Kubota



KUBOTA DIESEL TRACTOR



M6040/M7040/M8540/M9540 Standard M9540 Low Profile M6040/M7040/M8540 Narrow

A full-scale model change introduces re-engineered and redesigned M-Series tractors ergonomically designed to provide optimal performance and comfort.







-SERIES

The new scale tractors with internal values, that count. The new M-series will deal with each request and provides you with current techniques and practical standard features an excellent price performance ratio. The tractors are newly developed and put in terms of technology and comfort standards in this class. With a maximum speed of 40 km/h, a high hydraulic capacity, new engines with 4-valve technology, powerful front loaders and a variety of ergonomic improvements they are perfect for any work. Our Narrow and Low-profile tractors extend this series for special use in narrow rows or limited headroom. Convince yourself by a test drive.



M6040/M7040/M8540/M9540

Models		M6040	M7040	M8540	M9540	
		66HP	74HP	88HP	99HP	
Standard	ROPS	0			William Control	
Standard	CAB			0	0	

A really new M-Series, through and through.

A well thought out and logical design - our new M-Series offers a maximum speed of 40 km/h, a powerful hydraulic system, durable engines with 4-valve technology, powerful front loaders and much more.

New Convenient Cab

The cab of our M-Series tractors has been redesigned. Rounded glass on the cab gives the operator more room and greater visibility. The height of the cab offers more headroom, and most of the levers and switches have been moved to the right side console for easier access. For greater visibility, the exhaust is placed at the corner post and the windshield now boasts a pantograph wiper.

Hydraulics

All M-Series tractors now boast hydraulic pumps with pump flow volume of at least 60L/min. This has provided an increased lifting capacity of up to 4,100kg. Two hydraulic remote

valves are also standard equipment.

NEW CDI (Centre Direct Injection) Engine

Kubota's revolutionary new centredirect injection system (E-CDIS) engines offers more durability, power and fuel efficiency. These technologically advanced engines also comply with Stage IIIA emissions standards.

F15/R15 Transmission (M6040/M7040)

Synchronised five speeds of the main shift and three speeds of the range shift (including creep speed) supply tractors with 15 Forward and 15 Reverse speeds.

F36/R36 Transmission (M8540/M9540)

In addition to the 6 speeds of the main gear shift and the three steps of the range shift, the models M8540 and M9540 are equipped with a Hi-LO 2-speed power shift. 36 forward and 36 reverse speeds are available that allow an excellent adaptation to all requirements.

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Bevel-Gear Front Axle

The bevel-gear front axle provides the M-Series with better all-around manoeuvrability, especially for jobs in tight spaces. The greater front-axle oscillating angle also offers increased lateral operation on uneven terrain.

Hydraulic Shuttle

Shifting between forward and reverse is seamless and smooth with our new and improved M-Series Hydraulic Shuttle. A column-mounted lever with left-hand operation makes shifting easy. And when attaching implements, our improved inching feature is easy to perform, giving you the same feel as a mechanical clutch.

Limited Slip Differential

The standard Limited Slip Differential helps you maintain a stable travel speed should the drive wheel on either side of the tractor slip.

Easy to shift 4WD Engagement

Stay productive by switching the 4-wheel drive on and off without stopping, even when moving out of a field onto a road. One simple switch does it all.



efficient illumination at dawn or in the evening.

draft control lever and PTO clutch lever, to the right of the seat. This offers the operator more learoom and far more comfort.







Newly Designed Ultra Grand Cab

The innovative and stylish design of the new M-Series cab gives the operator a more comfortable and spacious year around environment.

Controls Layout

The layout of all controls and levers were carefully considered to offer the operator the most ease of use. All levers and electrical switches are on the right side console for easy access. (except 4WD lever). Also, the PTO can be easily engaged by a simple flick of a switch.

Front Wiper

To increase visibility on rainy days and to increase operator safety, the M-Series has a pantograph style front wiper. The unique design of this wiper gives it a wider coverage area.

Rounded Glass

We've rounded the cab glass of our M-Series tractors, increasing the length of the cab by 50mm and the width by 160mm. This change provides the operator with more visibility and a more spacious feel—ideal for long days inside the cab. Furthermore, we've increased the glass coverage area on the cab door, which makes it easier to get in and out of the cab.

Cab Headroom

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

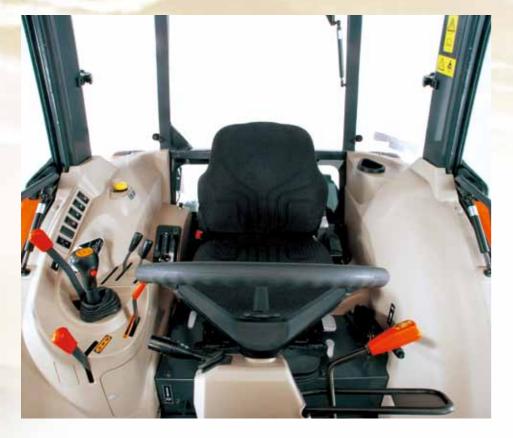
Heater/Air Conditioner

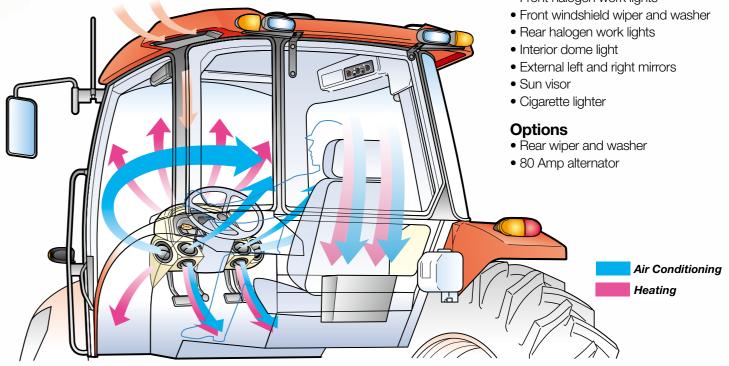
The heating and cooling unit is now located under the seat. The overall air circulation in the cab has been optimised by the cab's rounded glass as well as by placing the air outlets in the dash tower to keep you cooler on hot summer days and warmer on cold mornings, for year around environment control.



Standard Equipment

Front halogen work lights





Accepted Kubota engines and reliable Kubota tractors. A perfect match.







4-valve, Centre-Direct Injection System

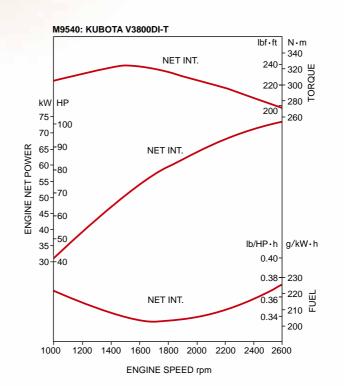
E-CDIS Engine

All of the five M-Series tractors are equipped with Kubota's revolutionary centre-direct injection system (E-CDIS) engine. The E-CDIS engines offer a rare combination of more power, durability and better fuel efficiency, so you'll be able to get the job done quicker and more efficiently while minding your budget. These engines also boast lower noise levels, which equates to less stress and fatigue after long workdays. Finally, all of Kubota's E-CDIS engines comply with Stage IIIA emission standards, so you can rest assured you're running a cleaner engine.



V3800DI-T

The 3.8L V3800DI-T comes standard on both the M8540 and M9540 tractors. This hearty diesel engine employs a reliable 4-valve, centre-direct injection system to achieve greater towing power. This modern technology in combination with the turbo charger assured highest power in a wide rpmrange.



V3307-DI

The V3307-DI has been specially designed and built for M-Series tractors M6040 and M7040. The V3307-DI is a compact but powerful engine, offering an increased engine displacement of 3.3L. The M-Series tractors

equipped with this high performance powerhouse provide high torque rise giving them the ability to take on even the most heavy-duty applications.



Low Noise and Low Vibration

To help reduce operator fatigue and stress, the V3307-DI has been specially designed to minimise noise and vibration. This is accomplished through several innovative technologies. Noise is reduced through a ladder frame crankshaft support, giving the engine a stiffer structure and thus lower noise. Vibration is lowered through the application of compact, built-in balancers.

Increased PTO Power

To give the M-Series even more power and to make working with large implements easier, Kubota has increased PTO horsepower



F15/R15 Transmission (M6040/M7040)

Synchronised five speeds of the main shift and three speeds of the range shift (including creep speed) supply tractors with 15 Forward and 15 Reverse speeds.



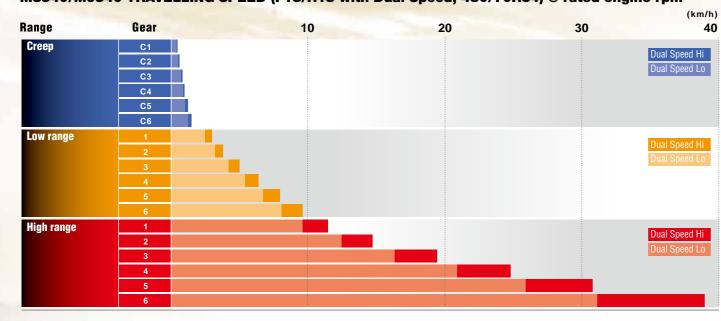
M6040/M7040 ROPS Models

M8540/M9540 Cab Models

F36/R36 Transmission (M8540/M9540)

In addition to the 6 speeds of the main gear shift and the three steps of the range shift, the models M8540 and M9540 are equipped with a Hi-LO 2-speed power shift. 36 forward and 36 reverse speeds are available that allow an excellent adaptation to all requirements. Especially the Hi-Lo 2-speed power shift is helpful when working in changing soil conditions.

M8540/M9540 TRAVELLING SPEED (F18/R18 with Dual Speed, 480/70R34) @ rated engine rpm



Hydraulic Shuttle

Better than ever, our Hydraulic Shuttle for the M-Series 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. And when attaching implements, our improved inching feature is easy to perform, giving you the same feel as a mechanical clutch.



Hydraulic Wet Disk Brakes

To decrease operator effort and increase overall tractor longevity, M-Series tractors now come standard with Hydraulic Wet Disk Brakes. These brakes require less pedal effort and retain high performance efficiency even after repeated heavy-duty work.

Transmission Parking Lock (M8540/M9540)

An easy-to-operate gear-lock parking brake, located beside the main shift, is now independent from the main brakes. This brake lock is highly durable and reliable, providing precise parking on any terrain conditions. All models are standardequipped with a parking brake lever.



Limited Slip Differential

The standard Limited Slip Differential helps you maintain a stable travel speed should the drive wheel on either side of the tractor slip. In this case, the differential automatically transfers power to the other wheel, enabling stable, worry-free operation during ploughing and other tasks that require reliable traction.

Hydraulic 4WD Engagement

Stay productive by switching the 4-wheel drive on and off without stopping, even when moving out of a field onto a road. One simple switch does it all.

Electric Hydraulic Differential Lock (M8540/M9540)

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.





TOUGH OPERATION

Large Pump Capacity

The hydraulics on the M-Series are state-of-the-art. External hydraulic cylinders improve lifting power. The M-Series offers a large pump capacity of 64.3 L/min (M8540/M9540). As a result, productivity is increased and operation is facilitated. Two hydraulic remote valves are standard, with the option to add up to 1 more, plus an optional flow control valve.

High 3-point Hitch Lift Capacity

The Category I & II (M6040/M7040) and Category II (M8540/M9540) 3-point hitches provide fast and simple attachment of rear-mounted implements.

Lifting capacity						
M7040/M6040	2300 kg					
M9540/M8540	4100 kg					

Note: at link-end

Floating Lift Rods

Floating lift rods are standard on both sides of the M8540 and M9540. Floating lift rods give the M-Series tractors a smoother ride and enhanced traction while using the 3-point hitch, especially on uneven terrain.

Quick Hitch-type Lower Link

With an easy-to-operate lever, this timesaving feature allows you to quickly attach and detach implements



Enganged or disengaged with a single button, the standard 540rpm/540Erpm hydraulic independent PTO (1000 rpm is optional on M8540/M9540) makes pulling, lifting, cutting or baling easier. Self-modulation engagement with a light touch mean implements like rear cutters 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.



Hydraulic Trailer Brake

Standard on M8540/M9540, optional on M6040/M7040, the hydraulic trailer brake system is an important feature that increases safety when towing trailers.



The bevel-gear front axle provides the M-Series with greater all-around manoeuvrability. It enables M-Series tractors a tighter turning radius than ever before, an amazing 55 degrees. This makes easy work of jobs in tight spaces. The front-axle oscillating angle is also 20% greater offering increased stability on uneven terrain. Limited Slip Differential on the front and Differential Lock on the rear are standard features, offering increased stability and traction on challenging ground conditions.

Power and good visibility take center stage at the front loader of the M-Serie

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.



FRONT-LOADER

LOADER COMPATIBILITY & OPTIONS

Loader models	Tractor	Bucket	Option						
			Hyd. Self Leveling	3rd Function Valve	Hyd. Quick Coupler				
LA1153	M7040/ M6040	72"/ 84"	\circ	0	0				
LA1353	M9540/ M9540LP/ M8540	72"/ 84"	\bigcirc	\bigcirc	0				



All New Design

The Kubota M-Series Front Loader has undergone a full model change. The new loaders have dramatically increased lifting power, perfect for farm use. Its design has also been fully integrated into the new tractor design with a slanted boom to match the tractor's bonnet. This not only gives the M-Series a sleeker look it supplies the operator with more visibility and clearer sight lines to the bucket and loader sides.

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.

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.

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.

Protected Cylinder Tubes

To better protect the tractor hydraulics and offer the operator more visibility, the hydraulic tubes are neatly tucked inside the loader boom. Hydraulic tube covers further provide protection from wear and tear.

Improved Bucket

Some recent improvements in the loader bucket include a round back, which increases durability and makes dumping sand and soil easier. Standard bucket size is 72"; large capacity buckets (for LA1353 only) are 84".









Kubota Shockless Ride (KSR)

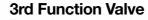
The KSR absorbs loader shock and reduces operator fatigue. This option is perfect if your tasks include a great deal of tight turns or lifting and dumping of heavy loads. It effectively takes the "bounce" out of handling round bales.



Single-Lever Hydraulic Quick Coupler

The optional quick coupler allows the operator to attach all four hoses at once. This makes attaching and detaching quick and easy, even when you're doing it often.





The optional 3rd function valve broadens the scope of the front loader operation by 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 of the joystick.

LOADER SPECIFICATIONS

Model	LA1	153	LA1353 M8540, M9540, M9540 Low Profile*1)			
Tractor applications	M6040,	M7040*1)				
Boom Cylinder Fulcrum		Height position	Power position	Height position	Power position	
Maximum Lift Height (Pivot pin)	mm	3370	2977	3700	3350	
Clearance w/Attachment Dump	mm	2577	2172	2808	2405	
Reach @ Maximum Height	mm	357	811	738	1149	
Maximum Dump Angle	degrees	43	60	52	64	
Reach w/Attachment on Ground mm		19	47	2233		
Maximum Rollback Angle	degrees	4	3	40		
Digging Depth(When bucket is level)	mm	134	111	198	185	
Overall Height in Carry Position	mm	1573		1695		
Material Bucket Width/capacity(Heaped)	mm (m³)	1830 / 0,55		1830 / 0,55 or 2135 / 0,64		
Lift Capacity(Pivot pin)	lbs. (kg)	1120	1328	1810	1880	
Raising Time to Full Height w/out Load*2)	second	4.7		4.6		
Lowering time w/out Load (Powerdown)*2) second		3.6		3.1		
Attachment Rollback Time	second	3	.0	2.6		
Attachment Dumping Time second		2.8		2.2		

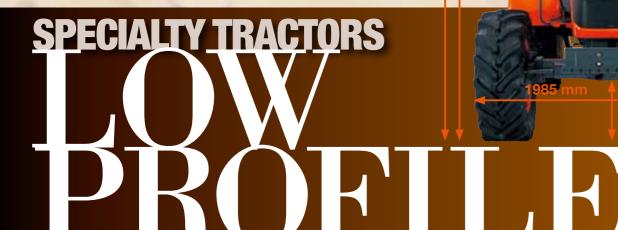
^{*1)} The Front Loader is not available for Narrow Models.

^{*2)} Standard valves.



The perfect tractor when your expectations are high, but your clearance is low.

Designed specifically for low-clearance applications, the M9540 Low Profile delivers the performance you want, and the quality you demand. The low profile, sliding ROPS reduces overall tractor height to 1,687 mm (ROPS retracted). The M9540 Low Profile tractor is full of features that make it ideal for working under 1635 mm trees—including low and wide fenders, a low steering wheel, a short 1423 mm shuttle lever, a concealed under muffler and a metallic fuel tank. This tractor keeps everything low to meet your high expectations.





Engine

Equipped with a 95-horsepower, 4-valve, CDI (Centre-Direct Injection) V3800DI-T diesel engine, the Kubota M9540 Low Profile tractor delivers outstanding pulling power and impressive traction. Coupled with its turbo charger, you have all the power you need to perform heavy-duty tasks yet achieve exceptional fuel efficiency.

Transmission

The transmission on the M9540 Low Profile features six speeds on the main shift, as well as 3 speeds on the range shift, to offer a total of 18 Forward and 18 Reverse speeds (including creep speed).

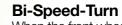


High Hydraulic Performance

The M9540 Low Profile boasts a hydraulic pump capacity of 64.3 L/min and an increased lifting capacity of 4,100 kg to allow the use of large implements. Two auxiliary control valves are standard equipment, and another one can be added as an option.

Hydraulic shuttle

The Hydraulic Shuttle makes shifting between forward and reverse a smooth and quick operation. With the Hydraulic Shuttle, a columnmounted lever, conveniently located next to the steering wheel, does all the work. Boost productivity by eliminating the need to depress the clutch every time you change directions.



When the front wheels exceed a turning angle of about 35°, the Kubota Bi-Speed Turn rotates the front wheels at a rate of speed nearly twice that of the rear wheels. The result is a smoother, tighter turn, allowing you to turn into rows on your first attempt, or to easily manoeuvre around livestock yards or buildings.



Sliding (ROPS)

A sliding Rollover Protective Structure (ROPS) is standard for the M9540 Low Profile. If the tractor needs to pass through areas with height constraints, such as doorways or beneath low branches, the ROPS can be temporarily retracted quickly and easily, and without tools.





Narrow and tight - for working in confined spaces and narrow rows.

Narrow tractors were built specifically for those who work in vineyards, orchards or anywhere else that might require a narrow and compact tractor with M-Series power.

To further ensure that these machines go where you want them, we've also rounded the fenders, included standard foldable hazard lights and made certain that the levers are positioned so as not to interfere with low branches.

SPECIALTY TRACTORS A RESIDENCE OF THE SPECIAL T



Innovative Kubota Narrow Cab

The M7040 and M8540 narrow tractors feature a newly designed, air-conditioned cab that keeps the operator comfortable while on the job. Whether you're trying to beat the heat on a hot summer day, or stay cosy during the chill of winter, the deluxe air conditioner/heater puts you in charge of the climate.

F15/R15 Transmission

Synchronised five speeds of the main shift and three speeds of the range shift supply tractors with 15 Forward and 15 Reverse speeds (including creep speed).

Bi-Speed TurnWhen the front whe

When the front wheels exceed a turning angle of about 35°, the Kubota Bi-Speed Turn rotates the front wheels at a rate of speed nearly twice that of the rear wheels. The result is a smoother, tighter turn, allowing you to turn into rows

Standard Equipment

work lightsInterior dome light

7-pin trailer coupler

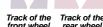
Rear wiper and washe80 Amp AlternatorAuxiliary remote contra

Optional Equipment

Front windshield wiper and washerTwo front and two rear halogen

Power socket for cigarette lighte3-pin, 12 Volt, 30 Amp coupler

on your first attempt, or to easily manoeuvre around livestock yards or buildings.



Auxiliary Control Valves for Front Implements

Two auxiliary control valves can be attached on the right side of the tractor as an option. The control lever is located next to the steering wheel for easy operation, allowing easy front implement use. Also, a flow control valve can be installed for hydraulic motor operation.

Hydraulic system and PTO

Our Narrow tractors are equipped with a hydraulic system with a pump capacity of 61 l/min and a lift capacity of 2300 kg at the 3-point hitch. Adequate for work with heavy attachments. The independently shiftable rear PTO with integrated PTO brake allows safe and effective work.



SPECIFICATIONS

Model		M6040 DT/DTQ	M7040 DTQ	M8540 DTQ	M9540 DTQ	M9540 DTL	M6040 DTN	M7040 DTNQ	M8540 DTNQ	
Engine										
Type (Brand: Kubota)		V3307-DI-TE3, E-CD	IS, Direct Injection	V3	800-DI-TE3, E-CDIS, Direct In	jection	V3307-DI-TE3, E-CDIS, Direct Injection V3800-DI-TE3, E-CDIS, Direct Inj			
No. of cylinders / Aspiratio	n				4 cylinder/ 4 va	alves / Turbocharged				
Rated speed	rpm					2600				
Engine gross power accord	ding to 97/68/EG kW (PS)	48.5 (66.0)	54.6 (74.3)	65.1 (88.5)	72	.9 (99.1)	48.5 (66.0)	54.6 (74.3)	65.1 (88.5)	
PTO power according to IS	SO789-1 kW (PS)	41.7 (56.7)	47.7 (64.9)	56.7 (77.1)	62	.7 (85.3)	41.7 (56.7)	47.7 (64.9)	56.7 (77.1)	
Total displacement	cm ³	333	1		3769		333	31	3769	
Fuel tank capacity (ROPS/	Cab) I	70 / 90	90		110	90	60		78	
Alternator (ROPS/Cab)	Amp	45 / 60		60		45	45	60		
Transmission	·									
	ROPS	15 forward / 15 reverse				18 forward / 18 reverse	15 forward / 15 reverse			
·	Cab	15 forward /	15 reverse	36 forward	d / 36 reverse			15 forw	ard / 15 reverse	
Max. speed	km/h	39			40	35	37			
Main gear shift		5 / Fully synd			6 / Fully synchronised		5 / Fully synchronised			
Hydraulic shuttle		c / i diiy dyiii	ornornood			umn-mounted lever		o / r any syricinomicsa		
Main clutch type						ulti-plate wet disc				
Brake type										
Trailer brake		Ontic	Hydraulic wet discs, 4 wheel braking				Oakina			
		Орис	Option Standard				Option			
4WD engagement system		Limited alimentanesis differentia	Electro-hydraulic			in differential land.	Electro-hydraulic w/Bi-speed			
Differential lock (Front / Re	ar)	Limited slip automatic differentia	Limited slip automatic differential / Mechanical differential lock Rear: mechanical differential lock Rear: mechanical differential lock							
PTO										
PTO type						O, electro-hydraulic clutch				
Speed	rpm				540/540E (5	40/1000 optional)				
Hydraulics										
Pump capacity (3-point hit	ch) I/min.	61.0	0		64.3			61		
3-point hitch						ends, telescopic stabilisers				
Category		1/1	l		ll .			I (II)		
Control system				Position, draft (top link sensing) & mix control						
Lift capacity at link end	d kg	2300 4100			2300					
No. of standard remote	e valves	2 standard (3rd optional)								
Other features										
Steering					Hydrostati	c power steering				
Bonnet type		Full open, slanted, steel								
Deck type / Pedal type		Full flat deck / Hanging pedals Semi flat deck / Hanging pedals								
Panel type					El	ectronic				
Front fenders		Standard, rotable				Option				
Dimensions & weight										
Overall length (ROPS / Cab	o) mm	3615 / 3675	3675		3955	3985	362	20	3680	
Overall height (top of ROPS	S / Cab) mm	2495 / 2545	2545	2	2650	2450 (Steering height: 1635)	2240		2310	
Wheelbase (ROPS / Cab)	mm	2050 / 2110	2110	2	2250	2250		2050		
Min. ground clearance (RO	PPS / Cab) mm	415 / 420	420		455	390	31	0	360	
	Front mm	1450 -	1550		0 / 1620	1550 - 1660	1141 -		1140 - 1155	
	Rear mm	1426 -		1537 / 1682		1515 - 1785	980 - 1380	980 - 1286	1060 - 1266	
				3.8						
Turning radius (w/o brake)	m	3.4			3.8	3.55		3.75 w/Bi-speed		

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.





Further models of the M-Series: Our power packs M108 S and M130 X. Powerful, tough, easely to operate.

For more info, please visit: http://www.kubota-eurom.net/

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