

Kubota



KUBOTA DIESEL TRACTOR

M

M8560/M9960

The new M8560/M9960 deliver optimal performance and easy operation with new clean emissions engines and enhanced ergonomics.

**M8560: 85.5HP
M9960: 100HP
TRACTOR**



NEW M6



New clean and powerful engines

Kubota's revolutionary Common Rail System (CRS) with Exhaust Gas Recirculation system (EGR) and Diesel Particulate Filter (DPF) Muffler combine more torque at low RPMs with less harmful emissions and better fuel efficiency. An RPM Memory maintains the same engine revolutions with a push of a button.

Advanced Tractors Built More for You and the Earth.

F18/R18 and F36/R36 Multi-Stage Transmissions

Powerful F18/R18 and F36/R36 transmissions are available depending on the model. Both provide smooth and comfortable shifting performance.



Introducing the new M8560 and M9960 tractors.

These new top-of-the-line M-Series tractors have been redesigned and re-equipped with advanced features including an new front mask, high-pressure Common Rail System (CRS) engines for powerful yet clean and economical performance, and a new ergonomically designed rounded cab for easier operation, giving you the confidence you deserve to tackle tough jobs with ease, while still being gentle on the environment. Work hard, but do it with absolute pride with the new M8560/M9960.

KUBOTA DIESEL TRACTOR
M8560/M9960

ORIGINAL

Kubota New Engines

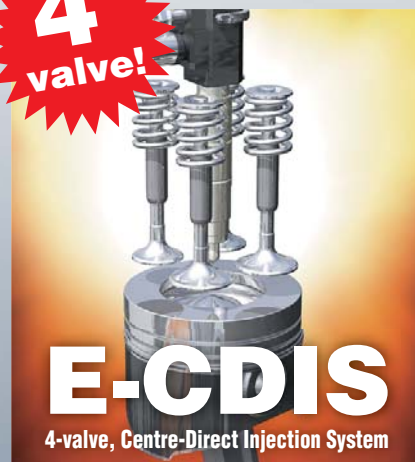
M8560: 85.5HP / M9960: 100.0HP

Low Noise and Low Vibration

The CRS engines have been specially designed to minimise noise and vibration.

Euro Stage IIIB Emission Regulations

The M8560/M9960 CRS engines comply with Euro Stage IIIB emission regulations.



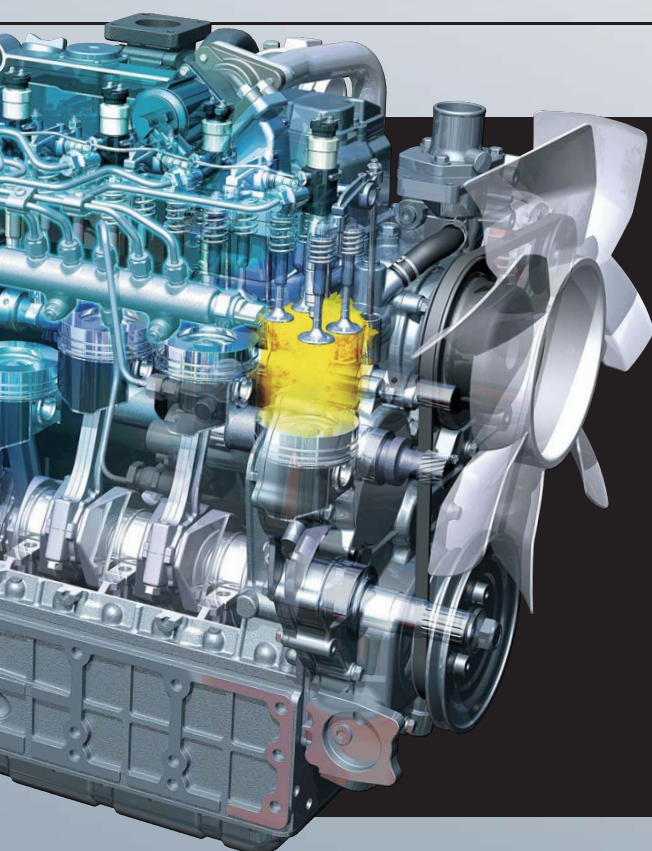
E-CDIS

4-valve, Centre-Direct Injection System



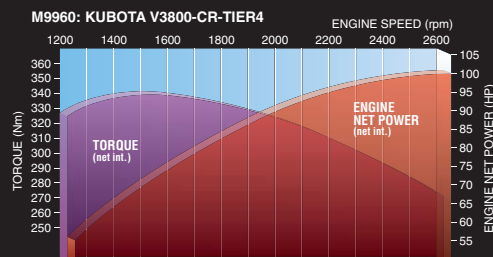
Kubota's clean low-noise engines deliver all the power you need while going easy on the environment.

L ENGINES



Developed together with the new M60 Series! Fully electronically controlled high-pressure Common Rail System (CRS) engines

Kubota's world-renowned diesel engineering goes a step further for the M8560/M9960 with the fully electronic controlled high-pressure Common Rail System (CRS) engines. Developed together with the tractors, their precision tunings and advanced technologies, such as the 4-valve centre direct-injection system (E-CDIS), deliver maximum power and torque with greater fuel economy and low noise and vibration. The diesel particulate filter (DPF) reduces harmful emissions to meet the latest emissions regulation.



Constant RPM Management

The M8560/M9960 engines feature a new electronic governor that gives you electronic control of engine RPM. Activating the system keeps engine revolution constant, preventing drops in PTO speed and enabling stable operation. It makes working with PTO-driven implements much more efficient.



Work Cruise ON:

When the engine RPM is set and Work Cruise is switched on, the computer automatically adjusts the engine control to maintain the selected engine RPM level regardless of the load, providing highly precise and uniform spraying, and fertilising for stable crop yields and reduced agricultural material waste at the same time*.

* Use with Auto Mode to prevent drops in engine RPM when exceeding the engine's capabilities.

**Constant RPM means
Constant travel speed, PTO rpm and hydraulic flow*.**

* within the engine capability



Enhance fuel economy and efficiency with the easy multi-stage transmission.

12-MAIN SPEED TR

(6-MAIN SPEED FOR ROPS MODEL)



Multi-stage Transmissions

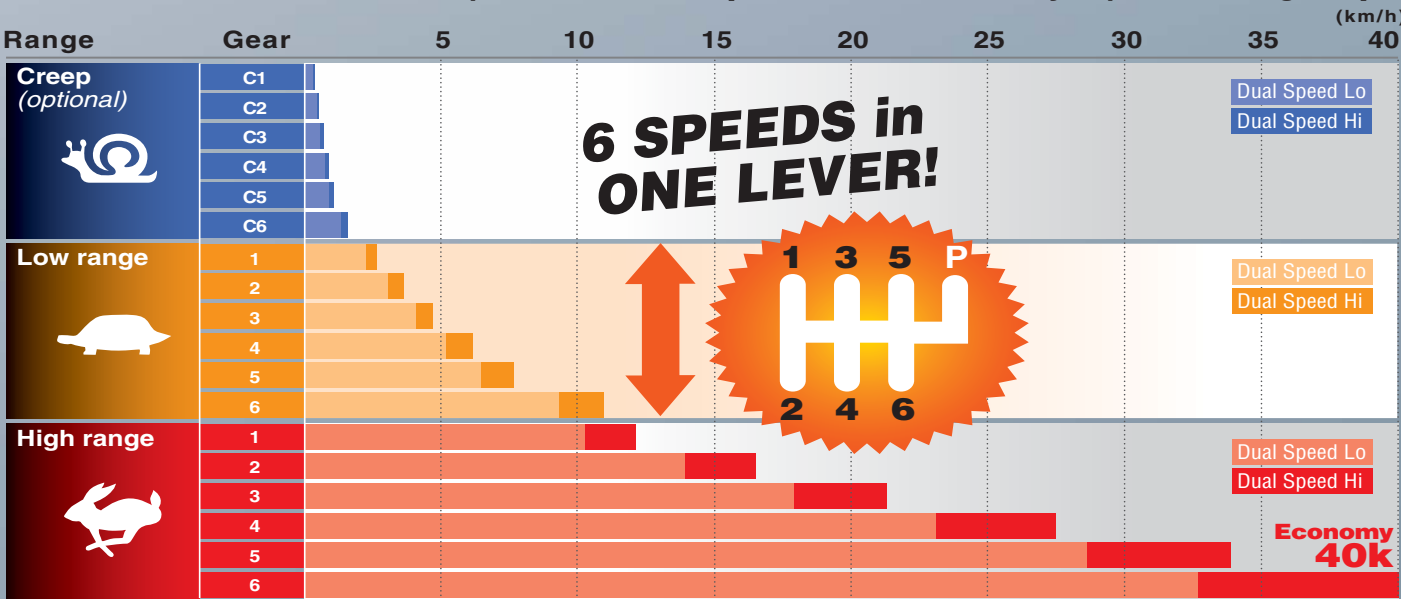
The M8560/M9960 multi-stage transmission with direct shifting now delivers smoother and quicker gearshifts like never before. The fully synchronised 12-speed multi-stage transmission* provides all the power and efficiency you need for field work with just one lever, while the additional 3-speed range shift, located within hands reach, combine for a total of F18/R18 speeds for wide range of work. Cab models go even further with an electronic no-clutch Dual Speed (Hi/Lo) for F36/R36-speed shifting. * 12-speed with Hi / Lo for Cab models.

Over Drive (Economy Travel Function)

Over Drive keeps the engine revolutions at 20% lower than rated speed, even at high speeds of 40k when in H6 gear for greater fuel economy and less engine noise and wear.



M9960 HDC24 TRAVELING SPEED (F36/R36 w/ Dual Speed, 480/70R34 rear tyres) @ rated engine rpm



TRANSMISSION

Dual Speed (Hi/Lo) (for Cab models)

For smoother clutch-free performance, Dual Speed buttons in the transmission offer approximately 19% faster up shifts and down shifts without the need to stop to change gears with the clutch pedal.

Hydraulic Shuttle

Better than ever, our Hydraulic Shuttle for the M8560/M9960 makes shifting between forward and reverse smooth and quick. With the Hydraulic Shuttle, a column-mounted lever, conveniently located next to the steering wheel, does all the work. Boost productivity, especially while using loaders, by eliminating the need to depress the clutch every time you change directions. For added convenience, the lever is always close at hand regardless of the steering wheel's tilt position.



Finger-touch Hand Throttle Lever

The tractor features a new electric hand throttle, which requires less force to operate and gives you easier and more precise control.

Multiple Wet Disc Clutch

The multiple wet disc clutch provides durability and a long operating life. And when attaching implements, our

improved inching feature is easy to perform, giving you the same feel as a half-clutch operation.

Transmission Parking Lock (Gear Lock)

The parking lock can be operated with the main shift lever for easier operation. This lock is highly durable and reliable, providing precise parking on any terrain.



Hydraulic Wet Disc Brakes

To decrease operator effort and increase overall tractor longevity, the Kubota M8560 and M9960 now come standard with Hydraulic Wet Disc Brakes. These brakes require less pedal effort and retain high performance efficiency even after repeated heavy-duty work.

Front Limited Slip Differential (Auto Differential Lock)

Limited Slip Differential on the front helps you maintain a stable travel speed should the drive wheel on either side of the tractor slip. A standard feature on the M8560 and M9960, Limited Slip Differential is perfect when reliable traction is essential.

Rear Electric Hydraulic Differential Lock

Getting bogged down in mud will no longer slow you down. Simply engage the electro-hydraulic differential locks on the rear wheels to achieve positive traction—and you're up and out, and back on the job.

Electric 4WD (on-the-go)

Electric on-the-go 4WD makes switching to and from 4-wheel-drive quick and easy with just a single switch. Best of all, there's no need to stop the tractor even when moving out of a field onto a road, so you can stay productive.



More space and more visibility make our cab a great place to work.

GRAND CA

Curved Upper Windshield

The curved upper windshield increases upward visibility, so operations, such as raising the Front Loader, can be easily made while comfortably seated.

Rounded Cab

We've rounded the cab glass of our M-Series tractors to provide the operator with more visibility and a more spacious feel—ideal for long days inside the cab.

Wide Opening Door

Thanks to the increased glass coverage, the cab door is now wider making getting in and out of the cab easier.

New Bonnet Design

The sleek new slanted bonnet design of the M8560/M9960 offer greater visibility over the bonnet of the tractor allowing you to see a greater field of view especially during loader operation. This design also features a wider front grill, which slows down air intake and reduces the amount of hay or grass collection on the grill. Finally, the M8560/M9960 now come with halogen lights with a corner lamp for more efficient illumination at dawn or in the evening.



Pantograph Front Wiper

To increase visibility on rainy days and to increase operator safety, the M8560/M9960 have a pantograph style front wiper. The unique design of this wiper gives it a wider coverage area.



AB





ALL-SEAS

Ultra Grand Cab

The innovative and stylish design of the new M8560/M9960 cab gives the operator a more comfortable and spacious year around environment. Rubber cushions are newly adopted to further enhance driving comfort.

Cab Headroom

The arched beam in the front of the cab and relocated A/C components allowed M8560/M9960 designers to extend the height of the roof. This feature not only increases headroom, it also increases overall visibility, especially while using the loader.

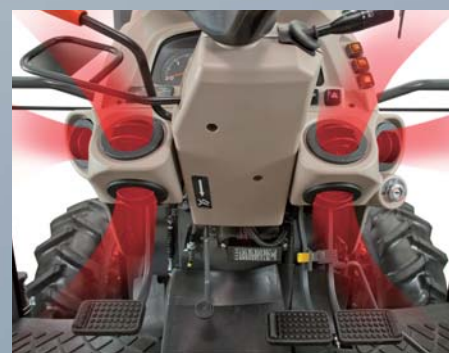
Easy-Step Tilt Steering Wheel with Shuttle lever

The steering wheel of the cab gets out of the way when the operator is dismounting the tractor. Just step on a pedal and raise the steering wheel to its original position.



Heater/Air Conditioner

The heating and cooling unit is now located under the seat, and features 6 strategically located air outlets



Air is circulated throughout the windshield to prevent icing, frosting and fogging.

A spacious and ergonomically designed cab brings comfort to the workplace.

ON COMFORT



New Functional Platform

The M8560/M9960 cab has been redesigned for better ergonomics. All levers and electrical switches are located on the right side for easy access and continuous operations.

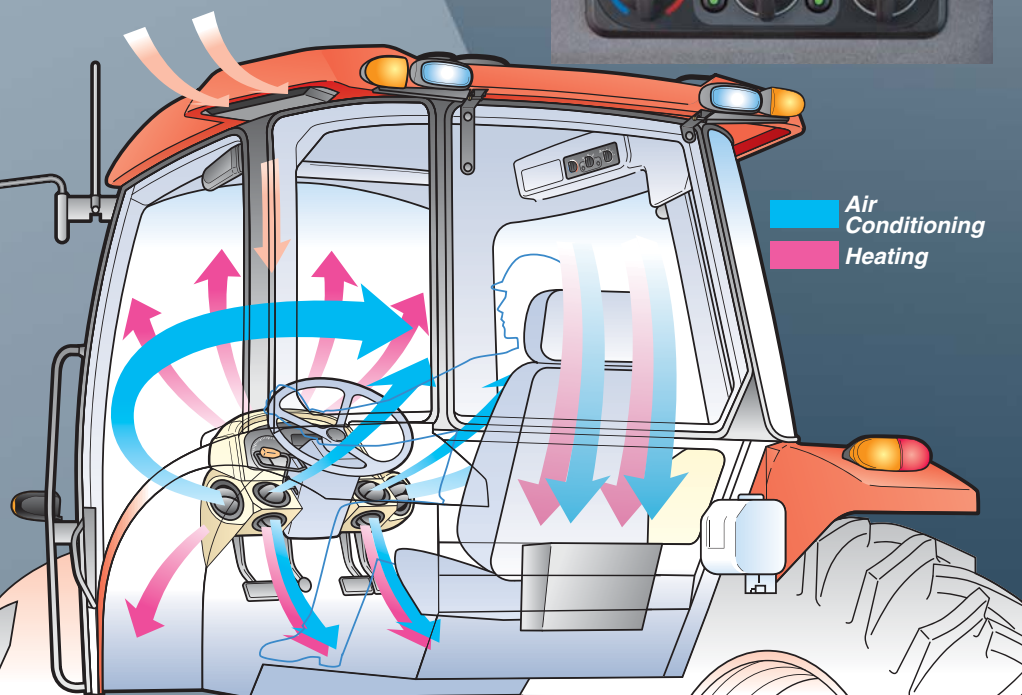
Standard Equipment

- Front halogen work lights
- Front windshield wiper and washer
- Rear halogen work lights
- Interior dome light
- External left and right mirrors
- Sun visor
- Cup holders (front & rear)
- 7-pin trailer coupler
- Cigarette lighter

which can be opened and closed, and turned to change air direction. Combined with the cab's rounded glass, air circulation is optimised to keep you cooler on hot summer days and warmer – including your feet – on cold winter days for year-round comfort.

Electro-control A/C Panel

The electro-control AC panel is optimally integrated in the front panel. Air outlets are standard for CAB models.



Options

- Additional 2 front work lights for CAB models
- Rear wiper and washer
- Rear defogger
- 100 amp alternator
- Air ride seat suspension

Easier Cleaning and Maintenance

For fast cleaning, the sliding, louvreless type AC condenser and condenser net can be removed in a snap. The flat surface of the battery and tray also makes serviceability easier.



Long-lasting strength, durability and reliability to tackle just about anything with ease.

RELIABLE



Well-sealed Bevel-Gear Front Axle

The bevel-gear front axle provides the M8560/M9960 with greater all-around manoeuvrability. It enables M8560/M9960 tractors a tighter turning radius than ever before—an amazing 55 degrees. This makes easy work of jobs in tight spaces. Limited Slip Differential on the front and Differential Lock on the rear are standard features, offering increased stability and traction on challenging ground conditions.

Hydraulics

External hydraulic cylinders improve the lifting power and offer easier maintenance. The M8560/M9960 offer a large pump capacity of 64 L / min (60 L /min for ROPS models). For example, the front loader cycle times are short, increasing productivity and facilitating operation. S/D and SCD Aux. hydraulic valves are standard with the option to add 1 more, plus an optional flow control valve to control the oil flow volume.

Electro-Hydraulic PTO

Engaged or disengaged with a single button, the standard 540 rpm/540E hydraulic independent PTO makes pulling, lifting, cutting or baling easier. Self-modulation engagement with a light touch mean implements like mower conditioner engage smoothly. The PTO brake engages when the clutch is shut off and securely holds the PTO shaft. The PTO clutch can be hydraulically engaged and disengaged on the go. This means mowing, operating hay equipment or spraying orchards are all made more efficient.



Electric 540E PTO

When using the 540E PTO, the maximum engine speed is automatically limited to lower than 1800rpm to ensure low fuel consumption, and prevent operation errors and damage to implements caused by high rotations.

3-Point Hitch

The Category II 3-point hitches provide fast and simple attachment of rear-mounted implements. On the M8560 and M9960 it is 4100kg at hitch point (horizontal position).

Floating Lift Rods

Floating lift rods are standard on both sides of the M8560 and M9960. Floating lift rods give a smoother ride and enhanced traction while using the 3-point hitch, especially on uneven terrain.

Quick Hook-type Lower link

This timesaving feature allows you to quickly attach and detach implements with an easy-to-operate hook.



ITY



The M60 Series Front Loader puts power and visibility front and centre.

KUBOTA ORIGINAL FRONT

Exclusively Designed Powerful Front Loader

Kubota's original LA1354 Front Loader is specially designed to be fully integrated with the design of the M8560/M9960, and provides dramatically increased lifting power, perfect for farm use. It not only gives the M-Series a sleeker look, it provides better visibility and clearer sight lines to the bucket and loader sides for smoother operation.

Hydraulic Self-levelling Valve (Option)

This optional feature allows the operator to raise or lower the loader boom without changing the angle of the bucket, preventing spills when carrying sand or soil. It can also be switched on when using a pallet fork, or off for rolling back during hauling.



2 Boom Fulcrum
Upper: Height position
Bottom: Power position

Easy Access External Located Quick Coupler

The standard hydraulic coupler is located on the outer frame for easier access when attaching/detaching the loader (base).

New 6-hoses Single Lever Quick Coupler 6

The M8560/M9960 adopt a quick coupler for six hoses including a 3rd function valve.



Quick-Mount Attach/Detach

Attach or detach the front loader in moments without the use of tools. The boom stands and mounting pins make this task a snap, allowing an extra measure of productivity and tractor versatility. A single-lever Hydraulic Quick Coupler (option), available for the loader's hydraulic fittings, allows you to release all four lines at once.



LOADER



Joystick Control

Located in front of the control console for easy access, the joystick offers you the ability to control the movement and speed of the loader with a single lever. The Series Circuit makes simultaneous boom and bucket operation possible, while the Regenerative Bucket Dump Circuit enables quick dumping for efficient operation with quick cycle times.

3rd Function Valve

The optional 3rd function valve broadens the scope of the front loader operation enabling the use of a grapple bucket and various other hydraulically controlled attachments. The 3rd function valve can be activated with buttons located on the grip and allows two functions to be operated simultaneously; such as dumping and opening the bucket.

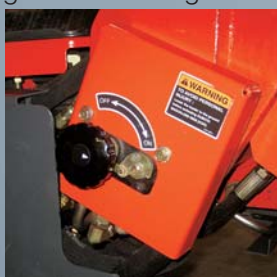


Lifting Power and Height

Two separate boom cylinder fulcrum points (Power position and Height position) give you the option to increase the M-Series Front Loader lifting power or height based on your needs. When using the pallet fork or bale spear you may want to set the fulcrum to give you more height. For bucket work, a lower setting offers more power.

Kubota Shockless Ride (KSR)

The KSR absorbs loader shock and reduces operator fatigue. This option is perfect if your tasks include a great deal of tight turns or lifting and dumping of heavy loads. It effectively takes the "bounce" out of handling round bales.



Frame

The frame of the front loader maintains its sturdy, thick steel frame, but its design has been simplified by removing braces and connectors. This helps to lessen effort and shorten the time it takes to attach the loader and offers increased visibility.



Specifications

Model			M8560	M9960
			ROPS / CAB	ROPS / CAB
Engine				
Type			V3800-CR-TE4	V3800-CR-TIE4
No. of cylinders/Valves/Aspiration			4/4v/Turbocharged	4/4v/Turbocharged with intercooler
Net rated power HP (kW)			85.5 (63.8)	100 (74.6)
Rated speed (rpm) ROPS/CAB			2400 / 2600	
Fuel injection system			Common rail	
Exhaust Emission Controls			DPF (Diesel Particular Filter) muffler	
Fuel tank capacity ℓ			90 / 110	
Transmission				
No. of speeds			Rops: F18/R18, Cab: F36/R36 (with Hi/Lo)	
Max. speed km/h			39.9 / 39.5	
Main gear shift			6 Fully synchronised / 6 Fully synchronised with Hi/Lo	
Hydraulic shuttle			Standard, column-mounted lever	
Main clutch			Hydraulic multi-plate wet disc	
Brake type			Hydraulic discs, 4 wheel braking	
Parking brake			Gear lock type	
Differential lock			Front: Limited Slip Automatic Differential Lock / Rear: Hydraulic Differential Lock	
PTO				
PTO Speed			540/540E: lever changeover (max rated speed with limit)	
PTO clutch operation			Electro-hydraulic	
Hydraulics				
Pump capacity (3-P hitch) ℓ/min			60 / 64	
Control system			Position, Draft, Mix control	
Lift capacity at link end kgf			4100	
No. of remote valves STD/MAX			2 (:S/D+SCD) / 3 (Optional)	
Dimensions & weight				
Wheelbase mm			2250	
Weight kg			3070 / 3320	
Overall length mm			3955	
Overall height mm			2560 / 2650	
Overall width mm			2250	
Standard tyre size	Front	mm	360 / 70R24	
	Rear	mm	480 / 70R34	
Tread width	Front	mm	1550-1620	
	Rear	mm	1470-1707	

Front loader specifications

Model			LA1354	
Tractor Applications			M8560, M9960	
Boom Cylinder Fulcrum			Height position	Power position
Maximum Lift Height (Pivot Pin)			3700	3350
Clearance w/Attachment Dump			2808	2405
Reach @ Maximum Height			738	1149
Maximum Dump Angle			52	64
Reach w/Attachment on Ground			2233	
Maximum Rollback Angle			40	
Digging Depth (When Bucket is Level)			198	185
Overall Height in Carry Position			1695	
Material Bucket Width / Capacity (Heaped)			72 / 0.55, 84 / 0.64	
Lift Capacity (Bucket Pivot Pin, Max. Height)			1810	1880
Raising Time to Full Height w/out Load ^{*)}			4.2	
Lowering Time w/out Load (Powerdown) ^{*)}			2.9	
Attachment Dumping Time			2.4	
Attachment Rollback Time			2.2	

^{*)}w/Standard valves.

The company reserves the right to change the above specifications without notice.
This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional, and not standard equipment.
Please contact your local Kubota dealer for warranty, safety or product information.
For your safety, KUBOTA strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications.

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