

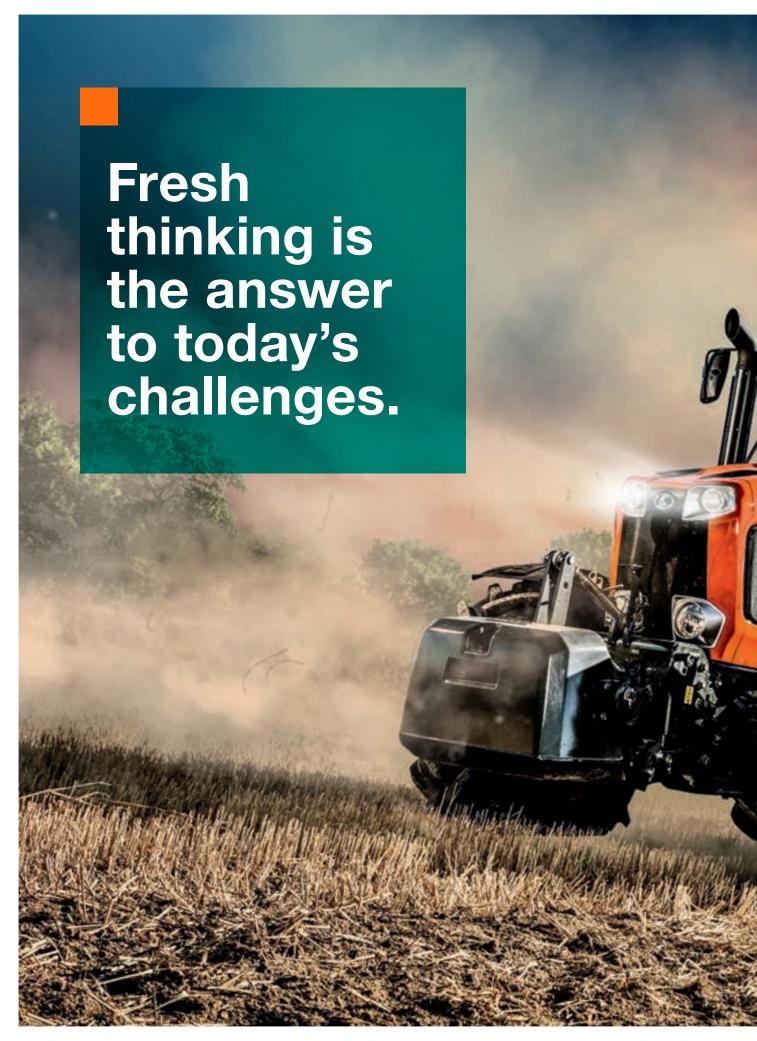
## For Earth, For Life Kubota



## KUBOTA MGX III SERIES

95-105-115-125-135

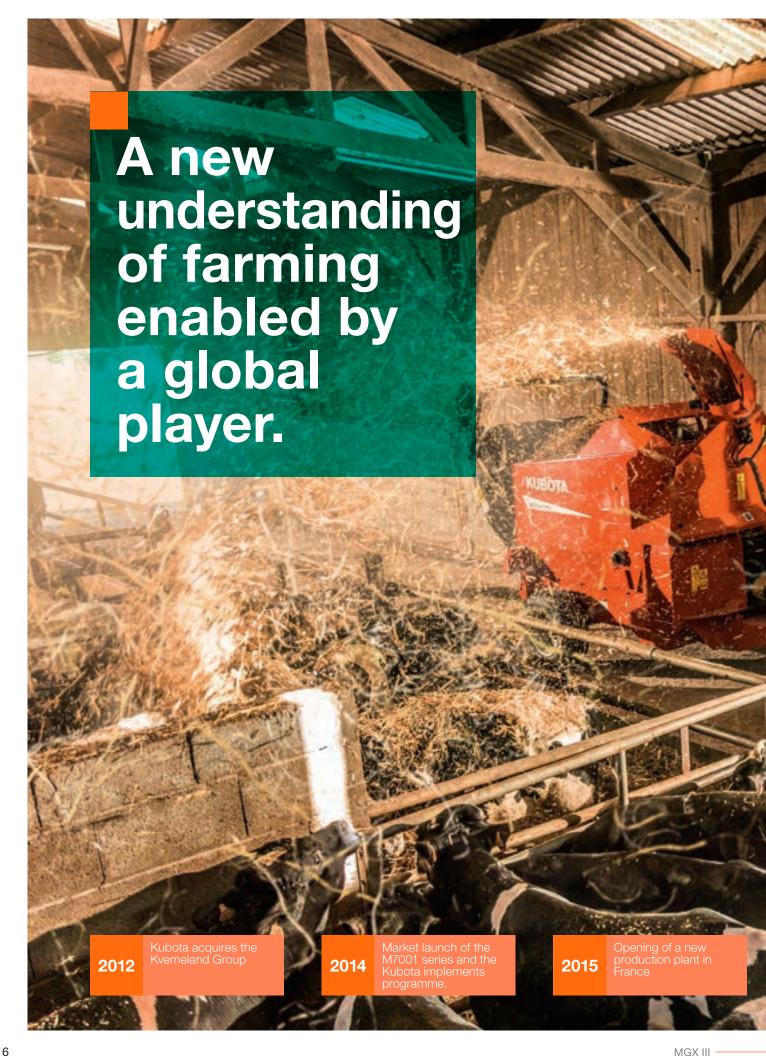




The challenges facing the agricultural sector are becoming increasingly bigger. And when times are tough, only one thing helps: a new way of thinking. Envisaging alternative options and making smart decisions. For your next tractor purchase, this means opting for efficiency instead of image. For a tractor 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.







MGX III





The requirements in agriculture are not only high, but also comprehensive and diverse. Fortunately, Kubota has exactly the right solution for every task—and from a single source. With a huge implements programme on the market and the Kubota ISOBUS production, we are your partner who thinks ahead and makes things possible. All machines and processes are perfectly compatible with each other and guarantee the highest level of quality and efficiency, not to mention future viability.



## #Highlights

## MGX III: Clever and multi-talented

The Kubota MGX III is a clever all-rounder amongst professional tractors. Its modern engine technology makes a convincing case in tough field conditions with tremendous cost-efficiency and excellent environmental friendliness. It makes your work surprisingly easy and comfortable with its 8-gear powershift transmission, bi-speed turn steering system, and tremendously powerful hitch mechanism. Put its capabilities to use as you effortlessly reach new successes.







## Tremendously comfortable

The powerful and efficient 4-cylinder engines impress with high power, low engine speeds and fuel consumption,

Amazingly powerful traction

The engines in this tractor series meet strict Stage IV Final emissions standards with confidence.

**Extremely environmentally** 

The spacious cab provides a comfortable workspace with an optimal panoramic view. Al control elements are arranged clearly—not a movement is wasted

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## Surprisingly maneuverable

With its bi-speed turn steering system, the MGX III has excellent maneuverability—greatly simplifying front loader work.

## Outstanding equipment

The MGX III is the only one in its class with an 8-speed powershift transmission—for working comfortably with

## Impressively precise

The MGX is much more than a tractor. With ISOBUS retrofit terminals and Kubota implements, it is the answer to any challenge. And with its potential for precision farming solutions, it saves time and money.

## #Engine

# The MGX III engines: green light for the future

Under the bonnet of the five new Kubota MGX III models are engines that employ the latest technology to meet challenging European emission standards with confidence. The highly efficient engines are not only economical and clean, they also do not leave anything to be desired in terms of performance. On the contrary, you'll be thrilled with the tractive power of the MGX III under demanding working conditions.



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## Did you know?

Did you know that Kubota produces its own engines and that Kubota is the global market leader for industrial diesel engines under 100 hp? You might be surprised to learn under which bonnets Kubota engines are at work. Top quality and efficiency are the main ingredients of this success.

The power units in the MGX III series of tractors once again demonstrate that Kubota is a leading innovative company in the diesel engine sector. You will find the modern 4-cylinder V3800 on the M95GX III and the M105GX III. The models M115GX III, M125GX III and M135GX III have the 4-cylinder V6108 engines. Both engines fulfil the strict Stage IV Final emission standards with confidence. The sophisticated combination of common rail injection, diesel oxidation catalytic converter (DOC), diesel particulate filter (DPF), SCR catalytic converter, and water-cooled exhaust gas recirculation (EGR) makes this possible.

Not only does the environment benefit, but you do as well, in several ways: through higher efficiency, lower fuel consumption, and less engine noise. The proven Kubota reliability is all part of the package.

## Economically and ecologically advantageous

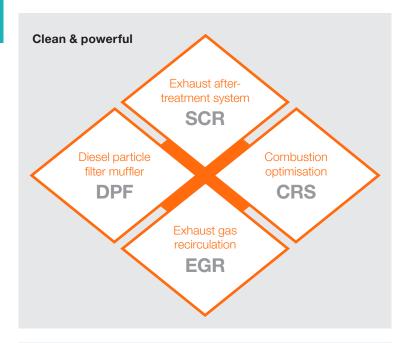
Kubota lowered the maximum permissible speed of the V3800 engine for the MGX III from 2,600 rpm to 2,400 rpm. This improvement results in greater comfort for you. The engine not only benefits from lower consumption and less wear, it is also noticeably quieter. Furthermore, Kubota has optimised the power and torque curves of all engines. As a result, the V6108 engine reaches its peak output at a much lower speed. This also has a positive effect on cab noise and the fuel consumption of the tractor.

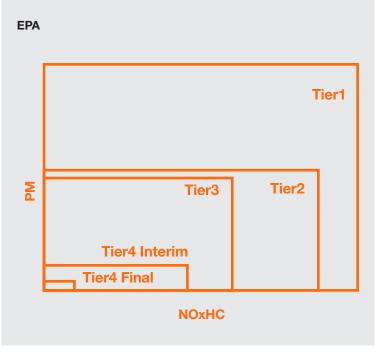
## Improvements that pay

The other innovations that affect the engine of the MGX III also offer clear improvements. Cooling has been improved by increasing the radiator capacity by 30% and adding two new air intakes in the bonnet. The return on investment for the engines is higher efficiency and longer service life. On account of the higher capacity of the alternator, significantly more electrical power is available for the attached equipment, for instance.

## Convenience beyond the cab

The 190-litre diesel tank and 16-litre AdBlue® tank can be conveniently filled thanks to their low position. Kubota even makes maintenance easy, as all maintenance points on the tractor are very easy to reach.





## **#Transmission**



## Unique 8 Powershift Transmission: always in the right gear

Intelligent and user-friendly—with Intelli-Shift powershift transmissions you can change gears at the push of a button. The Kubota MGX III, however, has more in store to make your work easier. The automatic mode helps with changing soil conditions and sloped terrain. You simply need to steer, while the tractor changes the gears for you.

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With the Intelli-Shift transmission, the shift lever is used to easily change gears at the push of a button. Shifting up or down is equally simple. With unique in class eight powershift ranges in three groups, you have a total of 24 forward and 24 reverse gears at your disposal—the right amount to cover the widest range of applications. Depending on the situation, you don't even have to raise your hand from the right-hand armrest to shift gears. Two additional buttons are within reach to change the powershift speeds.

## Smooth, effortless shifting

Highly developed microprocessor technology makes it possible to change gears smoothly under load, with no effort on your part whatsoever. By overlapping the powershift speeds, you can find the exact speed needed for the task at hand. This means maximum versatility and minimal shifting.

### An option that pays

With the optional creeper speed group, you can increase the number of speeds to 32 forward and 32 reverse gears. For operations that frequently require low speeds, such as harvesting vegetables or planting seedlings, this option is a must.

## Steering is still your job

Under changing soil and terrain conditions, the automatic mode is a true blessing. The principle here is maximising performance through automatic shifting. On the road with a trailer, the travel speeds are adjusted to inclines or downward slopes, depending on the load and throttle position. In field mode, the automatic function prevents too much engine droop according to the load and also the implement linkage position. You can fully concentrate on your work, even under challenging circumstances, without having to continuously think about changing gears.

## Did you know?

Did you know that Kubota has held a leading position in the fields of construction machinery and compact tractors for many years in Europe? You will find the same experience and keys to success applied to the professional agricultural market.



## A true power pack: you can really load it up

The extremely productive, high-performance hydraulic system of the MGX III handles heavy implements with ease. Whether you work with a combi-seeder or a reversible plough, this tractor has the lift capacity to handle it all without a glitch. Is tough front loader work the order of the day at your farm? Here too the hydraulics of the MGX III provide top performance.



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M95GX III M115GX III

High productivity is the objective of the MGX III hydraulics. The new MGX III series tractors are equipped with hydraulic gear pumps for the smooth operation of attachments and extra-fast front loader work. External hydraulic cylinders provide a greater lift capacity and simplified operation, while a new pressure relief valve minimises pressure loss. This results in more power for PTO work when the 3-point power lift is not in use.

## Powerful and uncomplicated

The MGX III has the muscle to lift very heavy implements. Thanks to generously sized external hydraulic cylinders, the 3-point Category III power lift can produce 6,100 kg (M115GX III, M125GX III and M135GX III) or 5,000 kg (M95GX III and M105GX III) of lift capacity. Its easy and comfortable concept allows you to attach any equipment in no time. Several rear hitch options are available (depending on the market) offering strong coupling for heavy loads.

## **Excellent responsiveness**

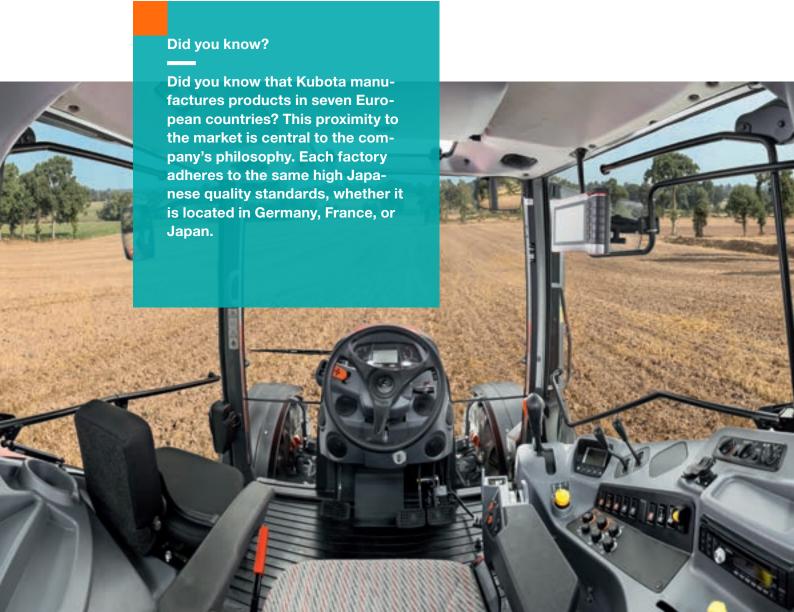
For short cycle times in front loader work and immediate response of implements, the tractors have hydraulic pumps with a high-flow capacity. Two hydraulic valves are standard, and up to four valves are optional. This allows you to handle several tasks at once. The flow rate of the pump can be adjusted from the driver's seat. As a result, you can easily and precisely control all hydraulic functions of the implement

## The gentle approach

Whatever the task at hand, the PTO shaft, with electrohydraulic clutch, (540/1000 rpm) can be used with a broad selection of rear implements. For increased productivity, the independent PTO shaft can be engaged and disengaged by simply turning the control switch. Automatic modulation ensures a gentle start without having to stop the tractor.

## Best seat in the house: rely on maximum comfort

Performance improves when working in comfort. This is why Kubota designed the cab of the MGX III to optimally meet your needs. Lots of room, convenience, and a good overview allow you to work productively and ensure a pleasant working atmosphere well into the night, if necessary. Making you feel at ease from start to end.



With some tractor cabs, you have to be quite flexible just to get in. Not so with the MGX III, with its wide-opening doors. You can access the generous cab equally well from either side. Inside, a very roomy workspace awaits you, including a deluxe driver's seat with air suspension, which will make you feel at ease straightaway. A standard instructor seat is also available for instructing other drivers.

### **Comfortable environment**

All important control elements are positioned in such a way as to enable you to lean back and relax. You will also appreciate the noise level in the air-conditioned cab, as it is pleasantly low. This is the optimal environment not only for long work days, but also for excellent quality of work.

## Unhindered views of the essentials

In terms of quality of work, the outstanding panoramic visibility of the MGX III also plays a vital part. The 4-pillar cab features large non-reflecting glass surfaces. The unhindered views of all the attachment areas ensure that you won't miss any obstacles and be able to use the maximum implement working width.

Visibility at night is great too: four standard headlights and four powerful LED work lights as options, mounted on the cab roof, turn night-time into day.



## A full performance package

You will also like the other cab features: the pop-up skylight for safe overhead work, the steering wheel with both tilt and telescopic adjustment for an optimal seating position, and the high-performance air conditioning and heating system. All of this contributes to more driving and operating comfort and increases productivity.



## #Cab



## Everything at hand: operation made easy

According to Kubota, ergonomics should help you to operate and drive your tractor effortlessly. The arrangement of the control elements is therefore focused on ensuring a clear overview and user-friendliness. The operation of the MGX III is easy to understand and completely intuitive. You can therefore fully concentrate on the work at hand.

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The MGX III control panel is well arranged. All control elements are logically positioned and within reach. Clear colour-coding (orange: transmission, black: hydraulics, yellow: PTO shaft) makes operation fast, safe, and unmistakable.

## **Everything under control**

The clearly arranged control panel on the right-hand side of the cab represents the command centre of the tractor. All control elements are located there and in the adjacent armrest. Everything is within immediate reach. There is no need to stretch, let alone to get up. The sun shield around the monitor ensures the trouble-free display of information, even on sunny days.

## **Everything at hand**

Smart switch elements typical for Kubota provide additional utility. Consider three examples: The speed limiter can be used to adjust the engine speed in increments of 10 rpm. The set speed is maintained consistently, less fuel is consumed, and the risk of overspeed in PTO shaft operations is reduced. The RPM Dual Memory switch can be used to preset two frequently used speeds. This





saves time, as you don't need to throttle back the engine to the required speed, allowing you to focus on the task at hand. Kubota RPM Work Cruise is also a very useful feature. The electronic controller ensures a constant engine and PTO shaft speed. In combination with the automatic mode of the transmission, the quality of PTO-driven machinery work is increased. The use of a baler on hilly terrain is a perfect case in point.

## **Everything in view**

The newly designed instrument panel provides even better monitoring of all important tractor data. Travel speed and the fill level of the AdBlue® tank are indicated, as are main engine and transmission information as well as the status of the front axle suspension.

## **#Front loader**



## Greater efficiency: raise your front loader work to a new level

When the tractor and front loader are made by the same manufacturer, you can rightly expect a well-matched product package. In the case of the MGX III, your expectations will be exceeded. This is technology from a single source, raising the efficiency and performance of front loader work to new levels with intelligent solutions.

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Simple and quick operation are two decisive features that define the combination of the tractor and front loader from Kubota.

Both have the perfect prerequisites for highly efficient work: the tractor with a great view of the equipment, including the raised front loader through the pop-up skylight, and the front loader that offers fast mounting and removal as well as a user-friendly design.

The very good visibility towards the front loader increases safety, which can also be said for the anti-lowering valves, which ensure the front loader maintains its position even in the case of hydraulic pressure loss.

### Interested in added value?

Convenience is just as important for a Kubota front loader. The KSR (Kubota Shockless Ride) vibration damping system minimises the shock loads that normally arise when the tractor is working at high speed, for example, thus reducing the load on the driver. With an optional valve for the third hydraulic function, or even a fourth hydraulic function, you can increase the number of possible front loader applications even further, for example by adding a grab bucket or other hydraulically controlled attachments. Need to get up high or lift something heavy? With two separate connection points, you can make use of the maximum lift capacity or the maximum lift height of the front loader.



## Ready to go in no time

Attaching and removing the front loader could not be simpler. The integrated supports and two connection pins make doing so a breeze. Without the use of any tools. The Euro quick coupling guarantees mounting and removal of manure forks, pallet forks, bale forks, or buckets in seconds. Connect the hydraulic lines just as quickly—the single-lever hydraulic quick coupler makes it very simple.

### Sensitive, precise operation

Using the cross lever, you can control the front loader with great precision. Within easy reach on the control panel, it offers a very sensitive operation experience. You can use several functions simultaneously thanks to the dedicated control valve, while the tipper bucket control enables short work cycles. Thanks to the hydraulic shuttle lever, you can drive forwards or backwards without using the clutch.



## An agile specialist: that pulls in any situation

Thanks to the outstanding traction and unique maneuverability of the MGX III, you can master any task in the field, on the road, or on the farm—and be astounded. You will see: even under tough conditions, this tractor will still manage to increase your productivity.



The outstanding maneuverability of the MGX III pays off wherever you go. In the headland, for instance, where you can turn in one motion without having to back up or take a wider turn. Or in tight farmyards, where you can take every corner with confidence. What makes this possible is the ingenious bi-speed turn system from Kubota: from a steering angle of 35°, it automatically increases the speed of the front wheels. This makes the tractor extremely maneuverable.

## Maneuvering in tight spaces

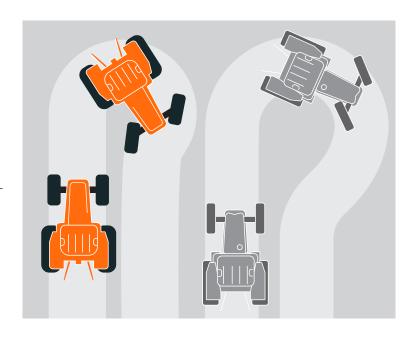
The uniquely tight turning radius of the MGX III is also based on its front axle with bevel gear drive—another advantage exclusive to Kubota. With a legendary 55° steering angle, you can maneuver with confidence, even in the tightest spaces. Speaking of advantages: on account of the bevel gear drive, the MGX III has a higher ground clearance than tractors with universal joint front axles. As a result, you can drive among tall crops where other tractors can't go. Even large swaths of hay remain undamaged.

## Large wheelbase for good traction

The large wheelbase of 2,690 mm on the models M115GX III – M135GX III is very beneficial for the traction performance in heavy work conditions.

## **Good suspension**

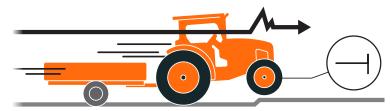
All MGX III models can be optionally equipped with a front axle suspension system. This is a wise investment, as it provides not only greater driving comfort and safety, but also greater tractive power to the ground. You will appreciate the comfortable driving experience without experiencing fatigue.



## With optional front suspension system



### Without front suspension system



# Did you know? Gonshiro Kubota founded the company because he could no longer stand to see people dying from contaminated drinking water. He began by manufacturing products for clean water supply. Since then, we have been offering various products that help to improve the living conditions of people and society. That's what "For Earth, For Life" stands for.

## Patent formula against slippage

If soft, muddy ground threatens to slow you down, just switch on the electro-hydraulic differential lock on the front and rear axles—and you are off and running again. Use the front axle differential lock for straight travel in field mode when slippage occurs. Turning is made easier in all-wheel drive mode.

## Useful automatic all-wheel drive mode

Another useful function is the automatic all-wheel drive mode. Once it is activated, the tractor automatically switches from four- to two-wheel drive as soon as it is travelling at a speed of more than 20 km/h. At less than 17 km/h, the all-wheel drive comes back on. The advantages are less tyre wear and lower fuel consumption. Braking performance also improves, which is of great benefit for road travel with a heavy trailer in particular.

## **#Precision Farming**

## Time is money – save both with the MGX III

The agricultural sector has nothing to give away. This is true today more than ever. With the retrofit ISOBUS and Precision Farming solutions for the MGX III, you can apply pesticides, fertilizers, and seeds in an efficient, precise, and economical manner. The tractor and productive resources are put to optimal use.



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 certifified ISOBUS compatibilites.

AEF Certified

UT TECU AUX-N

TC-SAS TC-SEG TC-SC

TU-SC TC-SC TC-

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The Kubota MGX III can be equipped with retrofit kits, which means that your MGX III becomes an ISOBUS tractor with which you can use any ISOBUS device or machine on the market without limitations. This saves time and money, allowing you to complete your work stress-free.

## ISOBUS on board

The terminals are ISOBUS-certified. The connector makes it possible to display the ISOBUS devices in the cab on the IsoMatch Tellus 12-inch or IsoMatch Tellus Go 7-inch monitor. All device settings can be accessed from the touchscreen display by your seat and you can adjust the monitors to your liking.

The two operating terminals are certified according to ISO 11783, the ISOBUS certification for tractors and devices. Up to four cameras can be displayed on one monitor. The terminals have a number of shortcut switches that enable fast and easy switching between screens.

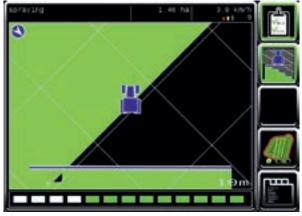
On the IsoMatch Tellus 12-inch, two different screens are displayed at the same time, which means two different pieces of information or even two different ISOBUS machines.

## Wide-ranging assistance

In addition to the ISOBUS terminals, a steering LED bar can be used to enable the driver to carry out manual guidance and increase the precision of the MGX III tractor.

### Efficient use of resources

The GEOcontrol function included in the Kubota terminals, in combination with GNSS receivers, allow you to use the section control application and/or the variable rate function. These functions can be used with ISOBUS implements, such as the precision seeders, spreaders, or sprayers. These functions save costs and resources by saving time, overlaps, fertilizer, and seeds. All jobs with the terminals can be exported to offer perfect traceability.



### Section control:

With the automatic section control license, the implement is able to manage the opening and closing of the sections by itself. This saves costs and increases driver comfort.



### Variable rate:

With the automatic variable rate license, the implement is able to independently manage the rate in combination with prescription maps. This increase the yield per hectare, saves costs and increases driver comfort.

## **#Farm solutions**

# Kubota Farm Solutions: 360° performance for 100% success

We understand that you need more than a powerful tractor 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.



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## **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. Your Kubota tractor is already protected by 3 year manufacturer warranty right from the start. If you want, you can even extend your warranty to protect the value of your investment, avoid expensive downtimes, and remain profitable over the long term.



## 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		M95GX III	M105GX III	M115GX III	M125GX III	M135GX III		
Engine								
Engine Type		V3800-C	R-TIEF4		V6108-CR-TIEF4			
Diplacement/No. of cylinders	cm <sup>3</sup>	3,76	9/4	6,124/4				
Alimetation			tui	bocharged and intercooler				
Rated speed	rpm	2,400		2,200				
Engine power output (97/68/EC)	hp(kw)	104 (77)	111 (81)	123 (90)	133 (98)	143 (105)		
Powerboost		-	-	-	-	-		
Max torque	N.m	346	379	503	544	586		
RPM of max torque	rpm			1,500				
Fuel Tank capacity/								
DEF-AdBlue capacity	I			190/16				
Transmission								
Type of powertrain		powershift						
No. Of speeds		F24/R24						
No. Of speeds with creeper		F32/R32						
Max. Travelling speed	km/h	40						
Main gear shift		8 powershift						
Range gear shift		3-speed synchronized mesh with clutch button						
Shuttle shift		electro-hydraulic shuttle						
Main clutch		multiple wet disc, electro-hydraulically operated						
Brake type		hydraulically operated wet disc brakes, with automatic front axle engagement (4WD)						
WD engagement		electro-hydraulic; ON/OFF/Auto						
Differantial lock F/R		electro-hydraulic differential lock						
ото								
Rear speed PRO	rpm	540/1,000; 540/540 Eco (option)						
Front speed PTO	rpm	1,000 (option)						
Hydraulics								
Pump capacity	l/min	76	i.3		82.5			
3-point hitch		quick-hitch lower link ends CAT 3, telescopic stabilizers						
Control system		position, draft control (lower link type) & mix control						
ift capacity at connected point	kg	5,0	000		6,100			
No. of remote valves			2 :	standard (3rd, 4th option	al)			
Type of standard remote valve			1 D7A FD (floating	g detent) + 1 D/A SCD (s	etent) + 1 D/A SCD (self cancel detent)			
Standard tyres size	F/R	F: 380/70R24,	R:520/70R34	420/70R24, R:520/70R38				
Dimensions & weight								
Overall length	mm	4,3	05		4,460			
Overall heigth	mm	2,830		2,885				
Overall width minmax.	mm	2,275-2,380		2,100-2,325				
Wheelbase	mm	2,435		2,690/2,680 (F-SUS)				
Fread width front	mm	1,565;1,675 1,720;1,765						
rear	mm	1,750;1,8	50;1,860	1,605;1,660;1,755;1,810;1,860				
Turning radius (w/o brake)	m	4.1		4.5				
Tractor weigth	kg	4,300		4,810/5,030 (F-SUS)				
Front loader specifications								
Loader model	<u> </u>	LA1	955		LA2255			
		Height	Power	Height Power				
Maximum lift height to pivot pin	mm	3,700	3,370	4,099	3,7	· ·64		
Lift capacity to maximum								
neight to pivot pin	mm	1,895	1,950	2,137	2,2	212		
Maximum dump angle	deg.	52	63	50	6	0		
Bucket rollback angle	deg.			40				
Raising time	sec	3.8		4.5				
Lowering time	sec	3.3		3.9				
Bucket dumping time	sec	2.1		2.4				
Bucket rollback time	sec	0	.5	3				

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Model	M95GX III	M105GX III	M115GX III	M125GX III	M135GX III
Engine					
Memory A&B preset		•		•	
Constant RPM mode	•		•		
Viscostatic fan	N/A		•		
Engine RPM speed limit	•		•		
Transmission					
Creep range	0		0		
Front suspension	0		0		
Autoshifting mode	•		•		
PTO 540/1000	•		•		
PTO 540/540 eco	0		0		
Auto 4 WD mode	•		•		
Front axle					
Front suspension	0		0		
Front suspension lock	•		•		
Load adjustment of front suspension	•		•		
Hydraulic					
Valve with integral flow control	•		•		
Free-flow return	0		0		
Oil collection tank from QRC	•		•		
Front hydraulic remote valve	0		0		
Independent steering pump	•		•		
Cab					
Cab suspension	N/	'A		N/A	
Air conditionning	•		•		
Sunroof open type	•		•		
Radio	•		•		
Pneumatic seat suspension	•		•		
Instructor seat	•		•		
Multifunction armrest	•		•		
Rear defogger glass	0		0		
Rear sunblind	0		0		
Front additional LED working light	0		0		
Rear additional LED working light	0		0		
Polycarbonate door right side and rear window	c	)	0		
Performance monitor screen	•	•		•	
Loader					
Mechanical joystick control	•	•		•	
Hydraulic self levelling	0		0		
Independent 3rd hydraulic function	0		0		
4th selective function	0		o		
Euro 8 hitch type	•		•		
Anti drop valve	0		0		
Hydraulic quick coupler 2 functions	0		0		

o option • standard



Dormer Road Thame, Oxfordshire, OX9 3UN



