



For Earth, For Life
Kubota

Made in
Japan

M

KUBOTA DIESEL TRACTOR
M7040/M8540/M9540
Premium Standard Tractor

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



A brand new M-Series from top to bottom, inside and out.

Newly Designed Ultra Grand Cab

The cab of our M-Series tractors has been completely 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 pipe has been relocated and the windshield now boasts a pantograph wiper.

Heater/Air Conditioner

The heater and air conditioner have been improved for the new M-Series. We've relocated the air outlets to the dash tower to keep you cooler in the heat and warmer in the cold by optimizing the air flow around the operator.

LCD Readout

A new LCD readout makes viewing travel speed, PTO revolution and hour meter information clear and easy.

Independent PTO

The Hydraulic Independent PTO helps you increase productivity. The M-Series comes with a standard 540 rpm Hydraulic Independent PTO (1,000 rpm is optional on M8540/M9540).

3-Point Hitch

The Category I & II (M7040) and Category II (M8540/M9540) 3-point hitches provide fast and simple attachment of rear-mounted implements. Two external hydraulic cylinders provide equal lifting force and smooth transfer of hydraulic power for easy operation.

Hydraulics

The M-Series' hydraulic pumps are now located on the side case instead of on the engine. This shortens the oil flow path increasing efficiency.

Multiple Wet Disc Clutch

The multiple wet disc clutch provides durability and a longer operating life.

Limited Slip Differential

The standard Limited Slip Differential (M7040/M8540/M9540) helps you maintain a stable travel speed should the drive wheel on either side of the tractor slip.





E-CDIS and E-TVCS engines

Kubota's revolutionary new center-direct injection system (E-CDIS) engines offer more durability, power and fuel efficiency. The three vortex combustion system (E-TVCS) indirect injection diesel engine also provides greater power and higher torque with low noise and vibration.

New Hood Design

The sleek new slanted steel hood design of the M-Series offers greater visibility over the hood especially during loader operation. Not to mention that it compliments overall design of tractors.

F8/R8 Transmission (M7040 & M8540)

Synchronized four speeds of the main shift and a high/low range supply tractors with 8 Forward and 8 Reverse speeds.

F12/R12 Transmission (M9540 ROPS & M9540 CAB)

For heavy-duty work the hydraulic-shuttle models of the M9540 is equipped with an F12/R12 transmission.

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

Easy to shift 4WD Engagement

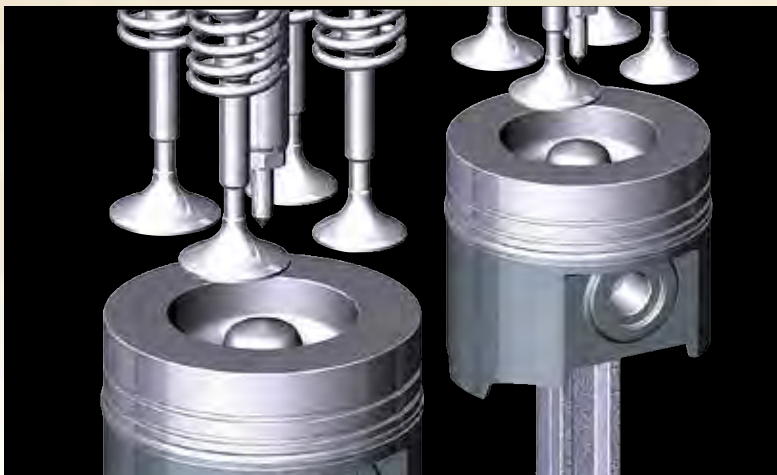
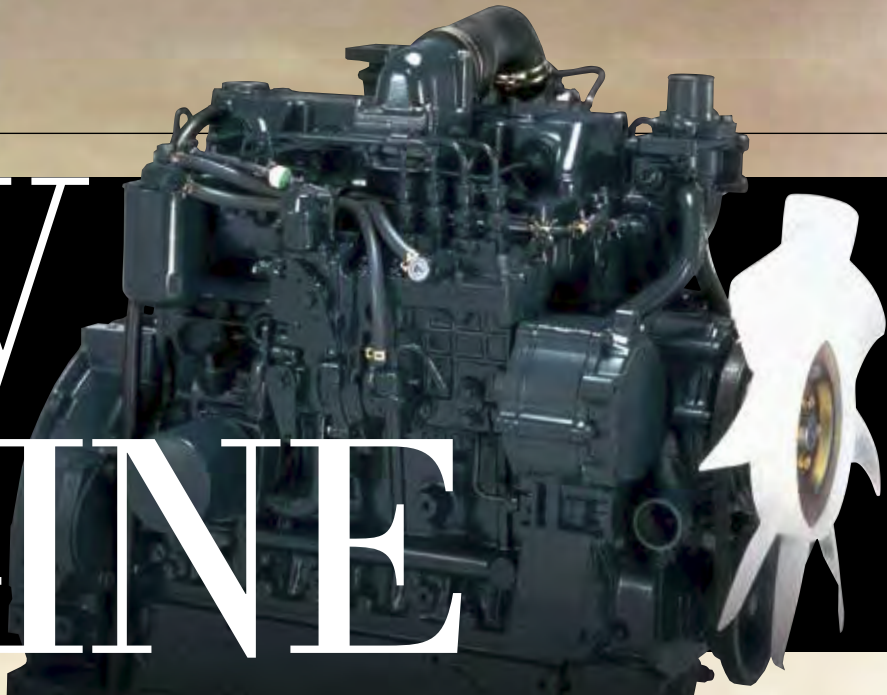
Stay productive by switching the 4-wheel drive on and off without stopping, even when moving out of a field onto a road. One simple switch does it all.

Bevel-Gear Front Axle

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

Brand new engines give the M-Series more power, better performance and excellent fuel economy.

NEW ENGINE



4-valve, Center-Direct Injection System

V3800DI-T (M8540 & M9540)

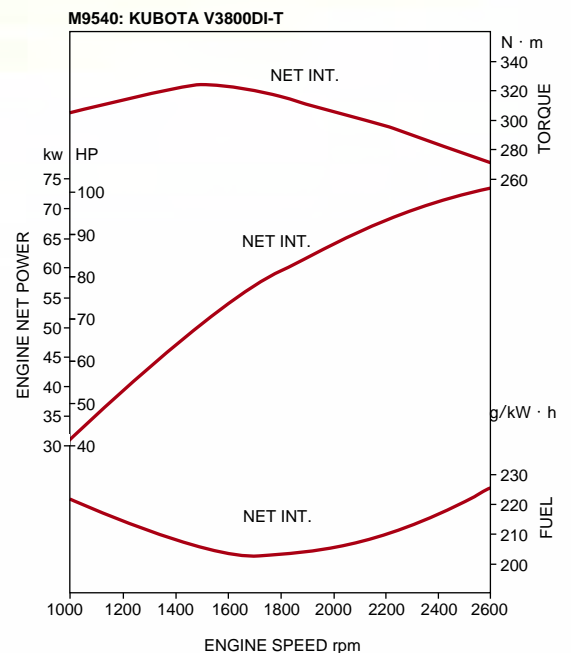
The 3.8L V3800DI-T comes standard on both the M8540 and M9540 tractors. This hearty diesel engine employs a reliable 4-valve, center-direct injection system to achieve greater towing power. Combine this with the V3800DI-T's turbo charger and you have all the power you'll ever need, especially in the low rpm range, to perform heavy-duty tasks and during operations requiring sure-footed traction.

V3307-DI (M7040)

Kubota engines produce greater power, increased efficiency and decreased emissions. The V3307-DI is a compact but powerful diesel engine that provides an increased displacement of 3.3L. The M-Series tractors equipped with this high performance powerhouse provides high torque rise giving it the ability to take on even the most heavy-duty applications.

E-CDIS Engine

The M7040, M8540 and M9540 tractors are equipped with Kubota's revolutionary center-direct injection system (E-CDIS) engines that offer more power, durability and better fuel efficiency. These engines also boast lower noise levels for less stress and fatigue.



The M-Series shifts into high gear with more transmission options and smoother operation.

TRANSMISSION



M9540 CAB Model

F12/R12 Transmission (Only available for M9540 ROPS/CAB)

For heavy-duty work such as plowing, hay work and heavy trailer applications the hydraulic-shuttle models of the M9540 ROPS/CAB models are equipped with an F12/R12 transmission. This transmission features six speeds of the main shift and a high/low range giving it a total of 12 Forward and 12 Reverse speeds.

Hydraulic Shuttle Shift

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 half-clutch operation.



Hydraulic Wet Disc Brakes (M8540 & M9540)

To decrease operator effort and increase overall tractor longevity, the Kubota M8540 and M9540 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.

Transmission Parking Lock (M8540 & M9540)

An easy-to-operate transmission parking lock, located beside the main shift, is now independent from the main brakes. This lock is highly durable and reliable, providing precise parking on any terrain.



Multiple Wet Disc Clutch

The multiple wet disc clutch provides durability and a longer operating life.

Limited Slip Differential

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 M7040, M8540 and M9540, Limited Slip Differential is perfect when reliable traction is essential.

Easy to shift 4WD Engagement

Switching the 4-wheel drive on and off is easy and quick, and done with one simple lever. 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. The 4WD indicator on the LCD readout lets you know you're in 4WD.



(Do not engage while carrying heavy loads, or when rear wheel is spinning.)

Looks aren't everything. So we've made it more comfortable, ergonomic, practical, durable and spacious too.

NEW DESIGN

New Hood Design

The sleek new slanted steel hood design of the M-Series offers greater visibility for the operator both for normal operations and when using a front loader. This hood can also be easily opened to provide convenient maintenance of the engine, AC condenser, radiator and air filter.



Headlights

The M-Series now comes with halogen lights with corner lamps. These lights are not only more efficient; they also provide more illumination from dusk to dawn.



Re-Engineered Seats

Reclining, weight-adjusted seats are standard equipment on all M-Series models. These comfortable seats were specifically designed to absorb shock, significantly reducing operator fatigue. We've also added a convenient manual holder in the seat back. (ROPS model)



LCD Readout

A new LCD readout makes viewing vital functions of your M-Series tractor clear and easy. View travel speed, PTO revolution and hour meter information digitally. LED illumination type analog indicators include a large tachometer, temperature gauge and fuel gauge. A battery warning light and a 4WD indicator have also been added to the M-Series.



Menu button

Improved Steering Wheel and Column Design

The improved design accommodates any size operator. An easy-to-use foot pedal has been added to adjust the steering wheel and shuttle lever so that they can be moved together for comfortable operation experience.



Flat Deck (ROPS model) Full-Flat Deck (CAB model)

When operating a tractor, space comes at a premium. The M-Series flat deck neatly repositions most of the operational levers, including main shift and range lever, auxiliary control lever, hand-throttle, position draft control lever and PTO clutch lever, to the right of the seat. This offers the operator more legroom and is far more comfort.



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

ULTRA **GRAND** **CAB**



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.

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.

Corner Post Exhaust Pipe (CAB model)

The exhaust pipe on the M-Series has been repositioned along the right side of the cab providing the operator with a clear and unobstructed field of view.

Easy-Step Tilt Steering Wheel

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.



User-friendly levers

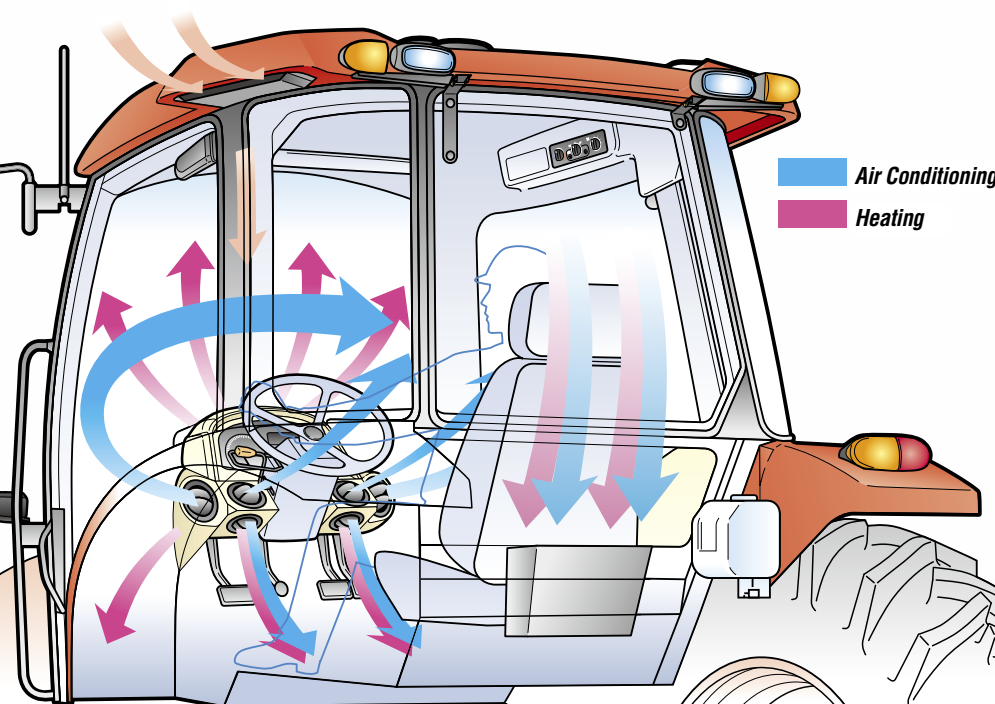
All of the operation levers are within easy reach, so the operator doesn't need to shift their body position or stretch awkwardly to operate the levers. The levers are designed to be moved with little effort, the operator can work longer with less fatigue and in greater comfort.





Heater/Air Conditioner

The heating and cooling unit is now located under the seat. The overall air circulation in the cab has been optimized 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
- Front windshield wiper and washer
- Rear halogen work lights
- Interior dome light
- External left and right mirrors
- Sun visor
- Cup holder
- Cigarette lighter
- 7-pin trailer coupler

Options

- Rear wiper and washer
- Rear defogger
- 80 amp alternator

M-Series Tractors give you the power, durability and longevity to take on just about any job you throw at them.

HEAVY DUTY



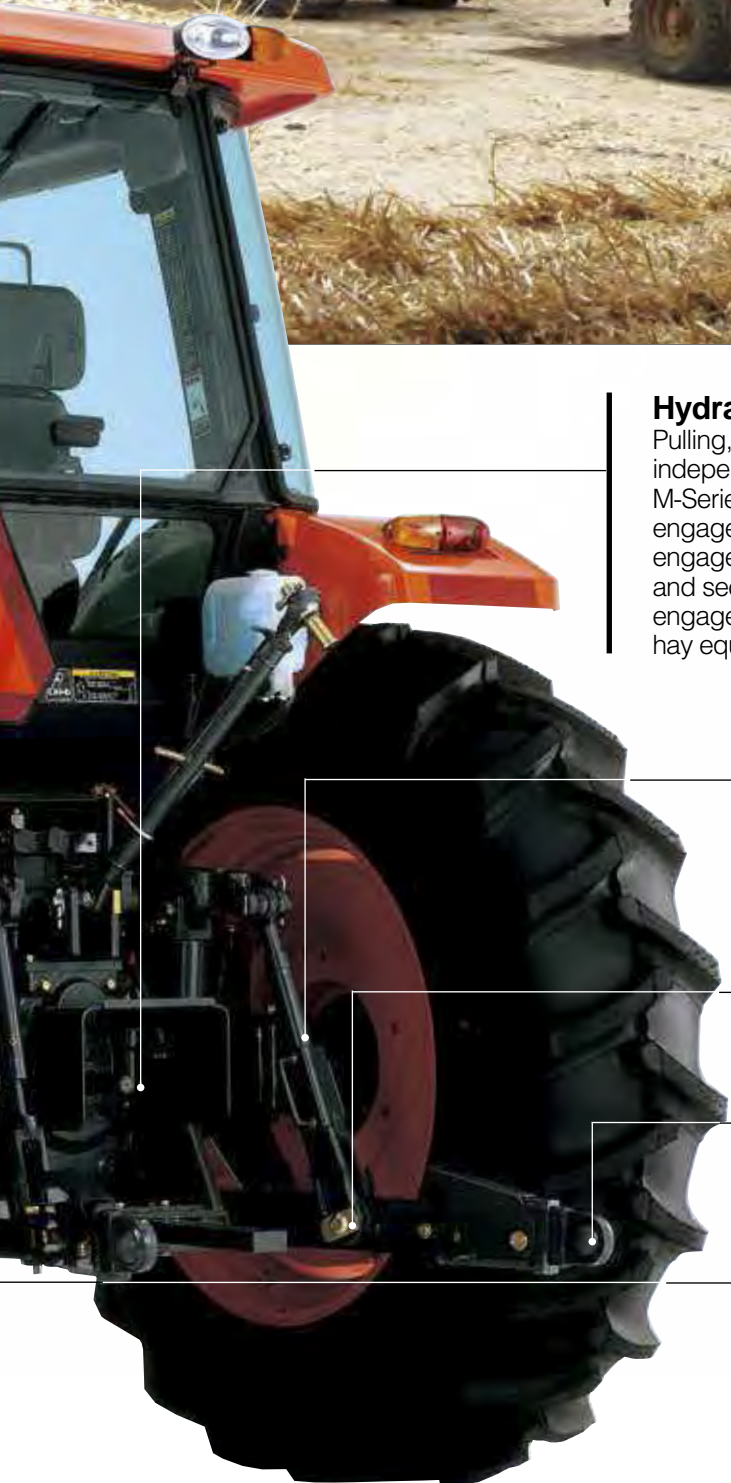
Hydraulics

The hydraulics on the M-Series are state-of-the-art. External hydraulic cylinders improve the lifting power and offer easier maintenance. The M-Series offers a large pump capacity of 64.3 lpm (M8540/M9540). As a result, the front loader cycle times are short, increasing productivity and facilitating operation. One hydraulic remote control valve with self-cancelling detent is standard, with the option to add up to 2 more, plus an optional flow control valve to control the oil flow volume.

Bevel-Gear Front Axle

The bevel-gear front axle provides the M-Series with greater all-around maneuverability. 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.





Hydraulic Independent PTO

Pulling, lifting, cutting or baling; the standard 540 rpm hydraulic independent PTO (1000 rpm is optional on M8540/M9540) of the Kubota M-Series tractors makes your toughest work easier. Self-modulation engagement with a light touch means implements like a rear cutter 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.

3-Point Hitch

The Category I & II (M7040) and Category II (M8540/M9540) 3-point hitches provide fast and simple attachment of rear-mounted implements. On the M7040 the capacity is 1500kg, on the M8540 it is 2100kg, and on the M9540 it is 3300kg.

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.

Telescopic Lower Link Ends

The telescopic lower link ends, standard on all M-Series models, further facilitate implement attachment.

High Capacity Option

Large diameter cylinders boost lifting power by as much as 50%—perfect for large implements and larger farm uses. They are optional on M8540 (standard on M9540 ROPS/CAB).

The M-Series Front Loader puts power and visibility front and center.

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 hood. 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.

FRONT LOADER

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.



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.

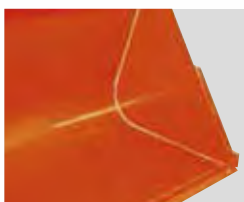
Protected Cylinder Tubes

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.

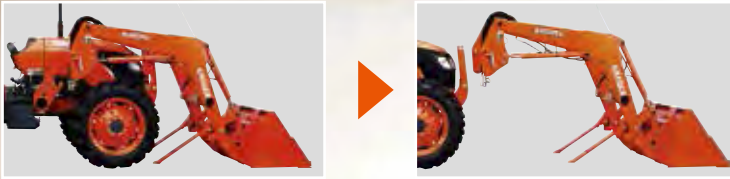


Standard bucket size is 72"; large capacity buckets (for LA1353 only) are 84".

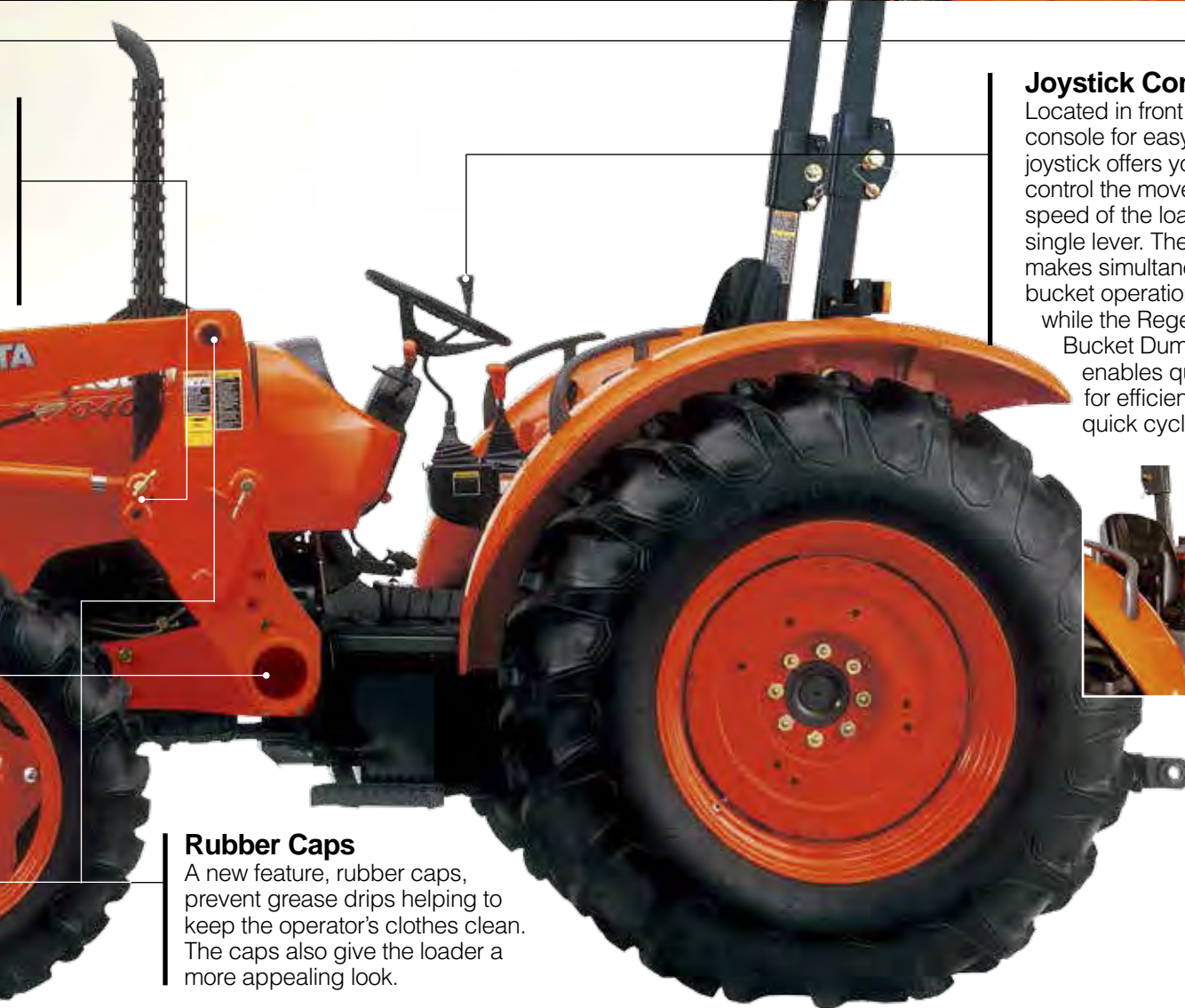


Quick-Mount Attach/Detach

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 models	Tractor	Bucket	Option		
			Hyd. Self Leveling	3rd Function Valve	Hyd. Quick Coupler
LA1153	M7040	72"	○	○	○
LA1353	M9540/ M8540	72"/ 84"	○	○	○



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.



Rubber Caps

A new feature, rubber caps, prevent grease drips helping to keep the operator's clothes clean. The caps also give the loader a more appealing look.



FRONT LOADER OPTIONS

Hydraulic Self-Leveling Valve

This optional feature allows the operator to raise or lower the loader boom while keeping the bucket level to the ground. This will help prevent spills when carrying soil or sand and will make pallet handling smooth and easy. This function can be switched off for times when bucket angles are more advantageous, for instance, during excavation.



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



3rd Function Valve

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	LA1153		LA1353		
	M7040		M8540, M9540		
Tractor applications					
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	498	951	738	1149
Maximum Dump Angle	degrees	43	60	52	64
Reach w/Attachment on Ground	mm	1947		2233	
Maximum Rollback Angle	degrees	43		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)	m ³	0.55		0.55, 0.64	
Lift Capacity (Bucket Center)	kg	1055	1150	1300	1350
Raising Time to Full Height w/out Load ⁽¹⁾	second	4.7		4.2	
Lowering time w/out Load (powerdown) ⁽¹⁾	second	3.6		2.9	
Attachment Rollback Time	second	2.8		2.4	
Attachment Dumping Time	second	3.0		2.2	

⁽¹⁾w/Standard valves.

Specifications

Model		M7040DTH-E3-SAF	M8540DTH-E3-SAF	M9540DTH12-E3-SAF	M9540DTHQ12-E3-SAF
Driving method		4WD	4WD	4WD	4WD
ROPS / CAB		ROPS	ROPS	ROPS	CAB
Engine		V3307-DI-T	V3800-DI-T	V3800-DI-T	
Type (Brand: KUBOTA)		E-CDIS, Direct Injection			
No. of cylinders/Aspiration		4 / Turbocharged			
Engine net power	kW (HP)	52.9 (71)	63.7 (85.5)	70.9 (95)	
PTO power	kW (HP)	47.7 (64)	56.6 (76)	62.7 (84)	
Total displacement	cc	3331		3769	
Engine rpm	rpm	2600			
Fuel tank capacity	ℓ	70	90		110
Alternator	Amp	45			60
Transmission		F8 / R8 (F12 / R12 with optional creep speed kit)	F12 / R12 (F18 / R18 with optional creep speed kit)		
No. of speeds		Fully synchronized (4 speed)		Fully synchronized (6 speed)	
Main gear shift		Standard			
Dual speed (Hi-Lo)		Hydraulic-shuttle			
Shuttle shift		Multiple wet disc			
Main clutch type		Mechanical brake / wet discs			
Brake type		Hydraulic brake / wet discs			
Differential lock (Front / Rear)		Limited Slip Differential / Mechanical			
4WD engagement system		Mechanical			
PTO		Live-independent, hydraulic PTO with PTO brake, wet clutch			
Type		Live-independent, hydraulic PTO with PTO brake, wet clutch			
Speed	rpm	540	540 (1000 optional)		
Hydraulics		64.3			
Pump capacity (3-Point Hitch)	ℓ	41.6	64.3		
3-Point Hitch		Telescopic lower link ends, telescopic stabilizers			
Category		I / II	II		
Control system		Position, draft (top link sensing) & mixed control			
Lift capacity at lifting points	kg	1900	2500	3900	
Lift capacity at 610mm behind lift points	kg	1500	2100	3300	
Cylinder type		Two external cylinders			
No. of standard remote valves		1 (2nd, 3rd optional)	1 (2nd, 3rd & flow control valve optional)		
Other features		Bevel gear type			
4WD system		Hydrostatic power steering			
Steering		Standard			
Tilt steering		Full open, slanted, steel / Hanging			
Hood type / Pedal type		Full open, slanted, steel / Hanging			
Deck type		Semi-flat			Full-flat
Panel type		Electronic			
Fender shape		Wide, round			
Standard tire size		360/70R24			
Front		320/85R20	360/70R24		
Rear		420/85R30	480/70R34		
Dimensions & weight		3760			
Overall length	mm	3445	3760		
Overall height	top of ROPS	mm	2495	2560	–
	top of CAB	mm	–	–	2650
Overall width (minimum)	mm	1850	2005		
Wheelbase	mm	2050	2250		
Crop clearance (Fuel tank)	mm	410	450		
Tread width	Front	mm	1450, 1550	1550, 1620	
	Rear	mm	1430-1720	1540-1940	
Turning radius (w/o brake)	m	3.6	4.2		
Tractor weight	kg	2180	2450	2500	2800

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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www.kubota.co.za



Tel: +27 11 284 2000
www.smithpower.co.za

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