



For Earth, For Life  
Kubota

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## KUBOTA DIESEL TRACTOR M5660SUH/M5660SUHD

Built with the power to tackle a wide range of jobs, the new M5660SU brings new and enhanced features to the task, including Kubota's easy-to-use hydraulic shuttle.



# SPECIAL UTILITY

## Everything you asked for and more: Power, Easy operation, Convenience.

We asked what you wanted, and you told us. You wanted power. Easy operation. And comfort. And you wanted it all in an affordable mid-size diesel tractor that could handle it all, from front-loader work to mowing and a whole lot more.

We listened. Introducing the Kubota M5660SU, a diesel tractor with the power, easy operation, and comfort you asked for. Power from a 56 horsepower engine with Electronic CRS Common Rail direct fuel injection for better fuel economy. Easier operation from a variety of new and enhanced features usually found only on bigger tractors or listed as options, including a hydraulic shuttle that simplifies front loader work by letting you smoothly and quickly shift from forward to reverse and back again with a single lever. A new transmission that offers 8 forward and 8 reverse speeds to let you choose the right speed for the job. And the comfort of ergonomically designed controls and a high-back bucket seat with lumbar support to help you work more efficiently and comfortably. Plus a telescopic lower link, rear remote valve, and high-lift loader—all standard equipment—to let you do more in less time and with less effort.

You asked for it, and we delivered. The new M5660SU diesel tractor from Kubota.



# ENGINE



## Powerful and Clean

The M5660SU takes tractor performance to the next level in power even as it reduces emissions. The powerful 56 hp engine features Electronic CRS Common Rail direct fuel injection for better fuel economy. For cleaner emissions, the M5660SU is equipped with a Common Rail System (CRS) and Diesel Particulate Filter (DPF) that work together to ensure compliance with the latest EPA Tier 4 Final emission regulations.

<b>M5660SUH</b>	2WD	56 Engine hp
<b>M5660SUHD</b>	4WD	56 Engine hp

# TRANSMISSION



## Hydraulic Shuttle

New to this class of tractor, the M5660SU's hydraulic shuttle provides smooth, quick, and effortless shifting between forward and reverse via a single lever, eliminating the need to depress the clutch to change directions. Conveniently located next to the steering wheel, the hydraulic shuttle lever boosts productivity in any job that requires lots of forward/reverse movements, such as front loader work.



## Ergonomical Lever Layout

All levers, including the main shift lever and hydraulic shuttle lever, are located within easy reach from a sitting position. Drivers won't have to extend awkwardly or uncomfortably while performing tractor operations.

## F8/R8 Transmission

A new transmission provides 8 forward and 8 reverse speeds spread across four synchronized main shift speeds and high/low speed ranges, letting you choose the right speed for the task at hand.

# OPERABILITY



## Live-Independent Hydraulic PTO

The M5660SU offers smooth and self-modulating hydraulic independent PTO. A PTO brake ensures smooth stops while maintaining PTO shaft speed. The shaft can be rotated 60 degrees for easy hook-up even while the engine is off.

## 3-Point Hitch

Rear-mounted implements can be attached quickly and easily to the Category I and II 3-point hitch, thanks to the adjustable top link, turn-buckle type lift rod, and telescopic stabilizers. The hitch provides ample lifting: up to 3307 lbs. at 24 inches behind the lift point.

## Rear Remote Valve, SCD Type

The M5660SU offers one rear remote valve as standard equipment and up to three as options. SCD type is self canceling detent, and FD type has a float detent.

## Telescopic Lower Link and Adjustable Lift Rods

Now standard equipment on the M5660SU, Kubota's telescopic lower link ends and adjustable lift rods ensure quick and simple attachment and adjustment of implements.



## High-capacity Fuel Tank

The M5660SU now offers an ample 17.7-gallon (67 l) capacity fuel tank to keep you working longer between fill-ups.

## Bevel-Gear Front Axle

A bevel-gear front axle provides excellent maneuverability and an astonishingly tight 55-degree turning radius, letting you work efficiently in narrow spaces. Standard features include a differential lock on the rear for increased stability and traction when working under difficult ground conditions.



# COMFORT



## High-Back Bucket Suspension Seat

The M5660SU takes operator comfort to an all-new level to keep you working efficiently and with less fatigue. The high-back bucket seat features lumbar support to help you work efficiently and comfortably even when the work day is long.

## New Dash Panel

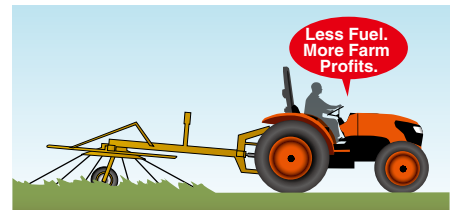
A redesigned dash panel with LCD display provides you with all the information you need to work efficiently and keep your M5660SU in peak condition. The easy-to-read gauges and indicators include a fuel consumption meter, parking indicator, ECU and fault code indicators.



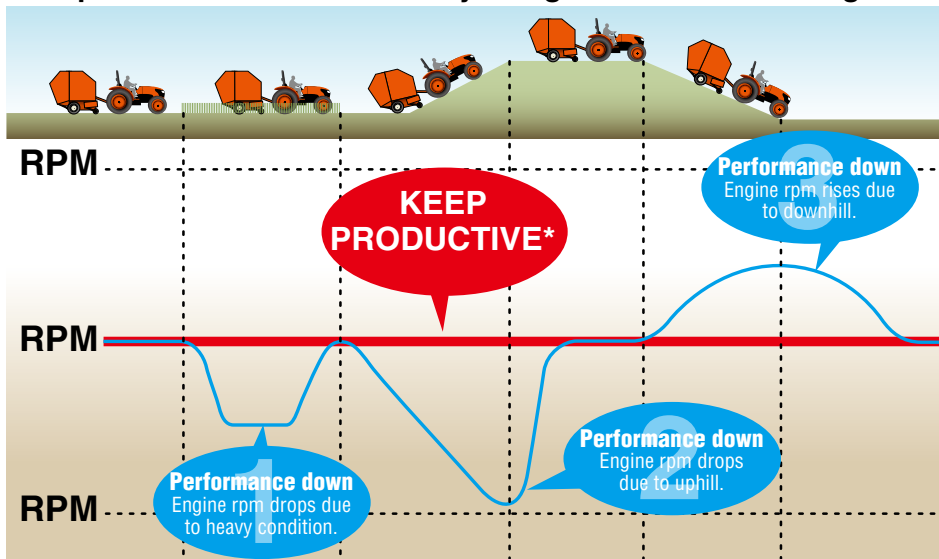
# PRODUCTIVITY

## Economy PTO (optional)

The M5660SU's optional economy PTO can save you money as well as reduce operating noise. Simply select "540E" and the PTO shaft rotation speed is maintained at 540 rpm while the engine speed runs at 1828 rpm with limitation to 2132 rpm, thereby reducing both operating noise and fuel consumption.



## • Keep Productive At Your Farm By Using Constant RPM Management



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

## Constant RPM Management

The M5660SU is equipped with a constant rpm management system that maintains a constant rpm rate regardless of the terrain. When traveling across hilly terrain, simply turn the Constant RPM Management switch to "On", and the M5660SU will maintain a constant travel speed as well as a constant PTO rpm rate when using PTO-driven implements. Constant rpm management improves work accuracy without the need to constantly adjust the travel speed and PTO shaft rpm rate.

# FRONT LOADER



## Front Loader

Ideal for farm work, the M5660SU's new Front Loader is fully integrated with a slanted boom that offers greater visibility and clearer sight lines to the sides of the bucket and loader. The curved look is sleek, too, matching the lines of the hood and the tractor's overall design.

## 4-Bar Linkage

A 4-bar bucket linkage system increases the rollback and dumping angle for quicker scooping and dumping.

## 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.

## 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.

## 2-Lever Quick Coupler

This standard M-Series feature makes attaching buckets, bale spears and pallet forks 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.

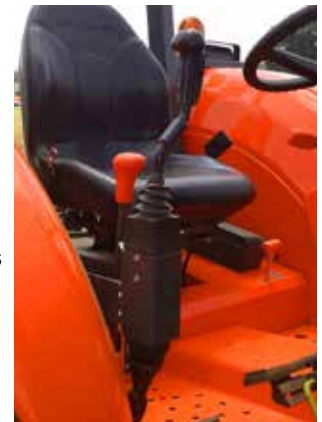
## Greater Lifting Power, Higher Lifting Height

The M5660SU now features a more powerful boom that provides even greater lifting power and height, so you can get more work done with less effort. Two boom cylinder fulcrum positions (Power and Height) let you adjust the boom to fit the job. When doing bucket work, which requires greater power, set the boom cylinder to the Power position. When performing pallet fork or bale spear tasks, which benefit from higher lifting heights, set the boom cylinder to the Height position.



## Joystick Control

An easy-to-operate joystick gives you complete control over the loader's movement and speed. The joystick is located in front of the control console for fast and easy access. The Series Circuit lets you simultaneously operate the boom and bucket, while the Regenerative Bucket Dump Circuit quick and efficient dumping.



## 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.



## Front loader specifications

Model	LA1154	
Tractor Applications	M5660SUH / M5660SUHD	
Boom Cylinder Fulcrum	Height position	Power position
Maximum Lift Height (Pivot Pin)	in. (mm) 130.9 (3326)	115.7 (2938)
Clearance w/Attachment Dump	in. (mm) 99.9 (2537)	84.0 (2133)
Reach @ Maximum Height	in. (mm) 19.1 (485)	38.4 (976)
Maximum Dump Angle	degrees 43	60
Reach w/Attachment on Ground	in. (mm) 78.1 (1984)	
Maximum Rollback Angle	degrees 45	
Digging Depth (When Bucket is Level)	in. (mm) 6.8 (173)	5.9 (150)
Overall Height in Carry Position	in. (mm) 59.6 (1513)	
Material Bucket Width / Capacity (Heaped)	in. /cu.ft.(m³) 72 / 19.43 (0.55)	
Lift Capacity (Bucket Center)	lbs. (kg) 2326 (1055)	2536 (1150)
Lift Capacity to Maximum Height at Pivot Pin	lbs. (kg) 2469(1120)	2928(1328)
Raising Time to Full Height w/out Load <sup>*)</sup>	second 4.7	
Lowering time w/out Load (powerdown) <sup>*)</sup>	second 3.6	
Attachment Rollback Time	second 3.0	
Attachment Dumping Time	second 2.8	

<sup>\*)</sup>w/Standard valves.

# Specifications

Model	M5660SUH		M5660SUHD		
	2WD		4WD		
<b>Engine</b>	V2403-CR-TE4				
Type (Make: KUBOTA)	4 cylinder in-line, Common Rail Sytem, direct injection				
Rated Engine HP (97/68/EC)	HP (kW)	57.9 (43.2) @2600 rpm			
Engine net power (SAE J1349)	HP (kW)	56 (41.8) @2600 rpm			
PTO power (at rated engine RPM)	HP (kW)	50 (37.3)			
No. of cylinders/Aspiration	4 / Turbocharged				
Total displacement	cu. in. (cc)	148.5 (2434)			
Fuel tank capacity	US gal. (ℓ)	17.7 (67)			
Air cleaner	Dry, dual element				
Alternator	Amp	45			
<b>Transmission</b>	8F/8R				
No. of speeds	8F/8R				
Main gear shift (4 speeds)	Fully synchronized				
Shuttle	Hydraulic shuttle				
Main clutch	Multiple wet disk				
Brake	Mechanical wet disc				
Differential lock	Rear standard (mechanical)				
<b>PTO</b>	Live-independent, hydraulic PTO with PTO brake, multi-plate wet clutch				
PTO type	Live-independent, hydraulic PTO with PTO brake, multi-plate wet clutch				
Speed	@540 rpm (540/540E opt)				
<b>Hydraulic</b>	10.6 (40.2)				
Pump capacity (main)	gpm (ℓ/min)	10.6 (40.2)			
3-point hitch	Category I & II				
Control system	Position				
Lift capacity at 24 in. behind lift point	lbs. (kg)	3307 (1500)			
No. of remote valves	1 (2nd, 3rd & flow control valve optional)				
<b>Tires</b>	6.5-16 / 14.9-28				
Standard	2WD	Front/Rear	6.5-16 / 14.9-28		
	4WD	Front/Rear	8.3-24 / 14.9-28		
<b>Traveling speeds (w/std. 4WD Ag. tires)</b>					
No. of speeds (at rated engine speed)					
First	Fifth	Forward		Reverse	
Second	Sixth	1.6 (2.6)	6.1 ( 9.7)	1.6 (2.6)	6.2 ( 9.9)
Third	Seventh	2.2 (3.6)	8.5 (13.7)	2.3 (3.7)	8.7 (14.0)
Fourth	Eighth	3.1 (5.1)	12.0 (19.2)	3.2 (5.2)	12.2 (19.6)
		4.8 (7.7)	18.2 (29.3)	4.9 (7.8)	18.6 (29.9)
<b>Other features</b>	Bevel gear type with 55 degree turning angle				
4WD drive system (4WD model)	Bevel gear type with 55 degree turning angle				
Steering	Hydrostatic power steering				
Hood type / Pedal type	Full open, slanted, steel / Hanging				
Deck type	Semi-flat				
<b>Dimensions</b>					
Overall length	in. (mm)	138.7 (3525)		136 (3455)	
Overall height (w/Foldable ROPS)	in. (mm)	95.3 (2420)			
Overall width (Minimum)	in. (mm)	73.2 (1860)			
Wheelbase	in. (mm)	82 (2085)		80.7 (2050)	
Min. ground clearance	in. (mm)	16.3 (415)			
Tread width	Front	55.9, 71.7 (1420, 1820)		51.2, 55.1 (1300,1400)	
	Rear	52.0, 67.7 (1320, 1720)			
Turning radius (w/o brake)	ft. (m)	10.8 (3.6)		12.8 (3.9)	
<b>Weight (with ROPS)</b>	lbs. (kg)	4189 (1900)		4387 (1990)	

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty 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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