum out of your machines and crop, as well as cost savings in fertiliser, chemicals and seeds by using automatic section control and variable rate control. With the dual screen functionality it gives you the opportunity to view and manage two machines and/or processes simultaneously.

Easy control management

The IsoMatch Tellus GO is a cost-efficient 7-inch terminal, especially developed for managing the machine in a simple way. You are in full control of the machine in exactly the way you want. Easily set up the machine with the soft keys via the 7-inch touch screen and for optimal control while driving simply use the hard keys and rotary switch. Controlling the implement has never been so easy.





Did you know?

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

100% focus, the best performance

As tractor steering with IsoMatch AutoDrive-E is handled automatically, you have the freedom to control and monitor your work in an easy way. While the work is more efficient and overlaps are avoided, you can completely focus on the result in the field. (Only in combination with IsoMatch Tellus PRO).

Advanced precision farming software

IsoMatch GEOCONTROL is an advanced software application within the IsoMatch terminals that helps you to control all ISOBUS compatible Kubota machines. Combined with a GPS receiver it fulfils the future needs in terms of innovative and efficient farming! The IsoMatch GEOCONTROL precision farming application includes Manual Guidance and Data Management free of charge. It is possible to expand this application with Section Control and/or Variable Rate Control.

Enhance your success with E-learning

IsoMatch Simulator is a free downloadable virtual training program. It simulates all functions of the IsoMatch Universal Terminals and Kubota ISOBUS machines. Train yourself and make yourself familiar with your machine to avoid errors and enhance your machine performance.



IsoMatch Grip

This ISOBUS auxiliary device is made for maximum machine control and efficient farming. Operate up to 44 implement functions per machine.



IsoMatch Global

The IsoMatch Global is the GPS antenna, with DGPS accuracy, in the IsoMatch product range. It enables satellite navigation for site-specific section control, variable rate application, manual guidance and field registration.



IsoMatch InLine

Light bar for manual guidance including section status information. Manage the distance from the A-B line and steer for the ideal position.



IsoMatch (Multi)Eye

Connect up to 4 cameras to the IsoMatch Universal Terminals. It gives you full control and overview of the entire machine operation.

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		XTS326	XTS332
1. Tank size			
Nominal tank capacity	(l)	2600	3200
Maximum tank capacity	(l)	2780	3400
Clean water tank	(l)	340	340
Clean water tank extension	(l)	120	120
Hand wash tank	(l)	32	32
Chemical inductor	(l)	37	37
2. Empty weight with standard tyres (total machine incl. boom)			
Standard tyres		270/95R48	300/95R52
...with HSS 18m - HSS 24m 2PF		3350 kg - 3550 kg	3500 kg - 3700 kg
...with HSS 27m - HSS 30 3PF		3750 kg - 3850 kg	3900 kg - 4000 kg
...with HSA 21m - HSA 24m		3600 kg - 3650 kg	3750 kg - 3800 kg
3. Drawbar (turnable)			
Top linkage in combination with pulling eye/ball coupling		Ø40mm fixed / Ø80mm ball coupling	
Hitch linkage in combination with pulling eye/ball coupling		Ø40mm fixed /Ø50mm rotating / Ø80mm ball coupling	
4. Wheel axle			
Fixed axle		n.a.	
Adjustable axle (in 5cm)		1.50 -2.25m	
Adjustable steering axle		1.50 - 2.25m	
Turning radius (track 1.50m)		4.4m (340/85R48 or narrower)	
Turning radius (track 2.25m)		4.15m	
Hydraulic brakes		○	
Hydraulic emergeney brakes		○	
Air brakes		○	
5. Dimensions			
Wheel base		4.15m	
Length		6.60m - 7.10m	
Width x height (depending on wheels and spray boom)		2.55m x 3.20m	
6. Pumps			
4 Piston-diaphragm pump 200 l/min		○	
4 Piston-diaphragm pump 260 l/min		○	
8 Piston-diaphragm pump 2x 200 l/min (connected)		○	
8 Piston-diaphragm pump 2x 260 l/min (connected)		○	
7. IsoMatch products			
IsoMatch Tellus GO		○	
IsoMatch Tellus PRO		○	
IsoMatch Global		○	
IsoMatch Eye		○	
IsoMatch InLine		○	
IsoMatch Grip		○	
8. Options (factory fitted)			
Electrical level indicator		○	
iXclean Comfort		○	
iXclean Pro automatic valve management system		○	
ErgoDrive headland management system		●	
iXflow circulation system		○	
GEOSPRAY®		○	
Boom Guide Comfort		○	
Boom Guide Pro		○	
High pressure agitation		●	
9. Accessories (also loose available)			
Outside cleaning set		○	
Sensing skids		○	
Suction hose 3"		○	
Suction hose frame		○	
Non-return valve set 3" for suction hose		○	
Float		○	
Urea sieve		○	
LED boom lights and rotating beacon		○	
Hydrant filling connection		○	
Pump out connection		○	
Storage locker		○	
Electrical border or verge nozzle		○	
Turning mud guards (400-550-700mm)		○	

Spray booms

Model		HSS 18-24m	HSA 21-24m	HSS 27-30m
1. Basic boom functionality				
Working width	(m)	18/20/21/24	21/24	27/28/30
Material		Steel	Aluminium	Steel
Folding principle		Two-part side folding	Two-part side folding	Three-part side folding
Symmetric folding	(m)	12/12/12/12	12/12	21/21/21
Assymetric folding	(m)	15/16/16,5/18	16,5/18	24/24,5/25,5
Lift range - boom height	(cm)	45-245	45-245	45-245
2. Spray sections				
Standard		5/5/5/7	5/7	7/7/9
Alternative 1 (two sections more than standard)		7/7/7/9	7/9	9/9/-
Alternative 2 (two sections less than standard)		-/-/-/5	-/5	5/-/-
3. Spray jets				
Monojets/Trijet /Pentajets		○	○	○
4. Boom hydraulics				
Hydro package Comfort 2: 2-part folded contains oil-circuit for:		○	○	
1. Parallelogram lift				
2. Symmetric boom reduction				
3. Slope correction				
4. Hydraulic locking				
Hydro package Comfort 2: 3-part folded contains oil-circuit for:				○
1. Parallelogram lift				
2. Symmetric and asymmetric boom reduction				
3. Slope correction				
4. Hydraulic locking				
Hydro package Comfort 3: 2-part folded contains oil-circuit for:		○		
1. Parallelogram lift				
2. Symmetric and asymmetric boom reduction (tip ends only)				
3. Slope correction				
4. Hydraulic locking				
5. Independent slope correction				
Hydro package Comfort 3: 3-part folded contains oil-circuit for:				○
1. Parallelogram lift				
2. Symmetric and asymmetric boom reduction (tip ends only)				
3. Slope correction				
4. Hydraulic locking				
5. Independent slope correction				

● = standard ○ = optional



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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