

Kubota



KUBOTA DIESEL TRACTOR

M

**M6060/M7060
M8560/M9960**

The new top-of-the-line Utility M-Series tractors deliver optimal performance and easy operation with new clean emissions engines and enhanced ergonomics.



ТРАКТОРЫ • НАВЕСНОЕ ОБОРУДОВАНИЕ • ОРИГИНАЛЬНЫЕ ЗАПАСНЫЕ ЧАСТИ

NEW M



Advanced Tractors Designed and Built With You and the Environment in Mind.



Introducing the new M6060/M7060/M8560/M9960 tractors. These new top-of-the-line Utility M-Series tractors have been redesigned and re-equipped with advanced features including Common Rail System (CRS) with Exhaust Gas Recirculation system (EGR) and Diesel Particulate Filter (DPF) muffler for powerful yet clean and economical performance, and a more ergonomically designed 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 M60-Series.

KUBOTA DIESEL TRACTOR
M6060/M7060
M8560/M9960

Kubota's clean low-noise engines deliver Earth-and user-friendly performance.

NEW ENG



Kubota New Engine with Common Rail System (CRS)

M6060: 63.5 HP

M7060: 71 HP

M8560: 85.5 HP

M9960: 100 HP

Low Noise and Low Vibration

To help reduce operator fatigue and stress, the CRS engines have been specially designed to minimize noise and vibration. This is accomplished through several innovative technologies. Noise is reduced through a ladder frame crankshaft support, giving the engines a stiffer structure and thus lower noise. Also a gear train on the flywheel side reduces the gear chattering noise caused by crankshaft torsion. Vibration is lowered through the application of compact, built-in balancers.

Constant RPM Management

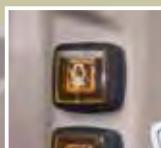
All engines provide electronic control of engine RPM. Activating the system keeps engine revolution nearly constant with a push of the switch, preventing a reduction in PTO speed and enabling stable operation. It makes working with PTO-driven implements much more efficient.

M60 Series meet the latest EPA Emission Regulation (Year 2013)

M6060/M7060 tractors' CRS engines comply with TierIV EPA emission regulations. M8560/M9960 tractors' CRS engines comply with Interim TierIV EPA emission regulations.



Diesel Particulate Filter (DPF) Muffler

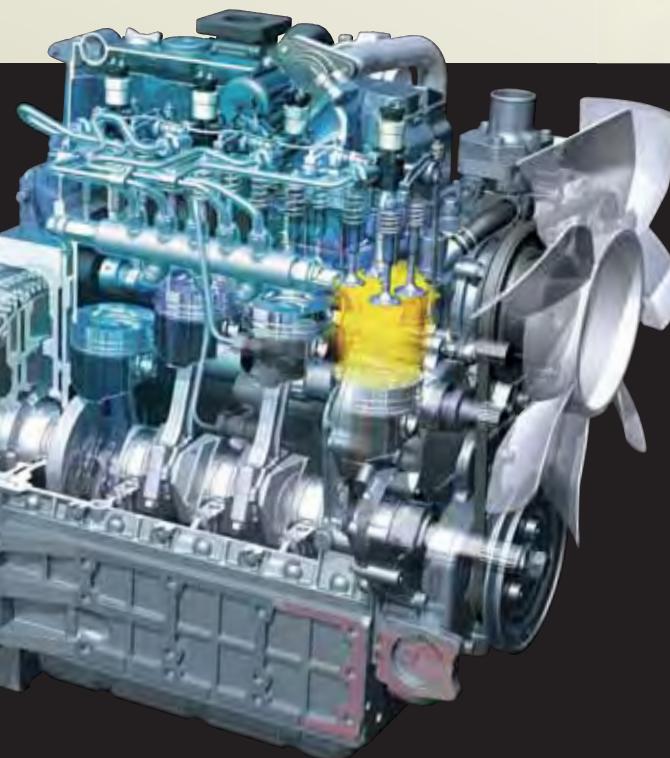


*Constant RPM Management Switch

IN



4-valve, Center-Direct
Injection System

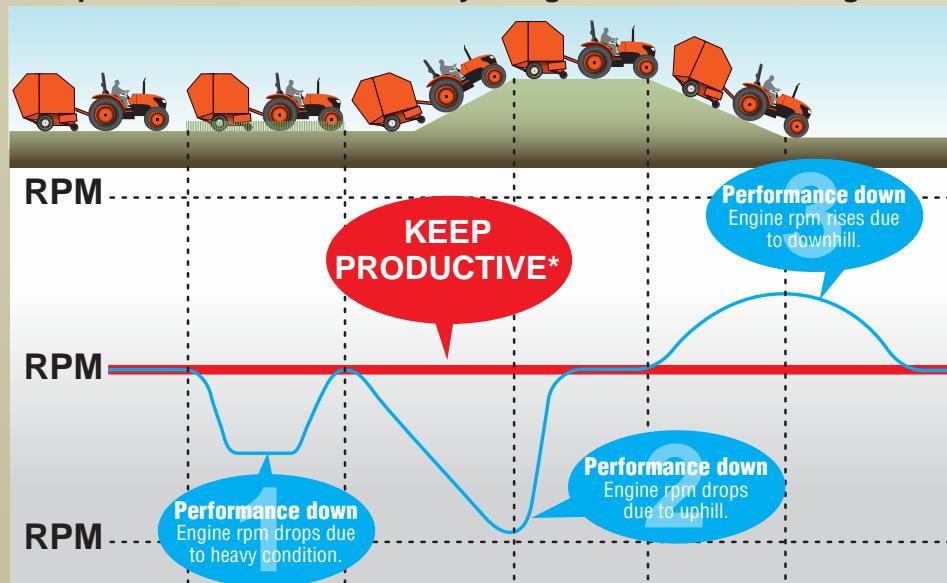


Common Rail System (CRS) with Exhaust Gas Recirculation system (EGR) and Diesel Particulate Filter (DPF) Muffler

The CRS electronically controls the timing and amount of injected fuel providing high-pressure injections in stages, rather than all at once for an optimal combustion rate that results in greater efficiency, better fuel economy and less engine noise. Its combination with the Diesel Particulate Filter (DPF) muffler and Exhaust Gas Recirculation system (EGR) reduces emissions to meet the latest emission regulations.



• Keep Productive At Your Farm By Using Constant RPM Management



— Constant RPM Management Switch ON
— Constant RPM Management Switch OFF

*The engine speed drops when the load exceeds the engine performance.

Note:

In a mechanically-controlled engine, the engine speed changes according to increases and decreases in the load. For example, when working in a hilly area, the load increases and engine speed drop while ascending a slope, and conversely the load drops when descending. These changes in engine speed affect the travel speed and PTO-driven implements. In order to minimize these effects, the operator must make fine adjustments to the travel speed and hand throttle lever.

When the Constant RPM Management switch is turned "On", the engine speed will be kept nearly constant in response to a certain level of work fluctuations. This improves the accuracy of work without the need for troublesome manipulation of the travel speed and hand throttle lever.

There is a limit to the range within which a constant speed can be maintained. If a load exceeding the engine performance is applied, the engine speed will drop. The purpose of Constant RPM Management is not to increase the engine power.

A choice of three transmissions gives you the tractor performance you need with less hassle.

TRANSMIS

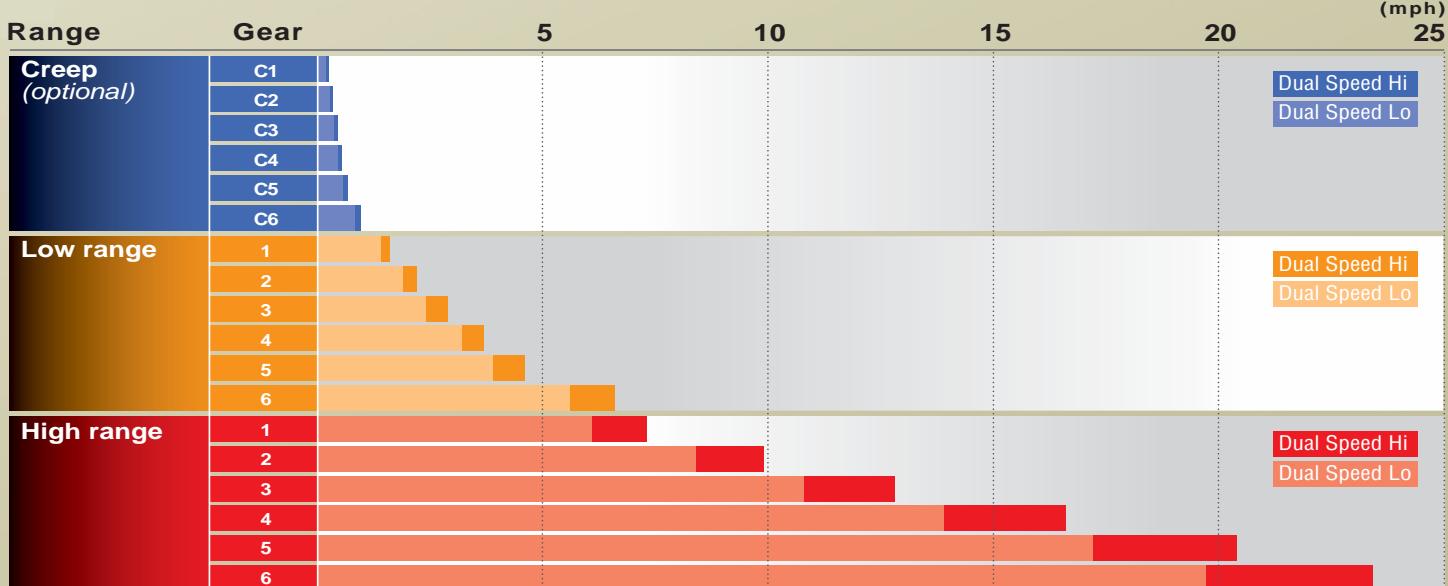
FOR M9960 CAB 4WD MODEL

F24/R24 Transmission with Dual Speed (Factory option)

The M9960 CAB models can be fitted with the F24/R24 transmission for users who demand maximum performance. With six synchromesh speeds in the main shift, Dual Speed which offers instant upshifts and downshifts, and a high/low range, it offers 24 Forward and 24 Reverse speeds.



TRAVELING SPEED FOR M9960 HDCC24 (F24/R24 w/ Dual Speed, 18.4-30 rear tires) @ rated engine rpm*



*When the traveling speed of H6 is selected, Over Drive function limits the maximum engine revolutions at 2080 rpm.

SION

Choose from
3 transmissions!

F8/R8
F12/R12
F24/R24 with
Dual Speed



FOR ALL MODELS

F8/R8 Transmission

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



FOR M7060/M8560/M9960 4WD MODELS

F12/R12 Transmission (Factory option)

For heavy-duty work such as plowing, hay work and heavy trailer applications, M7060/M8560/M9960 4WD models can be 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.



TRAVELING SPEED FOR M7060 HD12/HDCC12 (F12/R12, 16.9-30 Rear Tires) @ rated engine RPM* (mph)

Range	Gear	5	10	15	20	25
Creep (optional)	C1					
	C2					
	C3					
	C4					
	C5					
	C6					
Low range	1					
	2					
	3					
	4					
	5					
	6					
High range	1					
	2					
	3					
	4					
	5					
	6					

*When H6 gear is selected, over drive function limits the maximum engine revolutions at 1960 rpm for better fuel economy.

TRANSMIS

Over Drive (F12/R12 and F24/R24 models only)

When H6 gear is selected, over drive function limits the maximum engine revolutions at 1960rpm* for better fuel economy. * 2080rpm for M8560 and M9960.

Hydraulic Shuttle

Better than ever, our Hydraulic Shuttle makes shifting between forward and reverse smooth and effortless. 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.



Hydraulic Wet Disc Brakes

To decrease operator effort and increase overall tractor longevity, M7060 F12/R12 and all M8560 and M9960 models 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.

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 M7060 4WD and all M8560 and M9960 models, Limited Slip Differential is perfect when reliable traction is essential.

Transmission Parking Lock (M7060 F12/R12 and all M8560 and M9960 models only)

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.*
** Level ground is recommended*



Multiple Wet Disc Clutch

The multi-plate wet disc clutch provides durability and a long operating life.

Easy to shift 4WD Engagement

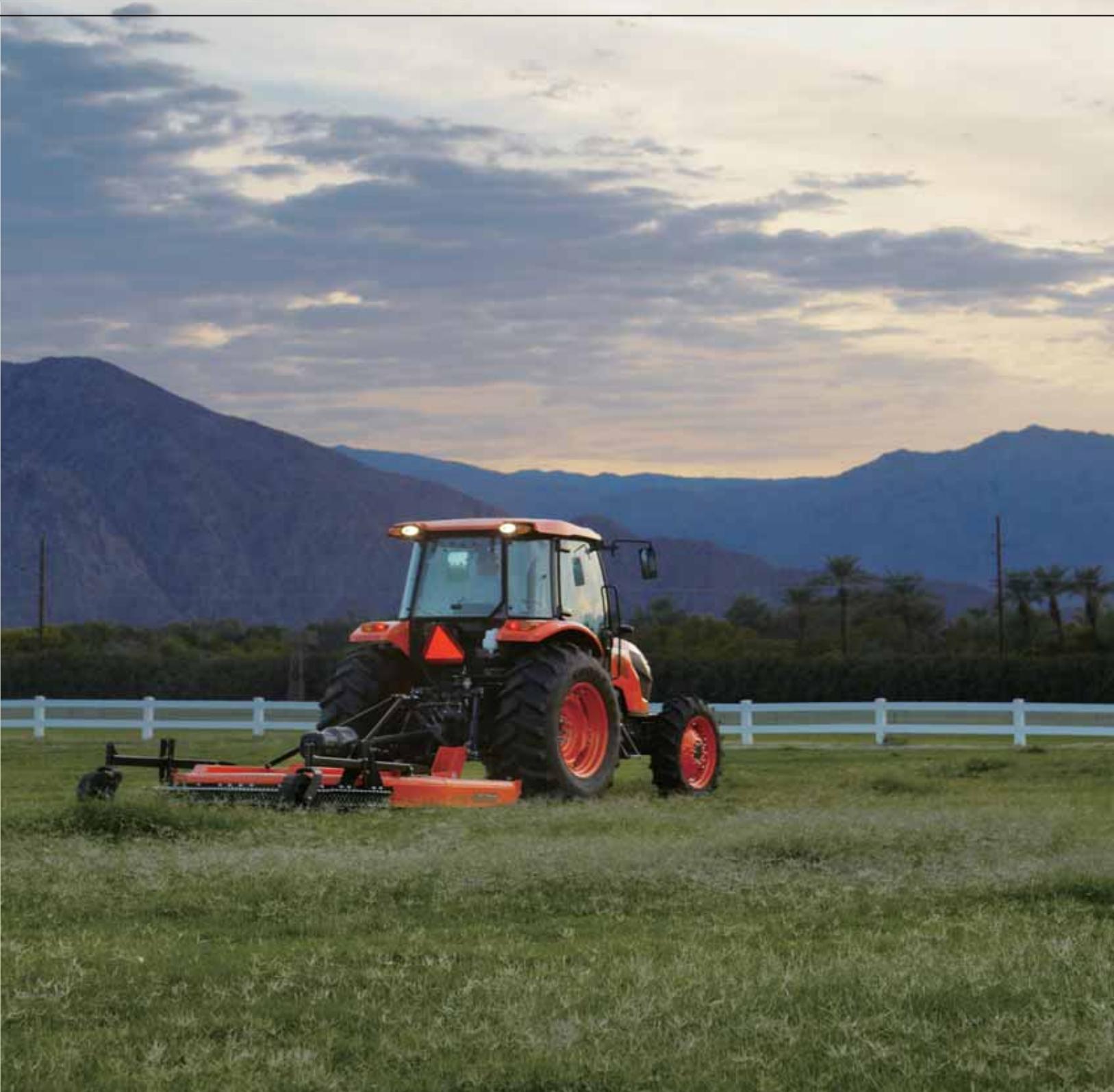
Switching the 4-wheel drive on and off is easy and quick, and done with one simple switch* or lever*. Best of all, there's no need to stop the tractor even when moving out of a field onto a road, so you can stay productive. The 4WD indicator on the LED readout lets you know you're in 4WD. (Do not engage while carrying heavy loads, or when rear wheel is spinning.)



* Switch (Electro-Hydraulic on the go) for M7060 F12/R12 and M9960 HDCC24 models.



SION



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

ULTRA GRAND

Ultra Grand Cab

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

Cold Climate Cab

Responding to the cold climate conditions the New Ultra Grand Cab, offers rear window defogger, rear wiper and a large capacity alternator as standard equipment.

Curved Upper Windshield

The curved upper windshield increases upward visibility, making it especially handy when raising the Front Loader.



Rounded Glass

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. Furthermore, we've increased the glass coverage area on the Cab door, which makes it easier to get in and out of the Cab.

Wide Fenders

Wide and rounded fenders protect the operator from mud splashes.

Front Wiper

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



CAB



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

COMFORT

New Functional Platform

The Cab has been redesigned for better ergonomics. All levers (except the 4WD lever) and electrical switches are located on the right side for easy access and continuous operations.

Comfortable Seat

Specifically designed to absorb shock and reduce operator fatigue. Standard reclining function and arm rests further enhance comfort, and ROPS models feature a handy holder in the seat-back to store manuals. For greater shock-absorbing performance, Cab models can be optionally equipped with the air-ride seat suspension.

Cab Headroom

The arched beam in the front of the Cab and relocated A/C components allow an extended roof height. This feature not only increases headroom, it also increases overall visibility, especially while using the loader.

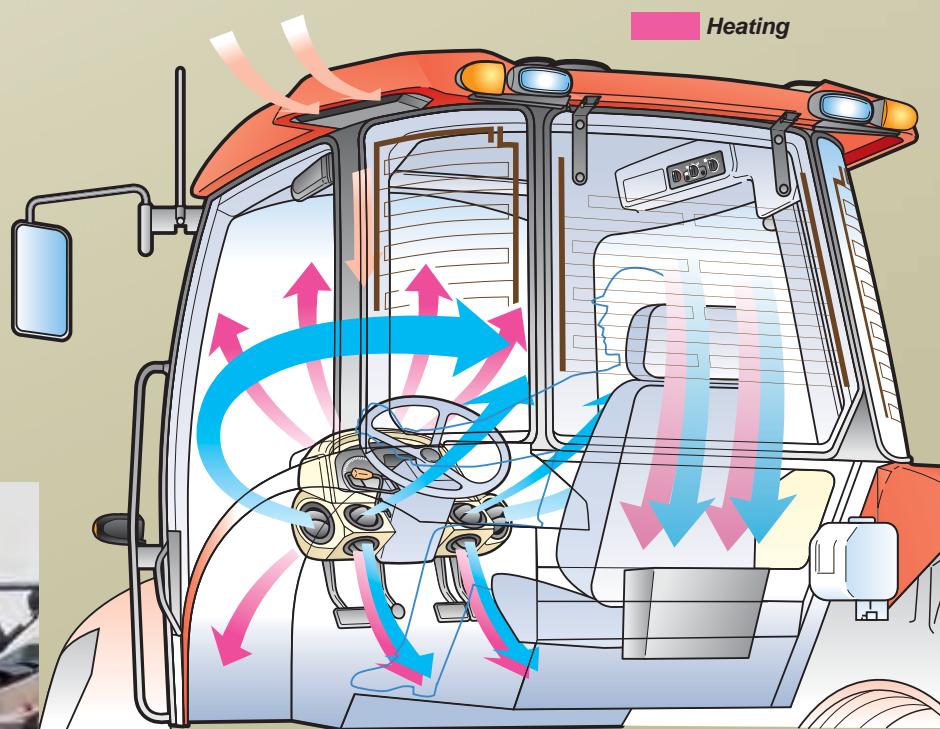


Easy-Step Tilt Steering Wheel

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.



■ Air Conditioning
■ Heating





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 winter days, for year around comfort.



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

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
- 3-pin 12V coupler
- Rear wiper and Washer*
- Rear deffogger*
- 100 amp alternator*

* for cold climate use

Options

- Air ride seat suspension
- CD/radio with weather band and MP3 port
- AM/FM radio with weather band and MP3 port

Long-lasting strength, durability and reliability to endure and tackle just about various jobs with ease.

HEAVY DU

Hydraulics

The hydraulics on the M-Series are state-of-the-art. External hydraulic cylinders improve the lifting power and offer easier maintenance. The pump capacity (hitch and remote) is a large 16.2gpm for the M7060 F12/R12 and 17gpm for the M8560/M9960 (15.9gpm for ROPS models). As a result, the front loader cycle times are short, increasing productivity and facilitating operation. One (SCD) hydraulic remote valve is standard, with the option to add up to 2more. Optional flow control valve to control the oil flow volume is also available.

Hydraulic Independent PTO

Pulling, lifting, cutting or baling; the hydraulic independent PTO makes your toughest work easier. Self-modulation engagement with an Electric PTO Switch 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 3-point hitches provide fast and simple attachment of rear-mounted implements. On the M6060 and M7060 it is 3307lbs (1500kg). On the M8560 and M9960 it is 4630lbs (2100kg), with an option of 7275lbs (3300kg). For M8560/M9960 models with the F12/R12 and F24/R24 transmissions, it is 7275lbs (3300kg).

Telescopic Lower Link Ends

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



Floating Lift Rods

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

Bevel-Gear Front Axle

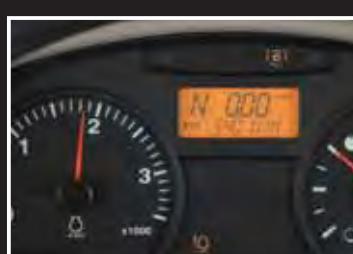
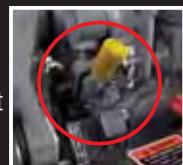
The bevel-gear front axle provides M60-Series with greater all-around maneuverability. It enables tractors to achieve a tighter turning radius than ever before—an amazing 55 degrees. This makes easy work of jobs in tight spaces. Limited Slip Differential* on the front and Differential Lock on the rear are standard features, offering increased stability and traction on challenging ground conditions.

* Not available on the M6060.



Fuel Saving Economy PTO

M7060HD12/Hdcc12 offer standard 540/540E PTO (Optional for F8/R8 models and all M6060/M8560/M9960). For economy PTO operation, change the lever to 540E position. The engine operates at lower RPM to save fuel and reduce operating noise while still turning the PTO shaft at 540RPM. Under the economy PTO operation, 540 PTO RPM is available at 1828 engine RPM on the M6060/M7060, and at 1519 engine RPM on the M8560/M9960.



High Capacity 3 Point Hitch Option

Large diameter cylinders boost lifting power by as much as 50%—perfect for large implements and larger farm uses. They are optional on M8560 and M9960 models (standard on HD12/Hdcc12 12-speed models and HDCC24 24-speed model).

TY



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

FRONT LOA



Front loader specifications

Model	LA1154		LA1353	
Tractor Applications	M6060, M7060		M8560, M9960	
Boom Cylinder Fulcrum	Height position	Power position	Height position	Power position
Maximum Lift Height (Pivot Pin)	in. (mm)	132.7 (3370)	117.2 (2977)	145.7 (3700) 131.9 (3350)
Clearance w/Attachment Dump	in. (mm)	101.5 (2577)	85.5 (2172)	110.6 (2808) 94.7 (2405)
Reach @ Maximum Height	in. (mm)	18.0 (458)	35.9 (911)	29.1 (738) 45.2 (1149)
Maximum Dump Angle	degrees	43	60	52 64
Reach w/Attachment on Ground	in. (mm)	76.7 (1947)		87.9 (2233)
Maximum Rollback Angle	degrees	43		40
Digging Depth (When Bucket is Level)	in. (mm)	5.3 (134)	4.4 (111)	7.8 (198) 7.3 (185)
Overall Height in Carry Position	in. (mm)	61.9 (1573)		66.7 (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 (Bucket Center)	lbs. (kg)	2326 (1055)	2536 (1150)	2866 (1300) 2977 (1350)
Lift Capacity to Maximum Height at Pivot Pin	lbs. (kg)	2469 (1120)	2928 (1328)	3790 (1810) 4144 (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.

DER



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 operators have the option to set the fulcrum to give more height. For bucket work, the 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.



Quick-Mount Attach/Detach

Attach or detach the front loader quickly 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.



4-Bar Linkage

Thanks to the 4-bar bucket linkage, the rollback and dumping angle has been increased for quicker scooping and dumping.

Euro-type quick hitch

A standard feature on the LA1154/ LA1353 Loaders, the quick hitch will let you quickly attach and detach a variety of Euro-type attachments. Kubota original bucket, pallet fork, and bale spear are available.



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.

Rubber Caps

Rubber caps prevent grease drips helping to keep the operator's clothes clean. The caps also give the loader a more appealing look.

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.

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.



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.

Specifications

Model		M6060	M7060			
		4WD	4WD			
ROPS / CAB		HD / HDCC	HD / HDCC	HD12 / HDCC12		
Engine		V3307-CR-TE4				
Type (Make : KUBOTA)		4 cylinder in-line, Common Rail System, direct Inject.				
No. of cylinders/Aspiration		4 / turbocharged				
Engine net power*	HP (kW)	63.5 (47.4)	71 (53.0)			
PTO power	HP (kW)	56 (41.7)	64 (47.7)			
Total displacement	cu.in. (cc)		203 (3331)			
Rated engine RPM	ROPS/CAB		2400			
Fuel tank capacity	ROPS/CAB gal. (ℓ)		18.5 (70) / 23.8 (90)			
Alternator	ROPS/CAB		45 Amp / 100 Amp			
Transmission						
No. of speeds		F8 / R8		F12 / R12		
Main gear shift		Fully synchronized (4 speed)		Fully synchronized (6 speed)		
Dual speed (Hi-Lo)		N / A				
Shuttle shift		Hydraulic-shuttle				
Main clutch type		Multiple wet disc				
Brake type		Mechanical wet disc		Hydraulic wet disc		
Differential lock (Front / Rear)		N/A / Mechanical	Limited Slip Differential / Mechanical			
4WD clutch type		Mechanical on-the-go		Mechanical on-the-go / Electro-Hydraulic on-the-go		
PTO		Live-independent PTO, electro-hydraulic clutch with brake				
Type						
Speed	rpm	540 (540 / 540E:OPT)		540 / 540E		
Hydraulics						
Pump capacity (3-Point Hitch) ROPS/CAB gpm (l/min.)		11.0 (41.6)		16.2 (61.5)		
3-Point Hitch		Telescopic lower link ends, Telescopic Stabilizers				
Category		I / II				
Control system		Position, draft (top link sensing) & mixed control				
Lift capacity at 24 in. behind lift point lbs. (kg)		3307 (1500)				
Cylinder type		Two external cylinders				
No. of standard remote valves		1 (2nd, 3rd & flow control valve optional)				
Other features						
4WD system		Bevel gear type				
Steering		Hydrostatic power steering				
Tilt steering		Standard				
Hood type / Pedal type		Full open, slanted, steel / Hanging				
Deck type (ISO-mounted w/rubber mat)		Semi-flat on ROPS models, full-flat on CAB models				
Panel type		Electronic				
Fender shape		Wide, round				
Standard tire size						
Front		9.5-24				
Rear		16.9-28	16.9-30			
Dimensions & weight						
Overall length	ROPS models in. (mm)	138.0 (3505)				
	CAB models in. (mm)	138.0 (3505)				
Overall height	top of ROPS in. (mm)	96.9 (2460)	97.2 (2470)			
	top of CAB in. (mm)	100.6 (2555)	101.0 (2565)			
Overall width (minimum)	in. (mm)	73.0 (1860)				
Wheelbase	ROPS models in. (mm)	83.1 (2110)				
	CAB models in. (mm)	83.1 (2110)				
Crop clearance (Front axle)	in. (mm)	18.1 (460)				
Tread width	Front in. (mm)	55.9, 59.8 (1420, 1520)				
	Rear in. (mm)	55.9-67.7 (1420-1720)				
Turning radius (w/o brake)	ft. (m)	11.8 (3.6)				
Tractor weight	ROPS models lbs. (kg)	5005 (2270)	5027 (2280)			
	CAB models lbs. (kg)	5358 (2430)	5380 (2440)			

*SAE J1349

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.

Not for sale in Nebraska.

M8560		M9960		
4WD		4WD		
HD / HDCC	HD12 / HDCC12	HD / HDCC	HD12 / HDCC12	- / HDCC24
V3800-CR-TIE4			4 cylinder in-line, Common Rail System, direct Inject. w/inter cooler	
4 cylinder in-line, Common Rail System, direct Inject.			4 turbocharged	
85.5 (63.8)			100 (74.6)	
76 (56.7)			89 (66.4)	
		230 (3769)		
		2400 / 2600		
		23.8 (90) / 29.1 (110)		
		45 Amp / 100 Amp		
F8 / R8	F12 / R12	F8 / R8	F12 / R12	F24 / R24
Fully synchronized (4 speed)	Fully synchronized (6 speed)	Fully synchronized (4 speed)	Fully synchronized (6 speed)	
N/A				Standard
		Hydraulic-shuttle		
		Multiple wet disc		
		Hydraulic wet disc		
		Limited Slip Differential / Mechanical		
	Mechanical, on the go			Electric over hydraulic
Live -independent PTO, electro-hydraulic clutch with brake				
540 (540 / 540E:OPT, 540 / 1000:OPT)				
		15.9 (60.0) / 17.0 (64.3)		
Telescopic lower link ends, Telescopic Stabilizers				
		II		
Position, draft (top link sensing) & mixed control				
4630 (2100), 7275 (3300): OPT	7275 (3300)	4630 (2100), 7275 (3300): OPT	7275 (3300)	
		Two external cylinders		
		1 (2nd, 3rd & flow control valve optional)		
		Bevel gear type		
		Hydrostatic power steering		
		Standard		
		Full open, slanted, steel / Hanging		
		Semi-flat on ROPS models, full-flat on CAB models		
		Electronic		
		Wide, round		
11.2-24 R1			12.4-24 R1	
16.9-30 R1			18.4-30 R1	
		148.0 (3760)		
		148.0 (3760)		
99.0 (2510)			99.8 (2535)	
100.2 (2545)			101.0 (2570)	
78.0 (1990)			79.0 (2010)	
		-		
		88.6 (2250)		
18.7 (475)			19.7 (500)	
		59.8-63.8 (1520,1620)		
		59.8-75.6 (1520-1920)		
		13.8 (4.2)		
5820 (2640)			5950 (2700)	
6680 (3030)			6810 (3090)	

Kubota also offers a full line-up of M-Series tractors. These tractors are the pinnacle of size, power, and performance.



Kubota

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