

## Specifications

MODEL	M5091DTHQ	M5111DTHQ	M5111DTHQ-DS	M5091DTHNQ-DS	M5101DTHNQ-DS
<b>Engine</b>					
Engine type	V3800-CR-TIE4				
Displacement/No. of cylinders	cm <sup>3</sup> 3,769 / 4				
Rated speed	rpm 2600				
Engine power output (97/68/EC)	hp (kw) 93 (69)	110 (82)		93 (69)	105 (78)
Fuel tank capacity	ℓ 105		76		
<b>Transmission</b>					
Type – Main gear shift	6 speed synchronised				
No. of speeds	F18/R18		F36/R36 with Dual speed		
Max. travelling speed	km/h 39		35		
Range gear shift	3 ranges (H-L-C)				
Main gear shift	6 fully synchronised		6 fully synchronised with Hi/Lo		
Shuttle shift	Electro-hydraulic shuttle				
Main clutch	Multiple wet disc, electro-hydraulically operated				
Brake type	Hydraulic discs, 4 wheel braking				
4WD engagement	Electro-hydraulically		Electro-hydraulic w/ Bi-speed		
Front differential lock F/R	Limited slip automatic		-		
Rear differential lock F/R	Auto electro-hydraulic		Mechanical type		
<b>PTO</b>					
Speed	rpm 540 / 540E; Option: 540 / 1,000		540 / 540E; Option: 540 / 540E / 1,000		
<b>Hydraulics</b>					
Pump capacity	ℓ/min 64		68.6		
3-point hitch	Category II				
Control system	Mechanical (position, draft & mix)				
Lift capacity at ball end	kg 3200		1500		
No. of remote valves	2; max. 3		2; max. 5 with integrated flow control		
<b>Standard tyres size</b>	480/70R34; 360/70R24		280/70R16; 380/70R24		
<b>Dimensions &amp; weight</b>					
Overall length	mm	3955		3750	
Overall height	mm	2650		2335	
Overall width	mm	1982 - 2174		1432 - 1723	
Wheelbase	mm	2250		2130	
Tread width	front mm	1611		1137 - 1161	
	rear mm	1503 - 1695		1052 - 1343	
Turning radius (w/o brake)	m	3.8			
Tractor weight	kg	3270		2600	

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.



For Earth, For Life  
**Kubota**

**M**

**KUBOTA DIESEL TRACTOR**  
**M5001 SERIES**  
**M5091/M5111 - Standard**  
**M5091N/M5101N - Narrow**



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**Kubota  
 Genuine Parts**  
 for maximum  
 performance,  
 durability and  
 safety

# Dependable performance and spacious cabins make the M5001 Series the smart choice for all types of field work.

You can depend on the M5001 Series Standard Model tractors for outstanding performance and year-round comfort. The performance begins with a reliable and efficient Kubota engine that can power through even the toughest tasks with ease and speed. There's plenty of power for PTO-driven implements, as well as convenient electronic speed control to keep those implements operating at optimum efficiency. A fully synchronized transmission and an advanced hydraulic shuttle for shifting between forward and reverse simplifies tractor operations.

The comfort starts with a spacious all-glass cabin that offers excellent visibility out all sides and super-wide doors on both sides for easy entry and exit. Add a soft and comfy deluxe seat and ergonomically placed controls, and you'll enjoy all-day comfort that lasts until the job is done.

The M5001 Series truly is the smart choice for all types of field work.



M5001 STANDARD MODELS  
**M5091/M5111**

# ENGINE

## Performance-driven technology

The M5001 Series is designed to get every job done with maximum efficiency. To do that, Kubota packed the M5001 Series with performance-driven technology, including a powerful and fuel-efficient Kubota-built engine and electronic speed control to optimize the efficiency of PTO-driven implement operations.

M5001 Standard



M5001 Narrow

### Kubota engines

The power behind the M5001 Series' superior performance and efficiency comes from advanced Kubota-built diesel engines. These rugged engines also offer cleaner emissions, quieter operation, and greater fuel efficiency.

### Improved torque and fuel consumption

The M5001 Series engines run at lower engine speeds without any loss of performance, thanks to improved torque and performance settings. Lower engine speeds also mean quieter operation, less engine wear, and greater fuel efficiency.

### Constant RPM Management

The M5001 Series engines feature a new electronic governor that gives you electronic control of engine RPM. Activating the system keeps engine revolution constant, preventing drops in PTO speed and enabling stable operation. It makes working with PTO-driven implements much more efficient.

## TRANSMISSION

# The most efficient speed for every task

—36 forward and 36 reverse—the M5001 Series provides the most efficient speed for every task, from traveling to field and pasture work and even vegetable plot work. Gear and direction changes are efficient, too, with a single-lever, fully synchronized transmission and an electro-hydraulic shuttle that makes direction change as easy as a flick of a lever.



### In the right gear

Whatever the task, there's a gear that will get it done. The M5001 Series offers— 18 forward and 18 reverse —from six synchronized gears in three ranges. Dual Speed technology in the leading models takes this to 36 forward and 36 reverse gears, ensuring that you are always working efficiently.



### Fully synchronized transmission with single shift lever

A single shift lever makes shifting between gears smooth, simple, and direct. Whether you're traveling quickly between jobs or moving slowly in a vegetable plot, the M5001 Series' transmission offers the optimum gear for the task.

### Over Drive

The Over Drive function keeps the engine revolutions at around 2000 rpm during high speed driving for better fuel economy.

### Electro Hydraulic shuttle

An electro-hydraulic shuttle lever lets you quickly and easily change directions without using the clutch. Simply flick the lever forward or backward, and the M5001 Series tractor instantly changes direction without first having to stop. The lever is located on the left side of the steering wheel for easy access. Faster, simpler direction changes means improved productivity, particularly when working with a front loader, which requires frequent back-and-forth movements.



# HYDRAULICS

## Lift heavy loads with ease

Impressive hydraulic power provides enough lift capacity to simultaneously lift both front and rear implements, including heavy disc mowers, letting you quickly and efficiently take on even the most demanding implement work.



### 3-point hitch

Strong enough to raise even heavy implements, the M5001 Series's rugged 3-point hitch also provides powerful hydraulics that respond quickly to improve the efficiency of implement operations, particularly front loader tasks. External cylinders improve lift capacity and ensure easy maintenance. The two control valves can be supplemented with an optional hydraulic valve without or without flow control.

### Position control/Draft control

The M5001 Series's hitch control system provides separate control of both position and draft, ensuring optimal control when using rear implements. Use position control to control the implements independently of the required tractive power.

Draft control automatically adjusts to different soil conditions to maintain constant traction. Position and draft control can also be used together in draft mix.

### Highly efficient PTO work

The independent PTO shaft runs at 540 rpm or 540 Eco rpm, letting you efficiently take on a wide range of tasks, from cutting grass to baling and spraying. The PTO shaft brake engages automatically whenever the PTO shaft is disengaged to safely stop implements.

The PTO shaft clutch can be engaged and disengaged electro-hydraulically while in operation, improving the efficiency of mowing and baling operations. A 1,000 PTO shaft is also available as an option.



## STANDARD CAB

# Spacious and comfortable

A comfortable operator is a productive operator, so the M5001 Series makes sure that you are comfortable throughout even the longest working days. From the all-glass cab and wide cabin doors on both sides to the supremely comfortable deluxe seat, generous head and leg room, and sophisticated air conditioning system, the M5001 Series provides a level of comfort and efficiency seldom found in tractors of this class.



### Ultra Grand Cab II

An all-glass cab and a newly designed bonnet ensure excellent visibility in all directions, including both front and rear implements as well as the immediate working environment. The cab glass is curved to reduce glare and enhance spaciousness, while narrow pillars and a sloping bonnet increase visibility in all directions.

### Cab doors

Large doors on each side open wide for quick and easy entry and exit. Both doors are glass from top to bottom for greater visibility of the area around the doors. When combined with the level platform, ergonomically positioned pedals, entry and exit are safe, convenient, and quick.



### Work lights

High-performance work lights ensure excellent visibility, allowing the M5001 Series to work safely and efficiently at night.

### Instructor seat (Option)

Available as an option, the instructor seat can be folded down when not in use, providing more space in the cab.



### Skylight with sunshade

Standard on all M5001 series models, this large glass skylight provides more light in the cab as well as a view of a fully raised front loader or pallet fork. On blindingly bright days, the skylight's retractable sunshade can be closed to keep the sun out and the operator cool.



## TRACTION

# Excellent maneuverability for all kinds of tasks

With superior traction, high ground clearance, and excellent driving stability, the M5001 Series offers outstanding maneuverability, even in tight spaces with limited room for maneuvering. Add four-wheel drive and dual brake lines, and you have a tractor that is ready for all types of tasks under all kinds of conditions.



### High ground clearance

A high front axle provides the clearance needed to pass over delicate crops, such as hay, that are easily damaged. A high ground clearance is also useful when working in row crops.

### Superior traction

The M5001 Series' excellent traction lets you work even in challenging terrain conditions. Limited slip differentials on the front and rear axels ensure a uniform travel speed even during turns or when one wheel is slipping. Superior traction also allows heavier loads to be towed and provides greater grip for loading operations. The rear differential can be locked when terrain conditions are particularly difficult.



### Four-wheel drive

The M5001 Series switches from two-wheel to four-wheel drive at the touch of a button without the need to come to a complete stop. When the brake pedal is pressed, four-wheel drive is automatically engaged for better braking power. An LED indicator conveniently shows the drive status.



**All the power and features of the standard models in a narrow form that's ideal for orchard and vineyard work.**

For work in orchards and vineyards, where the spaces between rows are usually too narrow for standard width tractors, Kubota offers the M5001N Series. These models have all the power and features of the M5001 Series, but with a narrower width that lets it get in and out of tight spaces and perform a wide range of tasks like spreading, spraying, trimming and leaf cutting.

**M5001 NARROW MODELS  
M5091N/M5101N**



NARROW

# Specifically designed for the narrow spaces

To work in the narrow confines of orchards and vineyards, you need a special kind of tractor, one that's narrow, with high ground clearance and excellent stability. The M5001N Series are just that kind of tractor. Just 48" wide, the M5001N Series can go where standard-width tractors can't, letting you work with spreaders, sprayers, trimmers, leaf removers, and more in the tight spaces between rows of trees and vines. The ability to turn tightly from one row to the next ensures the productivity you expect.



## Narrow width

Specifically designed for work in vineyards, orchards, and other narrow job sites, the M5001N Series are just 48" wide with standard tires. Rounded fenders and foldable hazard lights, which help maintain the narrow dimensions of these models, are standard equipment.

## Bevel-gear front-wheel drive with bi-speed turning

The M5001N Series tractors turn smoothly and tightly. With Kubota's exclusive Bi-speed Turn technology, whenever a turn exceeds an angle of about 30 degrees, the front wheels begin turning twice as quickly as the rear wheels, allowing you to safely and easily enter an adjacent crop row on the first attempt. Bi-speed turning automatically turns off when traveling at high speed.

## High ground clearance and excellent driving stability

The M5001N Series has a ground clearance that is among the best in its class. A high front axle provides the clearance needed for delicate work in orchards and vineyards, allowing the M5001N Series to pass over objects between rows as well as avoid damaging crops. A long wheelbase provides greater stability in narrow confines and improves operator comfort.

## NARROW CAB

# Day-long comfort and efficiency

Just like the standard M5001 Series, the M5001N Series offers a supreme level of operator comfort, with an all-glass cab and rounded windows for excellent visibility, wide doors on each side, generous head and leg room, and a sophisticated air conditioning system that provides a pleasant cab environment no matter what the weather outside.



### Tilt steering wheel

For easier entry and exit as well as optimum working comfort, the M5001N offers a tilt steering wheel and a flat platform. The angle of the steering wheel can be quickly adjusted with the press of a pedal. Tilt steering also provides greater forward visibility and a better view of the dashboard.



### Optimal control and operation

The multifunction Intellipanel is the command center of the M5001N Series, providing a wealth of information about the current operating conditions and functions on a large and bright LCD panel. All important controls are located on the right side of the driver's seat where they are easy to reach and ergonomically positioned for safe operation.

### Rounded windows

Full-length rounded windows help reduce glare and reflections while providing greater visibility on all sides. Large glass doors make entry and exit easier and safer.

### Pleasant cab environment

No matter what the weather outside, you'll stay pleasantly warm on cold winter mornings and comfortably cool on hot summer afternoons, thanks to the M5001N Series sophisticated air conditioning system. On days of nice weather, you can open both rear windows to enjoy the fresh air. The low-vibration cab reduces interior noise for even greater comfort.