For Earth, For Life Kubota



KUBOTA LX-SERIES

LX-351 - LX-401









The multi talented Tractor that sets standards

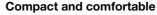
The new LX-Series from Kubota combines the best of both worlds and sets new standards in quality and equipment. Whether mowing lawns, handling materials or maintaining roads – this reliable, compact multi-Talented tractor confidently handles a wide range of tasks in municipal work and related areas with comfort and power.











The new LX-Series tractors prove that compactness and a high level of comfort can go hand in hand. Thanks to their compact dimensions, efficient 3-stage hydrostatic transmission and other useful features, they really come

into their own wherever maximum efficiency and manoeuvrability are called for. A comfortable, ergonomically optimised workplace ensures relaxed, fatigue-free operation, even on the longest working days.



Model	Engine	Transmission	Structure
LX-351	35 hp	HST 3-ranges	Rear ROPS
LX-351	35 hp	HST 3-ranges	Cab
LX-401	40 hp	HST 3-ranges	Rear ROPS
LX-401	40 hp	HST 3-ranges	Cab

Clean performance, through and through

You will enjoy the modern 4-cylinder engines featured in the new LX-Series. These powerful Kubota engines are equipped with a common rail injection system, exhaust gas recirculation and diesel particulate filter. They not only meet the latest EU Stage V emissions standard, but also impress with their low fuel consumption.

Large power reserves for major tasks

With their impressive power reserves and long service life, the LX-Series engines enable you to work economically and productively. The LX-351 and LX-401 models offer an output of 26 kW (35 hp) and 29 kW (40 hp) respectively. The large engine displacement of 1,498 cm³ delivers high levels of torque to ensure ample power reserves.

Modern engine cowling with added value

The modern engine cowling of the new LX-Series tractors immediately catches the eye. Compact and one-piece, its distinctive, dynamic design gives the operator an excellent view of the front working area. It can be opened wide to allow easy access to all maintenance points in the engine compartment. The result is reliable and efficient work.









Low-noise, precise shifting

Kubota has developed a new three-range hydrostatic transmission especially for the new LX-Series. As a result, the "Made by Kubota" transmission has an extremely quiet level and guarantees precise and efficient power transmission – for smooth and always responsive operation.

Full concentration on the task at hand

The automatically controlled hydrostatic transmission lets you control travel speed and engine speed simultaneously for maximum comfort and fuel economy. Versatility and performance are the hallmarks of Kubota's 3-range hydrostatic transmission. Extremely comfortable

and easy to operate, it is guaranteed to provide the right speed for every task. Because there is no need to worry about finding the right gear, you can concentrate fully on your work.





Quieter and more economical at the touch of a pedal

Thanks to the tractor's auto-throttle function, you can synchronise driving speed and engine speed with just one pedal. This simplifies operation, reduces noise emissions and keeps fuel consumption low.



Effortless steering

The LX-Series tractors are equipped with smooth and responsive hydraulic power steering. This makes it easy to use heavy implements or perform front loader work without having to exert a lot of force to steer.



#Cab & ROPS











Full cabin or ROPS version

High levels of comfort all year round or limitless visibility and unobstructed mounting and dismounting? The machines of the new LX-Series are available as full cabin tractors or with an open platform and folding rollover protection system (ROPS).

Comfort and ergonomics redefined

The cabin models of the new LX-Series offer a number of innovations that provide you with an even more comfortable and ergonomic working environment. A cleverly thought-out new operating concept and comprehensive, functional standard equipment make this cabin a workstation in a class of its own.







Taking comfort to a new level

Kubota offers a completely new designed cabin for the LX-Series. The newly designed cabin is easier to access and noticeably quieter when working. As standard, it comes well equipped with air conditioning, loud-speakers, a heated rear window and windscreen wipers front and rear. Both the steering wheel and the controls are comfortable to grip.

Improved operability

Easy to operate and easy to see: This simple formula aptly sums up the new operating concept of the LX-Series. All frequently used levers and switches are located to the right of the operator, while less commonly used controls are located on the left. This reorganisation means that every control is intuitively and safely positioned.

Always optimally connected

These tractors provide the ideal conditions for smooth communication in the field. Thanks to the USB charging socket and special storage compartment, your smartphone is always charged and ready to hand.

On the safe side

Security is a top priority on the LX-Series. The tractors are protected by a code-protected anti-theft function with a three-digit access code.

Operating the PTO shaft externally

Practical, convenient and safe at the same time. The machines have an external switch at the rear that allows you to switch the PTO on and off from outside the cabin. This is useful when operating PTO-driven implements such as log splitters, saws, cement mixers, etc. while stationary.

Versatility comes as standard

To ensure that you can fully exploit the versatility of these new compact tractors, they are equipped with a powerful hydraulic system. This enables you to productively operate a wide range of implements.



Sturdy lifting power

With a lifting capacity at the rear of up to 1,150 kg, you can really load up these new compact tractors – and you can take that literally with the LX-Series. If you want to use the front attachment space as well, a front hitch with front PTO is available as an option for these machines.

Powerful hydraulic pump

This enables you to handle a wide range of implements with ease. The tractors feature a hydraulic pump with a flow rate of 20.4 l/min for the three-point linkage and 15.4 l/min for the power steering.

Highly equipped as standard

The tractor comes from factory with 2 double acting valves at the front and 2 double acting valve at the rear. Ready to handle the most demanding equipments.

Centrally regulated control valves

Another practical innovation is the new multi-function valve. With just a single lever, you can independently control the two front and the two rear control valves, which come as part of the standard equipment package.





Best maneuverability in its class

In many applications – whether mowing, sweeping or carrying out front-loader work – greater maneuverability translates into increased productivity. The front axle with bevel drive and the Bi-Speed system give Kubota's new compact tractors the best manoeuvrability in their class.

Compact and versatile

Fitted with Garden Pro tyres, the cabin models have a width of just 1.25 m and the ROPS models just 1.22 m. The compact design of the LX-Series tractors makes them the machine of choice for a wide range of applications. Depending on your needs, you can choose from a wide range of tyre types, including agricultural, turf, industrial and mixed tyres.

Tightest turning radius on the market

Kubota is the creator of "Bi-Speed" technology and has always been the pioneer in maneuverability. The Bi-Speed system significantly improves the steering performance of the LX-Series tractors, making them more agile than the competition. When the steering angle of the front wheels exceeds a certain value while operating in four-wheel drive mode, the speed of the front wheels is doubled compared to that of the rear wheels. The result is smoother, much tighter cornering with more ground protection. Tyre wear is minimised and the turf is protected.

Front axle with bevel gear drive

The front axle with double bevel gear drive also makes an important contribution to the outstanding maneuverability of the machines. The entire drive system operates in an encapsulated oil bath and eliminates the need for open drive shafts. The large steering angle makes the compact tractors simple to maneuver, even in tight spaces, with a minimum turning radius of 2,2m.

High ground clearance

The front axle design provides excellent ground clearance of at least 24 cm. This means that you can drive over even high kerbs with confidence, without causing any damage to the tractor.



Versatility in all situations

Powerful optional attachments significantly expand the range of applications and workload of the LX-Series. The new LA545 front loader from Kubota has been designed for quick and easy attachment and removal, increasing productivity. There is also a grass collector for the Mid Mounted mower deck.

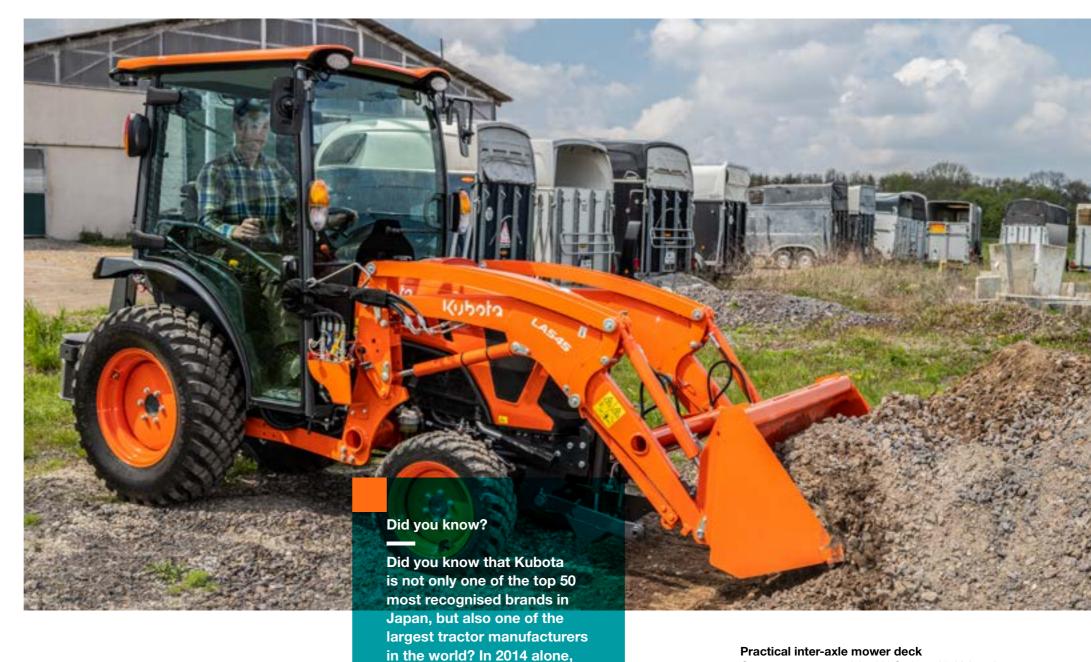
Easy mounting and dismounting without leaving the machine

With the LA545, Kubota has introduced a completely new front loader as an option for the LX-Series. This boasts a self-levelling system and can be easily controlled by the driver. The highlight, however, is the new optional **swift tach** function for easy attachment and detachment of the front loader. This feature is the only one of its kind on the market and allows you to attach and detach the loader in just two minutes without stepping out of the tractor.

Generous lifting capacity

With a maximum lifting capacity of 625 kg and a bucket height of 2.19 m, even heavy loads can be lifted up high with the LA545. Pallet fork, bucket, 4-in-1 bucket – thanks to various tools, it has an extremely wide range of possible applications.





Practical inter-axle mower deck

Get even more out of the LX-Series with Kubota's new optional mid-mount mower deck. This has a working width of 1.53 m and is available with both side and rear discharge.

The ideal PTO speed at all times

Kubota produced more than

180,000 tractors.

Talking of the PTO, the machines are equipped with a 540/540 ECO PTO as standard. This means you always have the right PTO speed for the job at hand. With the 540 ECO setting, you can also reduce fuel consumption for implements that do not require much power. The tractor features also as standard a mid- PTO (2.460 rpm) for driving a mid-mounted mower.



Getting the most out of your tractor, long term

Kubota makes your life easier and our Kubota Care Extended Warranty keeps your tractor running as smoothly as it did on day one. This ensures that the value of your machine is reliably protected, far into the future.



The Kubota name is widely respected for representing top Japanese quality. All Kubota machines are designed for the toughest working conditions and long running times. Even so, it is impossible to avoid unforeseen damage over the years. With Kubota Care, you can easily cope with the risk of unexpected costs in the future. At the same time, you can avoid unplanned downtime and stay profitable over the long term.

The perfect solution

Kubota Care takes one potential worry out of working life. This service package offers you maximum operational and cost security as well as complete protection beyond the usual warranty obligations. Kubota Care provides you with a full extended warranty of up to 5 years or 5,000 operating hours (whichever comes first).

Full Warranty Coverage

What does Kubota Care cover?

Kubota Care is a comprehensive warranty extension that covers all components which are covered during the contractual warranty. And if a warranty repair is necessary of course no deductible will be charged to you!



Kubota Care Benefits



Price Increase Protection Protects you against

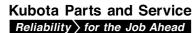


Parts price increaseLabour price increase



Genuine Parts

Protects your machine through exclusive usage of Kubota Genuine Parts.





Cost Protection No hidden costs!

No hidden costs! No deductible!



Dealer Contact

In case of a claim your dealer is your only contact person. That means no hassles with third-party providers, everything works smoothly.



Professional Treatment

Nobody knows your machine better then Kubota trained technicians. Operated with specialised tools qualified by the manufacturer.



Resale Value

Increase your machines resale value. Kubota Care is transferable to the new owner



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#Technical data

Model	LX-351 LX-401		
Engine			
Model	V1505-CR-TE5		
Туре	Direct injection, vertical, water-cooled, 4 cycle diesel		
Number of cylinders	4		
Engine power ECE R120 kW (PS)	25.6 (34.8) 29.3 (39.8)		
Total displacement cc	1,498		
Maximum torque Nm (kgf m)	111.0 (11.3) 117.5 (12.0)		
Rated revolution rpm	2,700		
Fuel tank capacity	32		
Travelling system			
Transmission	Main hydrostatic transmission, 3 ranges		
Tires (turf) Front	24 x 8.50–14		
Rear	13.6–16		
Steering	Hydraulic power steering		
Braking system	Wet disk type		
Minimum turning radius with brake m	2.2		
PTO			
PTO power kW (PS)	21.3 (29.0) 24.3 (33.0)		
Rear PTO	SAE 1-3/8,6 splines		
PTO/engine speed rpm	540/2,670, 540E/1960		
Mid PTO	USA No. 5 (Kubota 10-tooth) involute spline		
PTO/engine speed rpm	2,460/2,700		
Hydraulic unit			
Pump capacity //min	3P: 20.4, power steering: 15.4		
3-point hitch	SAE category 1		
Hydraulic control system	Position control		
Max. lift force At lift points kg	1,150		
600 mm behind lift points kg	890		
Remote hydraulic control	4 double acting valve (M.F.V.) 2 front/2 rear		
Dimensions			
Overall length without 3P (rops/cab) mm	2,983		
Overall width rops mm	1,339		
minimum cab mm	1,311		
Overall height rops mm	2,386		
Overall height cab mm	2,167		
Wheelbase (rops/cab) mm	1,695		
Minimum ground clearance mm	243		
Tread Front (rops/cab) mm	1,082		
Rear (rops/cab) mm	992 - 1056 / 964 - 1056		
Weight (rops/cab) kg	1,015/1,1185		

The company reserves the right to change the above specifications without notice.









Model		LX-351/LX-401
A Total length (rops/cab)	mm	2,983
B Wheelbase (rops/cab)	mm	1,695
C Height (rops/cab)	mm	2,386/2,167
D Width min. (rops/cab)	mm	1,339/1,311
E Track width min.	mm	1,024
F Ground clearance min.	mm	243

Front loader model	LA545
Fitting to base machine	LX-351/LX-401
Manufacturer	Kubota
Max. lift height (to bucket pivot pin) mm	2,187
Max. lift height (under level bucket) mm	2,040
Clearance with bucket dumped mm	1,769
Max. dump angle	37
Bucket rollback angle °	31
Digging depth mm	126
Overall height in carrying position mm	1,153
Max. lift capacity kg	625
Breakout force (at pivot point) kN	9.93
Weight kg	204

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Kubota (U.K.) Limited

Dormer Road Thame, Oxfordshire, OX9 3UN

http://www.kubota.co.uk

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