For Earth, For Life

Kubota

FC3

KUBOTA FC3 SERIES

FC3-261



The Comfortable Workhorse



**The robust large area mower Kubota FC3-261 offers high working comfort and cutting performance for mowing large lawns.
The optimized workplace with a high level of operator and driving comfort leads to increased work productivity.**

Convincing performance



The liquid-cooled, 3-cylinder diesel engine is fuel-efficient, has low-emission and is easy to maintain. The patented HTC™ hydrostatic traction control system ensures excellent traction in all conditions.

#Highlights



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.

Trend-setting in the best sense

When mowing large lawns, two factors count above all: working comfort and cutting performance. The FC3-261 from Kubota offers you both in perfect combination. The robust high volumn mowers enable you to achieve excellent green area maintenance that will utterly convince you.

Parks, sports turf, gardens – public and private and other green areas each have their own requirements and challenges. The FC-261 provides the power and performance needed to tackle a wide variety of terrain and turf conditions with the best results.



Operator platform

The spacious operator platform and comfortable driving position, along with the Deluxe comfort seat, make long workdays easier. All control levers and operating switches are located in the right console, including a USB port and a holder for the smartphone.

ROPS

The robust roll-over protection system (ROPS) provides safe protection for the operator. Thanks to the fold-down bar, low-hanging branches or low entrances are no obstacle.

Grass collector

The large-volume grass collector with a clearance height of up to 2.05 meters has a generous capacity of 800 litres. This means longer time spent collecting and less time spent emptying.

Hydraulic system

The high-power hydraulic system provides effortless power steering, convenient hydraulic dumping of the cargo area and hydraulic connections for connecting implements.

Engine

Kubota‘s high-torque, liquid-cooled, 3-cylinder, EU Stage V diesel engine is fuel-efficient, has low-emission and is easy to maintain.

Mower decks

The mower decks are free to follow any ground contour. Possible damage to the turf is therefore minimized. Even under demanding conditions, they always guarantee an excellent cutting quality.



4-wheel drive

The permanent 4-wheel drive, together with the differential lock, allows the machine to operate in almost all conditions.

Transmission

All components of the HST transmission are designed to ensure maximum productivity and operator comfort. Infinitely variable speed control of up to 15 km/h is possible.

Protection of operator and turf
The patented HTC™ hydrostatic traction control system ensures excellent traction in all operating situations. It not only provides greater safety for the operator, but also protects the turf by eliminating slippage.

Driving on public road
Equipped from factory with lights, indicators, horn and all mandatory elements, the FC3-261 comes as standard with road homologation.

Highly productive mowing
Depending on your needs, you can choose between powerful rotary mower decks and flail mowers decks. The suction turbine ensures a smooth flow of the cut material into the grass collector, which impresses with a capacity of 800 litres

Made by Kubota
The FC3-261 as well as the rotary and flail mowers are manufactured by Kubota. The in-house production gives you double security: You can be sure of reliable delivery and benefit from the high quality „Made by Kubota“.

#Working comfort

Operator and driving comfort with added value

The Kubota FC3-261 is an ideal example of how a workplace optimized for the operator leads to increased work productivity. Kubota focuses on a high level of operator and driving comfort on the mower, which pays off in the daily work.

The FC3-261 features an innovative monocoque platform that offers great robustness with low weight. It is mounted on silent blocks that ensure less vibrations are transmitted to the operator. The hinged seat frame allows better accessibility for servicing the driveline. The easy-to-read digital instrument display informs the operator of all important information such as the set speed and operating function.

Optimum seat comfort
The mower's Deluxe driving seat has an reclining backrest and adjustable armrests. You can adjust it to provide you optimal seating comfort. The driver's seat is not only very comfortable, but also easy to clean thanks to a wipeable plastic cover.





Individually adjustable steering wheel
The steering wheel can be easily unlocked and tilted forward. This makes it easier to get in and out. Not only that, you can also adjust the steering wheel individually to a driving position that is comfortable for you.

Full visibility on your work
The open platform allow you to have a complete front visibility. Mirrors and lights are positionned in a optimum place to allow this visibility. Moreover the strong and thin steering column also improve front visibility.



Work in the dark included
Darkness doesn't have to keep you from working with the Kubota FC3-261. Its LED lights on the front and side provide excellent visibility even at night. The fold-back bracket of the side lights prevents damage when operating in very tight areas.

Practical details
The FC3-261 has a USB port for charging devices such as smartphones or tablets. The phone holder is conveniently positioned for storage and charging. The mower also has a storage compartment under the driver's seat. This can be used to store documents such as the operating manual.

Battery in focus
The battery for powering all electrical components is conveniently located at the front of the mower. The battery disconnect switch is useful when the battery is stored for long periods. The easily accessible 12V auxiliary socket right next to it provides external power. A battery jump start connection and jumper cables are also standard equipment.





#Engine



Clean engine power that pays off

Kubota‘s three-cylinder D1105 engine is not only powerful, but also fuel-efficient and emission-friendly. Another plus is its ease of maintenance, which keeps daily checks pleasantly short.

Kubota‘s liquid-cooled D1105 three-cylinder diesel engine with emission level stage V produces 26 hp (19.2 kW) from a 1.123 litre displacement. The engine is not only powerful, but also fuel-efficient thanks to the Kubota E-TVCS inline fuel injection system. Together with the 30-litre fuel tank, a long workday is guaranteed without having to refuel.

Efficient combustion process
The sophisticated Kubota-exclusive E-TVCS (Three Vortex Combustion System) combustion system not only ensures an efficient combustion process in the engine through an optimal air-fuel mixture, but also reduces noise and emissions. Improved power output, lower fuel consumption and smooth engine start-up are the result.

Inspection and maintenance made easy
The easily removable engine cover gives you complete access to all maintenance points in the engine



compartment. This makes regular inspection and cleaning a breeze. Components such as the air filter are quickly accessible and easy to remove. The pre-cleaner for the engine air filter removes heavy dust and debris and extends the service life of the filter, while the radiator debris screen protects the engine from overheating.

#Driveline

Making work even more productive and comfortable

The hydrostatic transmission (HST) of Kubota‘s FC3-261 offers smooth operation for the best performance. All components of the transmission are designed to ensure maximum productivity and operator comfort.



Patented hydrostatic traction control
The patented HTC™ hydrostatic traction control ensures excellent traction under all operating situations. Thanks to separate drive motors on each axle, the speed of the two axles can be controlled independently. This results in several important advantages, such as permanent traction on all four wheels when turning, greater safety for the driver thanks to constant 4-wheel drive, and no damage to the turf as no slippage occurs.

Convenient forward and reverse driving
The two-pedal operation is another feature of the FC3-261 that provides convenience and ease of use. The two pedals control the forward and reverse movement of the machine, which can reach a forward speed of up to 15kph. Hydraulic power steering simultaneously provides effortless maneuvering around trees and other obstacles.

Secure stop
The park brake is locked and unlocked by a pedal. On incline terrain, it ensures safe and reliable stopping and parking. Also pedal-operated is the differential lock, which allows you to react quickly to wheel slippage and prevent damage to the turf. The pedal is activated by the operators heel, which means that it does not obstruct the platform area.



#Mower Decks

Excellent cutting performance in all conditions



The secret of success for excellent cutting quality is undoubtedly the mower decks of the FC3-261. The two rotary mower decks and the flail mower deck guarantee a clean, precise cut, on demanding lawns as well as in dense, tall grass.

Front mower decks offer decisive advantages over mid-mounts. These include a better quality of cut because the grass is not run over over before cutting, better maneuverability and cutting in areas that cannot be reached with mid-mounted mowers, and better adaptation to ground contours for a more precise cut. You'll also like this: The FC3-261's independent, belt actuated PTO drive for the decks requires little maintenance.

Mow faster and better
An optional 50" (1.26 m) wide rotary mower and a 51" (1.30 m) wide rotary mower with reverse rotation are available for the FC3-261. With the reverse direction of rotation, the blades rotate in the opposite direction as those on a conventional rotary mower. Combined with the underbody design as well as the rear discharge with a short travel to the collector, the result is a fine cut pattern as well as faster mowing with better results.



„Swing-back" twin blades
The front mower decks for the FC3-261 are equipped with „swing-back" twin blades to absorb shocks and protect the driveline from being hit by foreign objects in the grass. The overlap of the blades and the fact that there are pairs of blades (4 per rotor) as opposed to the normal 2 blades per rotor, ensures a precise fine cut and prevents grass and soil debris from accumulating in the housing. This results in fewer interruptions to clean the mowing deck.

3x1 Flail mower : cut, collect and scarify
As an option, there is also a flail mower deck with a width of 1.35 m (53"). Whether fine or dense grass, the choice of different blades – spoon blades (standard) and Y-blades (option) – means you can achieve a satisfying result anywhere. By combining these blades with vertical blades (option), you can additionally aerate the soil. Changing blades is easy: thanks to the innovative, patented „Smart System" magnetic pin system, you can do it in less than 15 minutes.

Easy handling
You simply adjust the mower deck height with a lever. This allows the mower deck to return to the required cutting height every time. Its maintenance-free, puncture-proof solid rubber tyres are extremely durable.

Useful accessories
Useful accessories allow you to exploit the machine's potential even more. You can use the vaccum hose at any time of the year to vacuum dry leaves and other light material from paths and public sidewalks. The hydraulically liftable and angled snow blade makes using the FC3-261 productive even in winter.

Switch from collecting to discharging in a second
Thanks to the design of the flail mower you can close or open a flap. In open position with the turbine on all the material is vaccumed to the grasscollector. In closed position you can turn off the turbine and the cut material will remain on the ground.

#Grass Collector

Powerful duo for optimum results

The combination of a powerful, patented suction turbine and a large-volume grass collector for high-level discharge is perfect. It guarantees a fast and smooth collection and discharge of various cut materials.





Unique suction turbine

The centrally located, compact suction turbine is an integral part of the machine. The patented design offers clear advantages: The collection process is more effective, as the cut grass has to travel a shorter distance than with most other systems. The shorter transport distance also means that the turbine and the collection tube does not become blocked. The center of gravity lies in the middle, which provides greater stability and balance of the machine. It also keeps the machine compact, making it extremely maneuverable.

Exceptionally versatile

The suction turbine and the collector can be used with a variety of attachments. Using the ON/OFF switch, you can “disconnect” the turbine depending on the attachment being used.

Grass collector for high dumping

Raise, lower, tip, retract – you operate the 800-litre capacity grass collector conveniently from the operator‘s seat using the single-lever joystick. The maximum unloading height is 2.05 meters. Unloading is absolutely safe for you and bystanders. A hydraulically operated parallelogram system and a high tipping clearance allow effective and safe unloading.

Maximum utilization

Several features within the grass collector ensure that the collection system can be fully utilized. These include the screen, which regulates airflow during operation, and the motor-driven deflector and load distributor, which distributes grass cuttings throughout the entire collector tank. The „tank full“ alarm prevents overloading. Since you have to unload less frequently, more productive work time is the result.

Safety during maintenance

Safety latches on the two collector lifting cylinders ensure that you can carry out checks and maintenance in the engine compartment in complete safety.



#Technical data

Model		FC3-261 (4WD)
Version		Out front mowers
Engine		
Manufacturer		Kubota
Model		D1105
Emissions	Stage	5
Cylinder	n°	3
Displacement	cc	1123
Air filter		Dual stage
Gross power (SAE J1995)	hp/kW	26/19.2
Engine rated speed	rpm	3300
Fuel tank capacity (std)	litres	30
Transmission		
Manufacturer		Kubota Gianni Ferrari
Transmission type		Hydrostatic Transmission (HST)
Speed range		1
Forward speed	km/h	15
Reverse speed	km/h	10
Drive wheel type		4WD
Hydrostatic Traction Control (HTC)		●
Mechanical differential lock		●
Drive system to the PTO		Belt
Front mower deck system		
Drive system to the deck		Cardan shaft
Drive system to the mower blades		Gearboxes
Discharge direction		Rear
Front hydraulic outlets		2
Collector		
Suction turbine		Centrally mounted
Turbine on/off switch		●
Grass collector capacity	litres	800
Max. unloading height	cm	205
Operator station		
ROPS		Foldable
Mounted on silent block		●
Instrument panel		LCD Display
Headlight		LED
Road light kit		●
USB socket		●
Dimensions and weights		
Front tyres		23 x 10.5 - 12 (Turf)
Rear tyres		16 x 7.50 - 8 (Turf)
Wheelbase	mm	1260
Overall length (Without mower deck)	mm	2270
Overall length (With mower deck)	mm	2790
Overall height (With ROPS upright)	mm	2050
Overall height (With ROPS folded);	mm	1700
Overall Width (Without mower deck)	mm	1140
Total weight (Without mower deck)	kg	1060
Maximum permissible front axle weight	kg	1200
Maximum permissible rear axle weight	kg	550
Maximum permissible total weight	kg	1600

Front loader model		Rotary mower deck RC 50C	Rotary mower deck RCR 51C	Flail mower RCF 53C
Rotation		Regular	Reverse	-
Discharge			Rear	-
Cutting width	mm	1260 (50")	1300 (51")	1350 (53")
No. of blades		2	2	Spoon blade kit and vertical blade kit (28 pieces) Y blade kit (56 pieces)
Blade length	mm	247 (single blade)	218 (single blade)	-
Cutting height range	cm	2 ÷ 8	2 ÷ 8	16 ÷ 69 mm (“Y” blades) / 19 ÷ 72 mm (spool blades)
Adjustment of cutting height		●	2 front / 2 rear rollers	-
Anti-scalp rollers / Gauge wheels		2 front / 2 rear rollers	●	-
Weight	kg	106	150	260

std ● / opt ○ / available ▫ / not available -

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v_1/2023

