

Kubota



KUBOTA DIESEL TRACTOR

M

M6040/M7040 M8540/M9540

A full-scale model change introduces re-engineered and redesigned M40-Series tractors ergonomically designed to provide optimal performance and comfort.





M40-SERIES

**You've never seen a tractor
like this one before.**





With the new M40-Series, high performance and affordability come together to bring you a range of tractors that can tackle just about anything you throw at it. Kubota has recreated one of its most durable and affordable models with a totally redesigned cab and bonnet, increased hydraulic capacity, new direct injection engines, powerful front loaders and a host of ergonomic improvements. The M40-Series is perfect for dairy and livestock farming, orchards and vineyards, and ploughing. Take one for a test drive and you'll be convinced.



KUBOTA DIESEL TRACTOR
M6040/M7040/M8540/M9540

A brand new M40-Series from top to bottom, inside and out.

Newly Designed Cab

The cab of our M40-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 pipe has been relocated and the windshield now boasts a pantograph wiper.

Hydraulics

All M40-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 (M8540/M9540). Two hydraulic remote valves are also standard equipment.



| | | M6040 | M7040 | M8540 | M9540 |
|----------|------|-------|-------|-------|-------|
| Standard | ROPS | ○ | — | — | — |
| | CAB | ○ | ○ | ○ | ○ |

NEW CDI (Centre Direct Injection) Engine

Kubota's revolutionary new centre-direct 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 these tractors with 15 Forward and 15 Reverse speeds.

F36/R36 Transmissions (M8540 and M9540)

Synchronised six speeds on the main shift and three speeds of the range shift, combined with hydraulic Hi-Lo 2-speed, supply these tractors with 36 Forward and 36 Reverse speeds (including creep speed).



Bevel-Gear Front Axle

The bevel-gear front axle provides the M40-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 M40-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 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.

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

NEW DESIGN

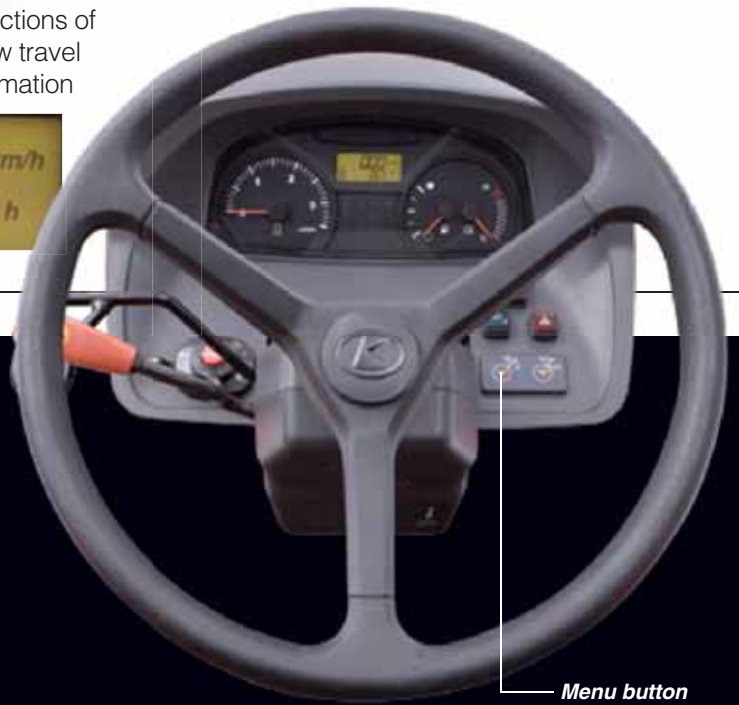
New Bonnet Design

The sleek new slanted bonnet design of the M40-Series offers 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 M40-Series now comes with halogen lights with a corner lamp for more efficient illumination at dawn or in the evening.



LCD Readout

A new LCD readout makes viewing vital functions of your M40-Series tractor clear and easy. View travel speed, PTO revolution and hour meter information digitally. A warning light and 4WD indicator have also been added to the M40-Series.



Menu button



Operator Comfort

Several features on the M40-Series tractors were designed specifically to make the operator more comfortable. The tilt steering wheel column accommodates operators of many different sizes by allowing the wheel and shuttle lever to tilt together. The M40-Series' flat deck neatly repositions all 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 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 M40-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 M40-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 M40-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.

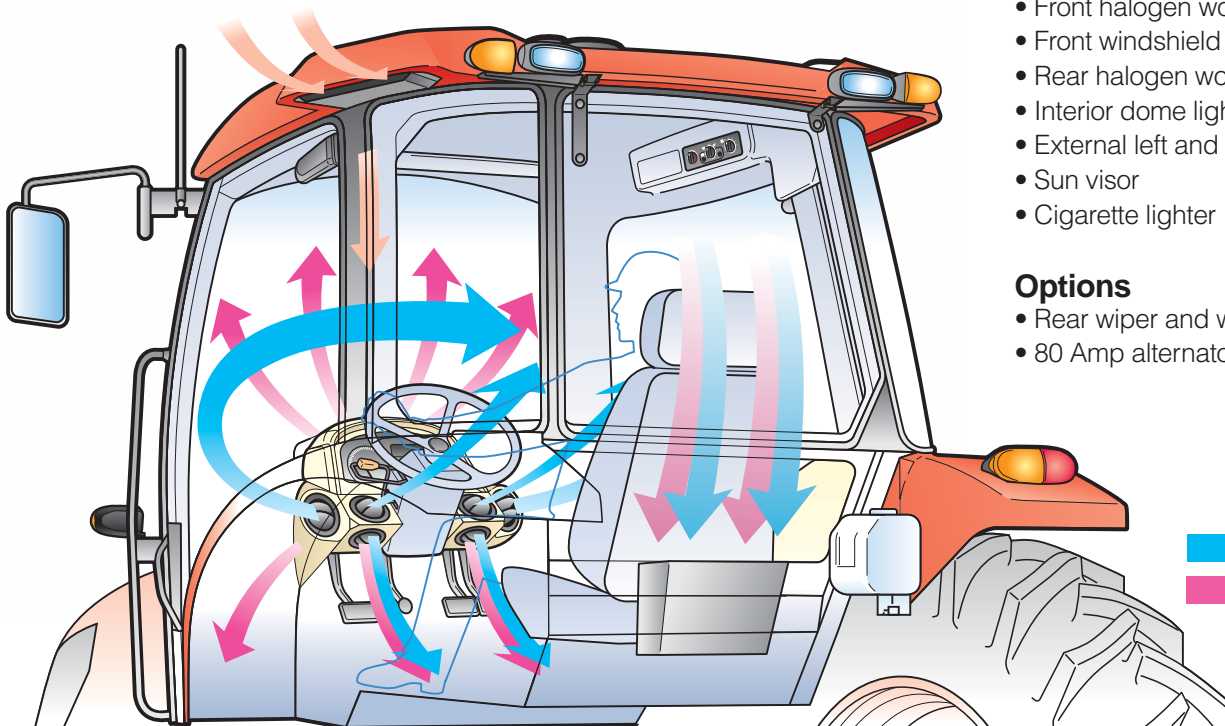
Cab Headroom

The arched beam in the front of the cab and relocated A/C components allowed M40-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

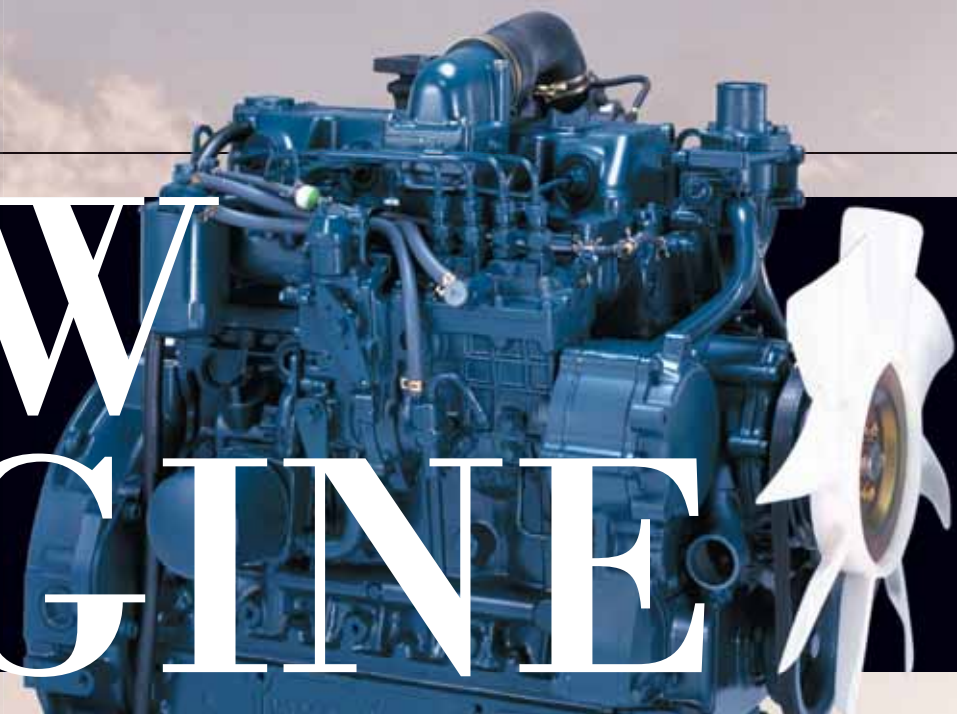
- Front halogen work lights
- Front windshield wiper and washer
- Rear halogen work lights
- Interior dome light
- External left and right mirrors
- Sun visor
- Cigarette lighter

Options

- Rear wiper and washer
- 80 Amp alternator

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

NEW ENGINE



4-valve, Centre-Direct Injection System

E-CDIS Engine

All of the five M40-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 more efficiently and cost effectively. 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.

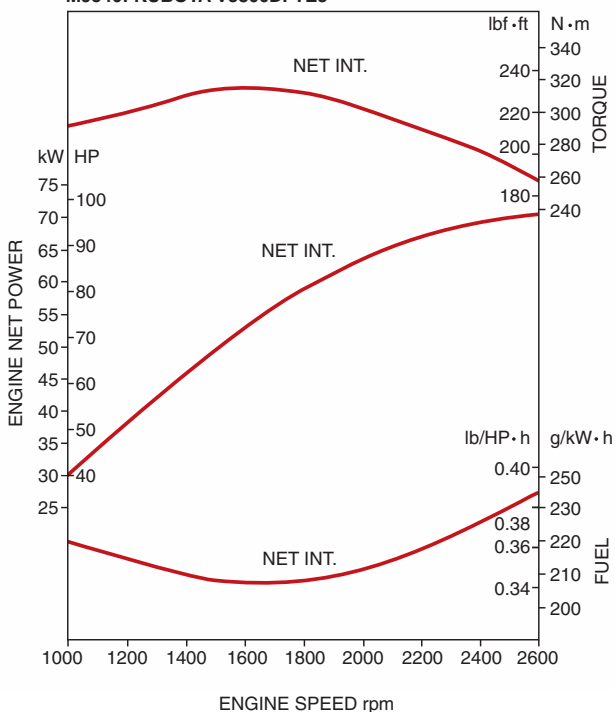




V3800DI-T

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. 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.

M9540: KUBOTA V3800DI-TE3



V3307-DI

The V3307-DI has been specially designed and built for M40-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 M40-Series even more power and to make working with large implements easier, Kubota has increased PTO horsepower.

With multistage transmission and high travel speed, the M40-Series tractors really move you.

TRANSMISSION

M8540/M9540 Cab Models

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.

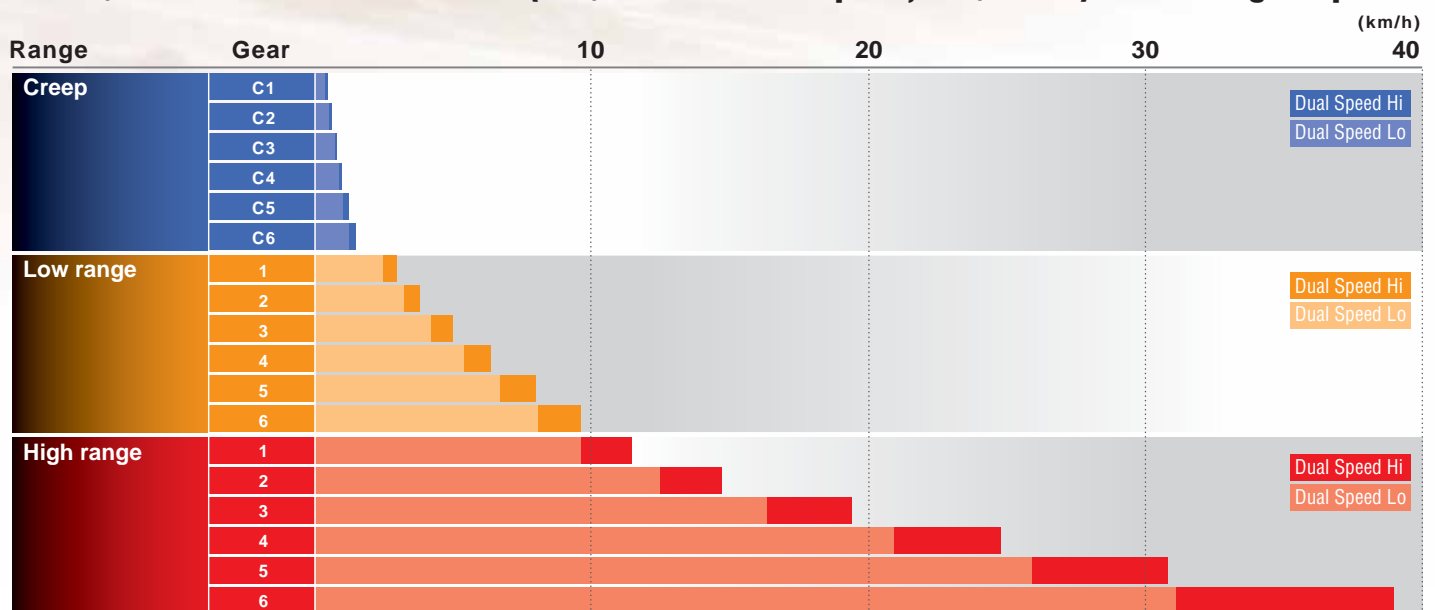


M6040/M7040 ROPS Models

F36/R36 Transmissions (M8540 and M9540)

Synchronised six speeds on the main shift and three speeds of the range shift, combined with hydraulic Hi-Lo 2-speed, supply these tractors with 36 Forward and 36 Reverse speeds (including creep speed). This feature is useful for taking on large load increases and 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 M40-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. 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, M40-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 and 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 standard-equipped 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 and 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.



M40-Series tractors give you the power, durability and longevity to meet the demands of almost any job.

HEAVY DUTY

Large Pump Capacity

The hydraulics on the M40-Series are state-of-the-art. External hydraulic cylinders improve lifting power. The M40-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 2 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 M40-Series tractors a smoother ride and enhanced traction while using the 3-point hitch, especially on uneven terrain.

Quick Hitch-type Lower Link

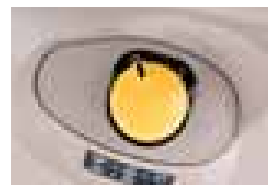
With an easy-to-operate lever, this time-saving feature allows you to quickly attach and detach implements.





Hydraulic Independent PTO

Engaged or disengaged with a single button, the standard 540rpm/540Erpm (M6040/M7040) and 540rpm/1000rpm (M8540/9540) hydraulic independent PTO 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.



Bevel-Gear Front Axle

The bevel-gear front axle provides the M40-Series with greater all-around manoeuvrability. It enables M40-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 (M7040/M8540/M9540) and Differential Lock on the rear are standard features, offering increased stability and traction on challenging ground conditions.

The M40-Series Front Loader puts power and visibility front and centre.

FRONT LOADER

All New Design

The Kubota M40-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 M40-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 M40-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 COMPATIBILITY & OPTIONS

| Loader models | Tractor | Bucket | Option | | |
|---------------|-----------------|--------------|--------------------------|--------------------------|--------------------------|
| | | | Hyd. Self Leveling | 3rd Function Valve | Hyd. Quick Coupler |
| LA1153 | M7040/ M6040 | 72" / 84" | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LA1353 | M9540/ M8540 | 72" / 84" | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



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.





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 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 | | |
|---|-------------------------------|-------------------|-----------------|--------------------------------------|------|
| | M6040, 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 | 357 | 811 | 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) | in. /cu.ft. (m ³) | 72 / 19.43 (0.55) | | 72 / 19.43 (0.55), 84 / 22.60 (0.64) | |
| Lift Capacity (Pivot pin) | lbs. (kg) | 1120 | 1328 | 1810 | 1880 |
| Raising Time to Full Height w/out Load ⁽¹⁾ | second | 4.7 | | 4.6 | |
| Lowering time w/out Load (Powerdown) ⁽¹⁾ | second | 3.6 | | 3.1 | |
| Attachment Rollback Time | second | 3.0 | | 2.6 | |
| Attachment Dumping Time | second | 2.8 | | 2.2 | |

⁽¹⁾w/ Standard valves.

Specifications

| Model | | M6040 | M7040 | M8540 | M9540 |
|--------------------------------------|-----------------|--|----------|---|-------|
| Engine | | | | | |
| Type (Make: Kubota) | | V3307-DI-TE3, E-CDIS, Direct Injection | | V3800-DI-TE3, E-CDIS, Direct Injection | |
| No. of cylinders / Aspiration | | 4 / Turbocharged | | | |
| Rated speed | rpm | 2600 | | | |
| Engine gross power | HP | 66.0 | 73.6 | 89.4 | 98.7 |
| Engine net power | HP | 63.5 | 71.0 | 85.5 | 95.0 |
| PTO power | HP | 56.0 | 64.0 | 76.0 | 84.0 |
| Total displacement | cm ³ | 3331 | | 3769 | |
| Fuel tank capacity (ROPS / Cab) ℓ | | 70 / 90 | | 90 / 110 | |
| Alternator (ROPS / Cab) | Amp | 45 / 60 | | | |
| Transmission | | | | | |
| No. of speeds | ROPS | 15 forward / 15 reverse | | – | |
| | Cab | 15 forward / 15 reverse | | 36 forward / 36 reverse | |
| Max. speed | km/h | 38 | | 39 | |
| Main gear shift | | 5/Fully synchronised | | 6/Fully synchronised | |
| Hydraulic shuttle | | Standard, column-mounted lever | | | |
| Main clutch type | | Hydraulic multi-plate wet disc | | | |
| Brake type | | Hydraulic wet discs, 4 wheel braking | | | |
| Trailer brake | | Option | | Standard | |
| 4WD engagement system | | Electro-hydraulic | | | |
| Differential lock (Front / Rear) | | Limited Slip Automatic Differential / Mechanical Differential Lock | | Limited Slip Automatic Differential / Hydraulic Differential Lock | |
| PTO | | | | | |
| PTO type | | Live-independent PTO, electro-hydraulic clutch | | | |
| Speed | rpm | 540/540E | | 540/1000 | |
| Hydraulics | | | | | |
| Pump capacity (3-point hitch) ℓ/min. | | 61.0 | | 64.3 | |
| 3-point hitch | | Quick-hitch lower link ends, telescopic stabilisers | | | |
| Category | | I / II | | II | |
| Control system | | Position, draft (top link sensing) & mix control | | | |
| Lift capacity at link end | kg | 2300 | | 4100 | |
| No. of standard remote valves | | 2 standard (3rd & flow control valve optional) | | | |
| Other features | | | | | |
| Steering | | Hydrostatic power steering | | | |
| Bonnet type | | Full open, slanted, steel | | | |
| Deck type / Pedal type | | Semi-flat deck / Hanging pedals | | | |
| Panel type | | Electronic | | | |
| Fender shape | | Standard | | | |
| Standard tyre size (Front / Rear) | | 320/85R20 / 420/85R30 | | 360/70R24 / 480/70R34 | |
| Dimensions & weight | | | | | |
| Overall length (ROPS / Cab) | mm | 3615 / 3675 | – / 3675 | – / 3955 | |
| Overall height (top of ROPS / Cab) | mm | 2495 / 2545 | – / 2545 | – / 2650 | |
| Overall width (min.) | mm | 1865 | | 2005 | |
| Wheelbase (ROPS / Cab) | mm | 2050 / 2110 | | 2250 | |
| Min. ground clearance (ROPS / Cab) | mm | 420 / 415 | – / 415 | – / 455 | |
| Tread width | Front mm | 1450,1537 | | 1514,1608 | |
| | Rear mm | 1416-1733 | | 1503-1695 | |
| Turning radius (w/o brake) | m | 3.4 | | 3.8 | |
| Tractor weight (ROPS / Cab) | kg | 2450 / 2730 | – / 2730 | – / 3305 | |

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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