

# FC4-501

## Product Value Presentation





Technical Data



Operators Environment

Options and Accessories



Engine



Driveline



Mower Deck



### Introduction

The Kubota FC4-501 is the flagship of the out-front collection mower range. This 50hp model is built to handle very large areas and provide the ultimate cut and collection system.

High productivity with fine cut finish are two of the key features on offer with this machine. With the deck being front mounted, it produces the correct air pressure within the housing to provide a smooth flow of grass cuttings. The front of the housing is higher than the cutting level of the blades. These elements enhance cut quality and productivity.

This flagship model has a high level of comfort as paramount. Designed and built to handle long working days, a super deluxe air suspension seat is fitted as standard. Anti-vibration mounts and a large foot platform enhances the comfort.

Access to all key areas is unbeatable and ensures minimal downtime is taken checking and maintaining these machines.

The opportunities for the FC4-501 are endless.

### **Parks and recreation**

Large areas cut quickly and effectively.

Front mounted allows the cutting of awkward areas which mid-mounted mowers can not access. Contour following decks.

### **Golf courses**

Perfect on general and rough areas on the edge of the fairways.

### **Sports fields and pitches**

General mowing maintenance where large areas are required to be cut quickly and efficiently. The clean cutting system is ideal for sports pitches and grounds demanding a pristine presentation. The suction turbine allows work to be carried out even in damp conditions.

### **Potential customers**

- Professional landscape contractors
- Sports / Golf clubs
- Large private estates
- Local authorities / Municipality
- Turf farms
- Holiday parks / Camp sites



- Kubota 4-cylinder V2434cc diesel engine. Stage V with DPF emission control.
- HST transmission with twin pedal operation.
- 2-range speed option. Infinite speed control up to 24 Km/h.
- Suction turbine. Provides fast and effective transfer of cut material.
- High dump, large capacity 1300 litre collector with parallelogram raise/lower system.
- Differential lock.
- Permanent 4WD.
- Ultimate comfort. Air suspension seat, armrest controls, “Silent block” mounted platform and anti-vibration pads.
- External control panel. Raising of the grass collector and operator platform to allow complete access for checking and maintenance. Carried out in complete safety.
- Foldable ROPS.
- Choice of rotary or flail mower deck. Either option comes with collector system.
- Generous sized storage facility, including a USB charging point.



## Key differences between the FC3-261 and FC4-501



	FC3-261	FC4-501
<b>Engine</b>	Kubota D1105 3-cylinder 25hp	Kubota V2403 4-cylinder 50hp
<b>Emission control</b>	Not required	DPF + DOC
<b>HTS speed range</b>	Up to 15kph. Single range	Up to 14kph low range / Up to 24 kph high range
<b>Operator seat</b>	Mechanical suspension with RH console	Air suspension with armrest console
<b>Collector system</b>	800 litre capacity	1300 litre capacity
<b>Mowers</b>	Rotary – 1.26m or 1.3m / Flail – 1.35m	Rotary – 1.5m / Flail 1.6m
<b>External control panel</b>	NA	Standard

## Manufacturing

The manufacturing plant that produces both the FC3 and FC4 models is a Kubota owned facility in Italy.

Apart for the Kubota engines and hydrostatic units, the other key areas like the chassis and operator platform are manufactured “In-house”.

All mower decks (Rotary and flail) are also manufactured in the factory. Even wiring harnesses are made internally.

The result of having the vast majority of the machine manufactured internally means that the factory is not as vulnerable to component delivery delays and supply issues and also quality control responsibility is within the company.





### Safety features

- OPC – Operator Presence Control. If the operator leaves the seat whilst the PTO mower deck drive is running, the engine will stop.  
(If the parking brake is engaged only the PTO switches off, otherwise the engine also switches off)
- PTO drive engage lever – This lever must be in the dis-engaged position before the machine will start.
- HST forward/reverse pedals - Both pedals must be in the “Neutral position” before the machine will start.





# Operators

# Environment





## Operator platform overview

The operator platform is a key area to the success of the machine.

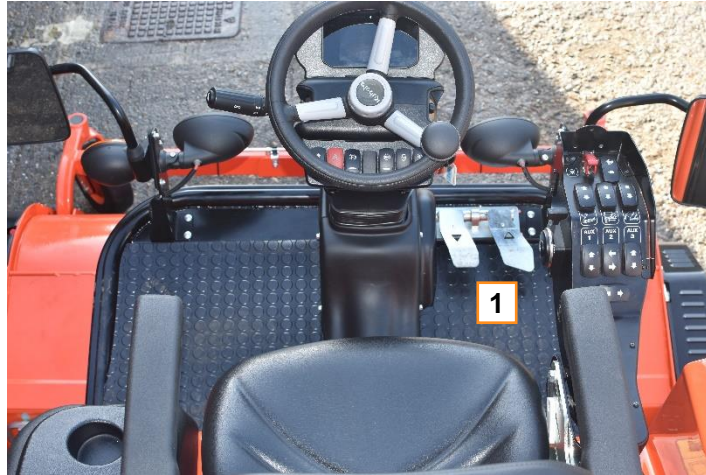
These machines are bought to perform long seasonal working days. Comfort is a priority.

To enhance the comfort, an air suspension seat is fitted as standard. Within the seat is an armrest console which moves with the seat so the main operating controls are always within easy reach.

The platform is suspended on rubber mounts which dramatically reduce any vibration that might be transferred from the chassis structure. A large floor area with a padded rubber flooring adds to the overall comfort. Generous storage with USB port charging facility is also appreciated. Rear view mirrors and work lights adds to the excellent all round visibility.



1. HST drive pedals
2. PTO engagement
3. HST speed range
4. Deck raise/lower
5. Grass collection system raise/lower
6. Grass collection system tip/retract
7. Auxiliary valves
8. Parking brake
9. Differential lock
10. Armrest hydraulic functions lock
11. Flashing beacon



### External control panel

1. Lock / Unlock Operator platform
2. Operator platform raise / lower
3. Deck raise / lower
4. Grass collection system raise/lower
5. Grass collection system tip/retract
6. Suction turbine disengagement
7. Consent button
8. Electric pump operation



### TECHNICAL FEATURE

#### Easy accessibility

To allow access to all areas of the machine for checks and maintenance, extreme safety must be paramount.

The external control panel allows the operator to raise both the grass collector system and operator platform.

When raised, a locking valve secures the platform in the raised position and safety latches can be applied to the collector frame.

To allow the operator to raise/lower from the control panel with the engine running, the consent button must be pressed in conjunction with the relevant switch.

The operation can also be carried out with the engine OFF. Press both the consent button and electric pump button together in conjunction with the relevant switch.



### ADVANTAGE

- Access to major areas of the machine carried out in safety.

### BENEFIT

- ✓ No major loss of downtime accessing key areas.



Control panel



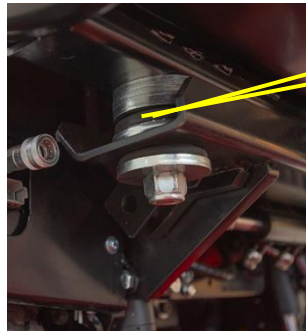
Electric pump



Locking valve

## TECHNICAL FEATURE

### Anti-vibration



## ADVANTAGE

- “Silent block” rubber mountings for the operator platform.
- Rubber pads located between the machine frame and the collector lifting frame.

## BENEFIT

- ✓ Rubber mounts and pads dramatically reduce any vibration created during operation.
- ✓ Enhanced comfort for the operator.

### TECHNICAL FEATURE

**Operator seat**



### ADVANTAGE

- Deluxe air suspension seat with reclining backrest, adjustable armrests and seat belt.
- Wipe-clean plastic cover.

### BENEFIT

✓ Ultimate driving comfort.

### TECHNICAL FEATURE

**Armrest console**



### ADVANTAGE

- Compact design with controls positioned at the optimum angle.
- Fully reclining to allow access from both sides.

### BENEFIT

✓ Enhanced comfort.



### TECHNICAL FEATURE

## Lighting



### ADVANTAGE

- Powerful forward tilt adjust work lights.
- Full regulation lighting.

### BENEFIT

- ✓ Wide arc lighting allows the operator to see the ground conditions at both the front and side of the deck .

### TECHNICAL FEATURE

## Battery disconnect



### ADVANTAGE

- Battery disconnect switch. Useful if storing the machine over winter.
- Key can be removed if the machine is left in a compound overnight.

### BENEFIT

- ✓ Safe storage and additional security.

### TECHNICAL FEATURE

### ADVANTAGE

**ROPS  
protection**



- Complete roll-over protection system (ROPS) to keep operator safe during operation. Neat fold-down bar allows operation under low hanging tree branches.



### BENEFIT

- ✓ Safety assured for the operator.

### TECHNICAL FEATURE

### ADVANTAGE

## Steering wheel adjustment

Tilt Fore/Aft



It is the same adjustment lever for both operations. Move the lever up / down to tilt the steering console.

- Complete adjustment range to suit any size of operator.

Pull the lever away from the console to adjust the height. When adjusted, push back to lock height position.

Height adjustable



### BENEFIT

- ✓ Comfortable driving position is essential during long day operations.
- ✓ Easy / entry exit with moveable steering wheel.

### TECHNICAL FEATURE

#### Allround visibility



### ADVANTAGE

- Good vision to the front and either side of the deck.
- Narrow steering column and front light positioning does not restrict visibility.

### BENEFIT

- ✓ Good vision around the deck area prevents accidental damage which could result in costs and downtime.

### TECHNICAL FEATURE

#### Storage compartment



### ADVANTAGE

- Large storage area for documents.
- Magnetic closing lid.

### BENEFIT

- ✓ Excellent storage facility.
- ✓ Secure lid fastening to prevent annoying rattling during operation.

### TECHNICAL FEATURE

#### USB port



### ADVANTAGE

- Safe and secure location.
- Protected in dusty conditions.

### BENEFIT

- ✓ Good location with added protection.



# Engine

	FC4-501
Engine	V2403CR E5
Displacement (cc)	2434
Cylinder	4
Bore / Stroke (mm)	87 x 102.4
Gross power (hp / kW)	50.2 / 37.3
Injection	Common rail
Emission control	Stage V DPF + DOC
Aspiration	Natural
Rated speed (rpm)	2700
Service intervals (hrs)	500



The Kubota V2403 diesel engine

Key points:

- Kubota manufactured unit
- 4-cylinder liquid cooled
- Clean power using the Kubota E-TVCS (Three vortex combustion system)
- DPF stage V emission control
- Common rail fuel injection
- Fuel tank capacity of 40 litres
- Easy access for checks and maintenance





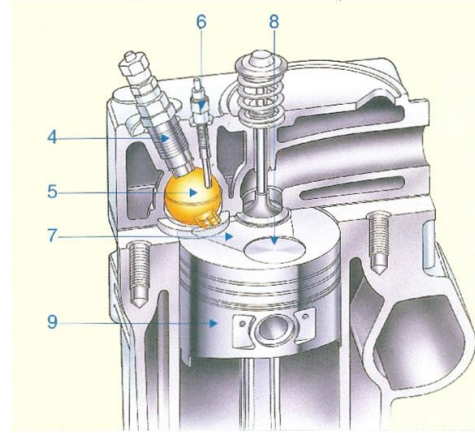
## TECHNICAL FEATURE

## ADVANTAGE

## Kubota E-TVCS (Three vortex combustion system)



1. Throat of Combustion Chamber
2. Combustion Chamber
3. Three Vortex
4. Injection Nozzle
5. Combustion Chamber
6. Glow Plug
7. Recess Concave
8. Valve Recess
9. Piston



The concave recess on the piston head helps Kubota's E-TVCS (Three Vortex Combustion System) generate three intense swirling air flow (vortexes) within the spherical-combustion chamber to obtain an optimum air/fuel mixture.

- Efficient and effective combustion process.
- Reduced noise and emissions.

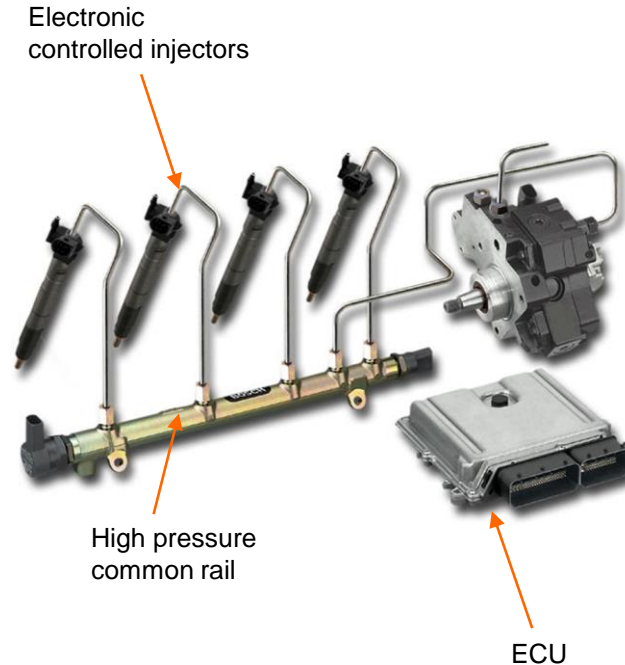
## BENEFIT

- ✓ Improved power output
- ✓ Reduced fuel consumption
- ✓ Smooth engine start-up

## TECHNICAL FEATURE

### Common rail fuel injection

The ECU (Engine Control Unit) constantly monitors the engine performance and controls when the injectors deliver fuel and the required amount.



## ADVANTAGE

- High pressure fuel injection system.
- Instant delivery of fuel to the engine ensures consistent performance.
- Optimized combustion.

## BENEFIT

- ✓ Reacts instantly to differing engine loadings.
- ✓ More durable and quieter engine with higher fuel efficiency.

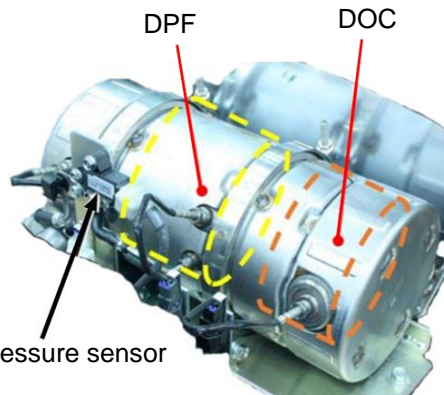
## TECHNICAL FEATURE

### DPF (Diesel Particulate Filter)

### DOC (Diesel Oxidation Catalyst)

The DPF is a filter and takes care of Particulate Matter (PM) (Soot particles) : There is no limitation on engine performance.

The DOC not only reduces the NOx emissions but increases the temperature allowing a continuous minimum regeneration in the DPF.



The **differential pressure sensor** is an electronic **sensor** that measures back **pressure** before and after the **DPF** and determines the level of soot contained within the **DPF**.

## ADVANTAGE

- No compromise on compact engine dimensions.

## BENEFIT

- ✓ No restriction to all-round operating visibility.

## TECHNICAL FEATURE

### DPF maintenance

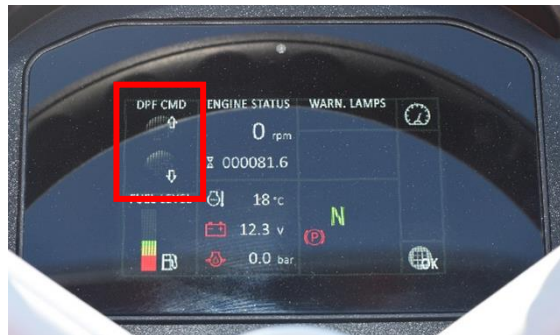
With the DPF being a filter, it will require periodic cleaning which is called regeneration.

A light on the instrument panel alerts the operator when regeneration is required.

Regeneration will begin automatically when starting the engine and the exhaust temperature will rise and “burn-out” the soot particles to clean the filter.

If the operator chooses to delay the regeneration process, the rocker switch arrow down can be pressed.

The operator can decide to carry out a parked regeneration by pressing the rocker switch arrow up.



## ADVANTAGE

- Compact Unit.
- Override option.

## BENEFIT

- ✓ No restriction to all-round operating visibility.
- ✓ DPF regeneration can be done at the operator's convenience.

### TECHNICAL FEATURE

**2 Electric reverse cooling fans**

**1) Engine cooling radiator**

**2) Hydraulic oil cooler**



The machine is equipped with an automatic system that reverses the direction of rotation of the radiator fans, blowing away impurities from the protective grill.

### ADVANTAGE

- 2 electric fans for a more reliable cooling
- Automatic reverse fans for a more efficient cleaning on the go.
- Easy opening sand access system

### BENEFIT

- ✓ Reacts instantly to differing temperatures.
- ✓ Efficient air flow for cooling ensures no potential overheating problems.
- ✓ Easy maintenance and cleaning operations.

## TECHNICAL FEATURE

### Maintenance access



## ADVANTAGE

- Hinged engine cover with gas strut retention.
- Side panel removal allows complete access to the engine compartment.
- Double stage air filter.
- Pre-cleaner.

## BENEFIT

- ✓ Easy access encourages regular checks and maintenance.
- ✓ Prolonged filter life.



Superb battery access



Air cleaner filter



Vortex pre-cleaner removes the heavy dust and debris



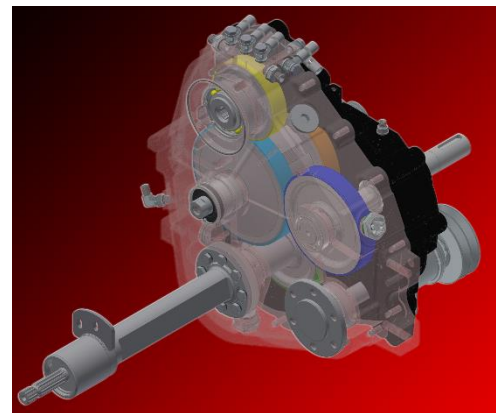
# Driveline



The HST transmission (Hydrostatic Transmission).

Key points:

- Dual pedal operation for forward and reverse direction
- 2-speed range selection (Work – 0-14kph / Road 0-24kph)
- Infinitely variable speed up to 24kph
- Differential lock
- Switch operated parking brake
- 4WD
- Outstanding access for checks and maintenance





## TECHNICAL FEATURE

### Transmission

Variable displacement axial piston pump.

Axial piston motors with reduction gears on both front and rear gear drive axles.



The transmission drive can be controlled in two ways:

- Set the hand throttle to maximum rpm and accelerate the forward speed through the drive pedals.
- Using the DEC™ (Dynamic Engine Control) with which the engine rpm is controlled both through the hand throttle lever and through the forward and reverse pedals, as in the automotive system: pressing the pedal, the engine revs and the machine accelerates, while releasing the pedal the engine speed decreases and the machine decelerates. The hand throttle lever sets the minimum rpm.
- Manually use the hand throttle lever to achieve the max speed.

## ADVANTAGE

- Separate drive motors on each axle.
- No transmission drive shaft connecting the two axles.

## BENEFIT

- ✓ No transmission drive shaft between the front and rear axle allows the engine to be fitted between the axles.
- ✓ Optimal centre of gravity is achieved.

## TECHNICAL FEATURE

### HST motion pedals



## ADVANTAGE

- Dual pedal operation.

## BENEFIT

- ✓ Comfort and ease of use.

## TECHNICAL FEATURE

### HST 2-speed range



## ADVANTAGE

- High (Road) or low (Field) range option.
- Up to 24 kph forward speed.

## BENEFIT

- ✓ Easy to change for operating situation.
- ✓ Quick transfer between working locations.

### TECHNICAL FEATURE

#### Differential lock



### ADVANTAGE

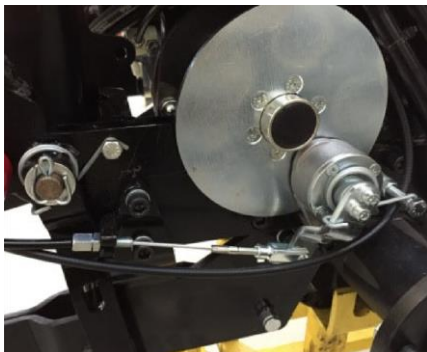
- Quick and easy differential lock engagement.

### BENEFIT

- ✓ Ability to quickly react and prevent wheel slip or damage the turf.

### TECHNICAL FEATURE

#### Park brake



### ADVANTAGE

- Switch operated parking brake. Press to lock and unlock.
- Disc and pad locking system.

### BENEFIT

- ✓ Simple switch engagement.
- ✓ Safe and secure parking on incline terrain.

## TECHNICAL FEATURE

### Transmission dis-engagement

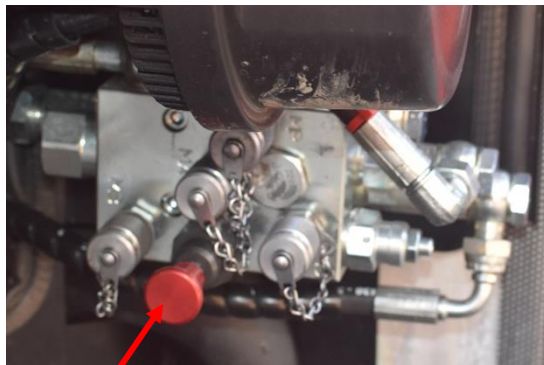
The drive wheels are connected by gears to the hydrostatic transmission units and are locked when the engine is not running.

Press the red BY-PASS button located on the diagnostic valve block at the rear right side of the machine.

This operation unlocks the hydrostatic transmission.

#### NOTE:

The parking brake is negative type, so, when the engine is off, the machine is always braked. Follow the procedure in the operators manual to unlock the brake.



## ADVANTAGE

- In the event of a breakdown, the machine can be manually moved.

## BENEFIT

- ✓ Allows the machine to be moved without danger of damaging the driveline components.

## TECHNICAL FEATURE

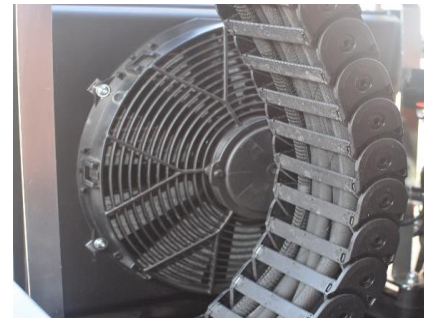
### Hydraulic system



Visual check of the hydraulic oil tank level



Access to the oil cooler



Oil radiator fan

## ADVANTAGE

- Easy to access and maintain.
- Angled filler cap for easier oil top-up.
- Automatically cleaned grill through

## BENEFIT

- ✓ Ensures regular clean-out.
- ✓ Prevents potential downtime during busy working periods.
- ✓ Avoid oil overheating without operator worry



# Mower Decks

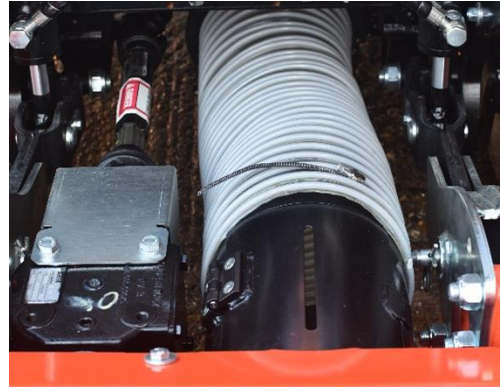
## Mower deck model identification

Model	Mower deck type	Cutting width (inch)	Mowing operation	Machine fitment
RCR59C-FC4	RCR: Rotary cut. (Reverse rotation)	1.50m – 59”	C: Grass collecting	FC4
RCF63C-FC4	RCF: Flail mower	1.55m – 61”	C: Grass collecting	FC4



## TECHNICAL FEATURE

### Independent PTO drive system



## ADVANTAGE

- Multi-plate wet clutch pack delivers drive to the PTO shaft.
- Fully independent system.
- Switch engaged. Cover prevents accidental dis-engagement.

## BENEFIT

- ✓ Minimal power loss ensures a more consistent operating speed.
- ✓ Mowing in the toughest conditions with little maintenance requirements.



### TECHNICAL FEATURE

## Mower deck

### Rear discharge with collector 1.5m (59") width deck with reverse rotation

#### Reverse rotation:

The reverse rotation system rotates the blades in the opposite direction to a traditional rotary mower. The blade rotation plus the underbody design produces a very high quality cut finish.



1.5m deck

### ADVANTAGE

- Fine cut finish.
- Short collection tube travel.

### BENEFIT

- ✓ High productivity together with quality finish.
- ✓ Reduced travel allows effective transfer of chopped grass even in damp conditions.

### TECHNICAL FEATURE

## Rotary mower deck operation

### “Swing back” twin blades:

The “Swing back” system is designed to absorb shocks and protect the mower driveline against impact with foreign objects left in the grass.

The twin blades overlap to ensure a precise fine cut finish. The design also prevents accumulation of grass and soil debris in the upper part of the housing.

The front part of the housing is higher than the cutting level of the blades. This height difference means the grass isn't crushed and the blades can make an accurate, uniform cut.

Sectional rubber flaps at front open when tall grass is present and close with shorter grass.



### ADVANTAGE

- Twin pair of retractable anti-collision blades.
- Enhanced throughput of grass.

### BENEFIT

- ✓ Fine cut finish together with high productivity.

### TECHNICAL FEATURE

#### Mower deck height adjustment



### ADVANTAGE

- Simple deck height setting using a lever at the top of the deck.

### BENEFIT

- ✓ The deck returns back to the required cutting height each time.

### TECHNICAL FEATURE

#### Blade sharpening or replacement



### ADVANTAGE

- The mower deck can be hinged and fixed in a vertical position.

### BENEFIT

- ✓ Easy access and maintenance.
- ✓ Reduced downtime.

### TECHNICAL FEATURE

#### Mower deck lift / lower



### ADVANTAGE

- Mower deck operation rocker switch controlled from the armrest console.

### BENEFIT

✓ Fingertip operation.

### TECHNICAL FEATURE

#### Hydraulic auxiliary valve



### ADVANTAGE

- One auxiliary valve is fitted as standard.
- Operated from the armrest console.
- The armrest console is pre-set for additional valves.

### BENEFIT

✓ Ensures simple operation of attachments that require additional hydraulic oil supply.

## TECHNICAL FEATURE

**Flail mower 3x1 : cut,  
collect and scarify**

**1.55m (61") cutting width  
deck**



### Blade options

For cutting fine grass (paddle blades) and for clearing rough areas with brushwood (Y-blades). By adding vertical blades, combined with the previous ones, it aerates the ground while working.



Paddle blades



Y blades



Vertical blades

## ADVANTAGE

- Choice of blades. Standard fit - Paddle blades. Y blade option.

## BENEFIT

- ✓ **Adaptable for cutting fine grass or clearing more dense areas. Vertical blades combined aerates the ground during work.**

## TECHNICAL FEATURE

### Switching between collection and ground discharge

Closing or opening the flap using the special Allen key supplied determines whether the cuttings will be collected or left on the ground.

This flap can also be hydraulically operated through a switch on the armrest.



Collection position



Access to the flap via panel.



Lever Retainer.  
Storage box.



Ground discharge position

## ADVANTAGE

- Choice of operations depending on the ground and location.
- Retainer for the handle.

## BENEFIT

- ✓ Changing discharge quickly and simply.
- ✓ Retainer means the handle is always with the mower.

## TECHNICAL FEATURE

### Mower deck height adjustment



## ADVANTAGE

- Simple deck height setting using a lever at the front of the deck.
- Setting gauge on the side. Indented numbers on a steel plate ensures they do not rub off over a period.

## BENEFIT

- ✓ Quick and easy.
- ✓ Visual check of the height setting.

## TECHNICAL FEATURE

### Patented blade removal system

The “**Smart System**” patent allows the blades (Y, paddle and vertical) to be changed and combined on-site in less than 15 minutes thanks to the innovative magnet system.



## ADVANTAGE

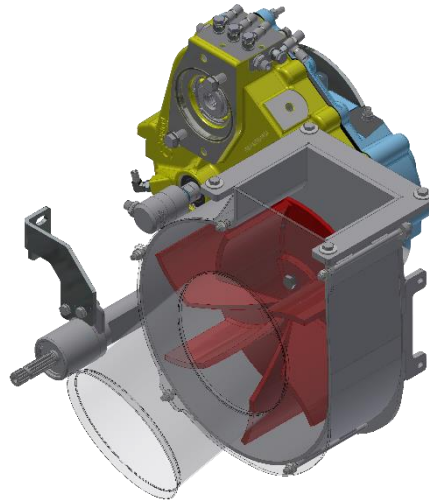
- Magnetic blade-locking pins.
- Time saving task.

## BENEFIT

- ✓ High force magnetic locking.
- ✓ Secure locking pins, even when coming into contact with stones or other obstacles.

## TECHNICAL FEATURE

## Suction turbine



The suction turbine forms an integral part of the machines operation. Located centrally helps the cut grass to travel a short distance to the collector. This patented design provides not only fast and effective transfer of cut material but also;

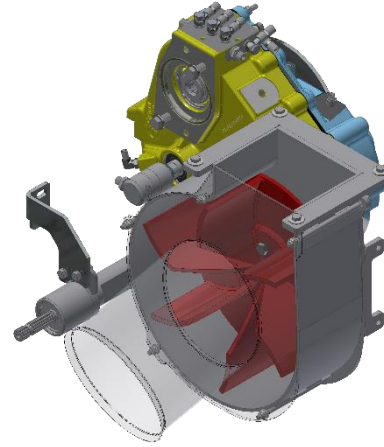
- Allows the machine to remain compact without collection tubes protruding from the side allowing excellent manoeuvrability.
- Greater stability and balance with a better centre of gravity positioning.
- Exceptional versatility as the turbine and collector can be used with other attachments.
- An ON/OFF switch allows the operator to “Uncouple” the turbine depending on the attachment being mounted to the machine.



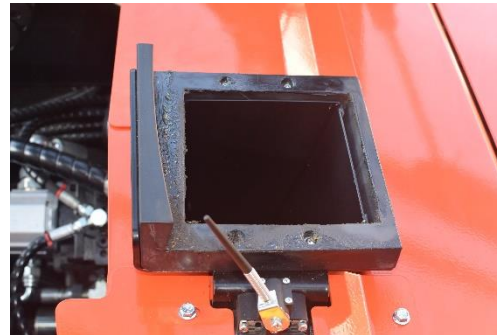
## TECHNICAL FEATURE

## ADVANTAGE

## Suction turbine



- The collection procedure is more effective because the cut grass has a shorter distance to travel than most other systems.
- The outlet is easily accessible when the collector has been raised.



## BENEFIT

- ✓ Shorter distance to travel results in:
- the No blocking of turbine and collection tube.

## TECHNICAL FEATURE

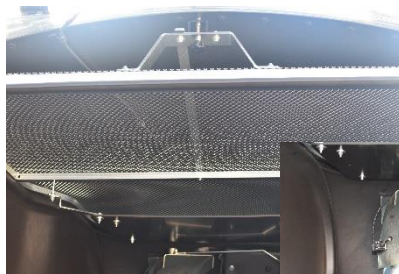
### High dump Collector (1300 litre capacity)

Within the collector there are a number of features to ensure the collection system is fully utilised.

- A screen that regulates the air flow during operation. This is removable for cleaning.
- A deflector and load distributor which is motor driven to distribute the grass cuttings throughout the entire collector tank.
- A “tank full” alarm to prevent overload.

#### NOTE

- The Unloader system will only operate when the PTO is disengaged.
- Operated from either the armrest console or external control panel.



## ADVANTAGE

- Easy operation from the drivers seat or externally.
- Full utilisation of the large tank capacity.

## BENEFIT

- ✓ Rocker switch control. Releasing the switch stops the operation.
- ✓ Less downtime due to less unloading.

## TECHNICAL FEATURE

### High dump Collector (1300 litre capacity)



Maximum unloading  
height – 230cm

Bracket overhang @ Max. height – 30cm

## ADVANTAGE

- Hydraulically operated parallelogram system.
- High tipping clearance.

## BENEFIT

- ✓ Lifting design allows dumping to be carried out effectively and safely.



# Options and Accessories



## TECHNICAL FEATURE

### Vacuum hose

#### Polycarbonate hose

Length	500cm
Diameter	16cm
Weight	10.5kg



## ADVANTAGE

- It can be used in all seasons to vacuum dry leaves and other light material.

## BENEFIT

- ✓ Useful attachment for easily cleaning paths and public walking areas.

## TECHNICAL FEATURE

### Snow blade

#### Snow blade

Working width	175cm
Hydraulic adjustment	35° adjustment left / right
Dimensions (L/W/H)	131 / 180 / 65cm
Weight	150kg



## ADVANTAGE

- Hydraulically lifted and angled. Useful attachment to provide clearing for private drives, parking areas.

## BENEFIT

- ✓ Compact and able to operate in areas larger machines cannot access.



# Technical Data





Range		<b>FC4</b>
Model		<b>FC4-501</b>
Version		<b>Out front mowers</b>
Manufactured		Italy
<b>ENGINE</b>		
Manufacturer		Kubota
Model		V2403-CR-E5
Emissions	Stage	5
Aftertreatment		DOC+DPF
Cylinder	n°	4
Valve	n°	16 (4 per cyl)
Displacement	cc	2434
Aspiration		Natural
Air filter		Dual stage
Injection system		Common Rail
Cooling system		Liquid
Cooling fan		2 reversible electric fans
<b>Gross power (SAE J1995)</b>	<b>hp/kW</b>	<b>50/37.3</b>
Engine rated speed	rpm	2700
Engine hand accelerator		●
Battery	V/CCA	12/100
Fuel tank capacity (std)	litres	40
Lateral exhaust pipe		●
Oil-change interval	hours	500

		FC4
		FC4-501
Range		
Model		
<b>TRANSMISSION</b>		
Manufacturer		KG
Transmission type		Hydrostatic Transmission (HST)
Hydraulic engine	n°	2
Speed range		2
Forward speed	km/h	0 - 14 / 0 - 24
Reverse speed	km/h	0 - 7 / 0 - 12
Transmission control		Dual pedal operation
Drive wheel type		4WD
Mechanical differential lock		●
Drive system to the PTO		Mechanical gear
<b>PTO</b>		
PTO drive clutch		Hydraulically engaged wet clutch pack
PTO drive engagement		Switch button
PTO speed	rpm	2975
<b>BRAKES and STEERING</b>		
Brake type		Hydrostatic
Parking brake type		Mechanical brake operated by electric button
Parking brake engagement		Switch
Parking brake type		2 discs
Steering operation		Steering wheel
Steering column adjustment		Tilt/Telescoping
Steering system		Hydraulic power steering



		FC4
		FC4-501
<b>FRONT MOWER DECK SYSTEM</b>		
Drive system to the deck		Cardan shaft
Drive system to the mower blades		Gearbox
Deck lifting / lower		Hydraulic lever control
Deck mounting		2-point hydraulic rams
Discharge direction		Collecting system
Front hydraulic outlets		2
<b>COLLECTOR</b>		
Suction turbine		Centrally mounted
Turbine on/off switch		•
Grass collector capacity	litres	1300
Dump system		Hydraulic
Max. unloading height	cm	245
Weight capacity	Kg	400
<b>OPERATOR STATION</b>		
ROPS		Foldable
Mounted on silent block		•
Instrument panel		TFT Colour Display
Tachometer		•
Working hours		•
Fuel level gauge		•
Warning symbols		•
Headlight		LED
Road light kit		•
USB socket		•
Operator seat belt		•
Tie strap brackets		•



Range		FC4
Model		FC4-501
<b>DIMENSIONS AND WEIGHTS</b>		
Front tyres		24 x 12 - 12 (Turf)
Rear tyres		20 x 10 - 8 (Turf)
Wheelbase	mm	1630
Overall length (Without mower deck)	mm	2990
Overall length (With mower deck)	mm	3530 with frontal attachment in transfer mode (with 150RCA)
Overall height (With ROPS upright)	mm	2170
Overall height (With ROPS folded)	mm	1920
Overall Width (Without mower deck)	mm	1240
Total weight (Without mower deck)	kg	1650
Maximum permissible front axle weight	kg	2100
Maximum permissible rear axle weight	kg	1000
Maximum permissible total weight	kg	2600



Range		FC4
Model		FC4-501
<b>ROTARY MOWER DECK - RCR 59C</b>		
Rotation		Reverse
Cutting width	mm	1500 (59")
No. of blades		2 discs with 4 articulated anti-shock blades
Blade length	mm	177,5
Cutting height range	cm	2 - 8
Anti-scalp rollers / Gauge wheels		2 front / 2 rear rollers
Adjustment of cutting height		●
Weight	kg	180
<b>FLAIL MOWER DECK - RCF 63C</b>		
Cutting width	mm	1550 (61")
No. of blades	cm	52
Cutting height range	mm	12 ÷ 70 mm ("Y" blades) / 12 ÷ 73 mm (Spool blades)
Weight	kg	370

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# FC4-501 – Power and performance

## USP Summary

**Kubota 4 cyl engine, 2434cc**

**LED front work lights**

**Air suspension seat**

**Built-in storage compartment**

**High dump parallelogram system**

**HST 2-speed transmission**

**Suction turbine**

**Armrest console**

**USB port**

**Flail mower option**

**Dual pedal HST control**

**Switch operated parking brake**

**Comfortable operating position with generous floor area**

**External control panel interface**

**Patented flail mower blade removal / assembly**

**Maximum speed 24 Km/h**

**Independent PTO drive shaft system**

**Height adjustable / tilt steering wheel**

**Foldable ROPS**

**2-year warranty**

**4WD**

**Switch operated hydraulic deck lift/lower system**

**Anti-vibration platform mounts**

**Large capacity 1300 litre collector**

**All major operating components made in-house**



**Kubota**

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