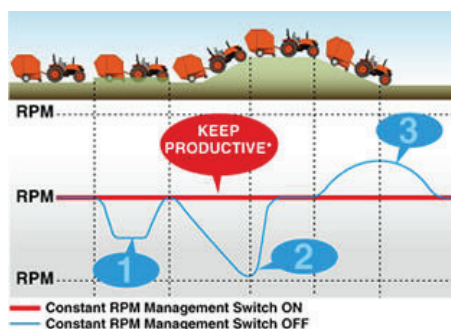




### Kubota Clean Diesel Solution (K-CDS)

Kubota engines offer clean performance that exceeds even the latest emissions standards, thanks to the latest advances in clean-engine technology. Selective Catalytic Reduction (SCR) sprays the hot exhaust from the engine with diesel exhaust fluid (DEF), which transforms the exhaust into harmless water vapor and nitrogen. The Common Rail System (CRS) electronically controls the timing and amount of high-pressure injected fuel in stages for optimal combustion, which results in greater efficiency, better fuel economy, and less engine noise. The combination of these two systems with a Diesel Particulate Filter (DPF) muffler and an Exhaust Gas Recirculation (EGR) system ensure the M5-091 and M5-111 meet the Tier 4 Final emissions regulations.



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

Note: In a mechanically-controlled engine, the engine speed changes according to increases and decreases in the load. For example, in heavy condition (1), or when working in a hilly area, the load increases and engine speed drops while ascending a slope (2), and conversely the load drops when descending (3). 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.



### F8/R8 Transmissions

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



### **F12/R12 Transmissions (Factory option)**

For heavy-duty work such as plowing, hay work and heavy trailer applications, the M5-091 and M5-111 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 Forwards and 12 Reverse speeds.



### **F24/R24 Transmission Non-Clutch Shift with Dual Speed (Factory option)**

The M5-111 Cab models can be fitted with the F24/R24 transmissions 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.

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

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



### **Electro Hydraulic Shuttle**

Better than ever, our Electro Hydraulic Shuttle for the M5-091/M5-111 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 attaching implements, our improved inching feature is easy to perform, giving you the same feel as a half-clutch operation.



### Hydraulic Wet Disk Brakes

To decrease operator effort and increase overall tractor longevity, the Kubota M5-091 and M5-111 is standard with Hydraulic Wet Disc Brakes. These brakes require less pedal effort and retain high performance efficiency even after repeated heavy-duty work.



### Multiple Wet Disc Clutch

The multiple wet disc clutch provides durability and a long 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 M5-091 and M5-111, Limited Slip Differential is to 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 (One simple switch for M5-111 HDC24). 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.



### Hydraulics

The hydraulics on the M5-091/M5-111 are powerful and fast-acting. External hydraulic cylinders improve lifting power and ensure easier maintenance, while the large pump capacity (17 gpm; 15.9 gpm for ROPS models) shortens front-loader cycle times, enhancing productivity and performance. One (SCD) hydraulic remote valve is standard, with the option to add up to 2 more. An optional flow control valve lets you adjust the oil flow volume.



### 540/540E Change Lever

The PTO lever is now located inside the cabin for more convenient access. You no longer have to exit the cabin to operate the PTO lever when working the PTO implements.



### Bevel-Gear Front Axle

The bevel-gear front axle provides the M5-091/M5-111 with greater all-around maneuverability. It enables M5-091/M5-111 tractors 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 the challenging ground conditions.



### Hydraulic Independent PTO

Pulling, lifting, cutting or baling; the standard 540 rpm hydraulic independent PTO of the Kubota M-Series tractors makes your toughest work easier. 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. 1000 rpm and 540E PTOs are optionally available.



### 3-Point Hitch

The Category II 3-point hitch provides fast and simple attachment of rear-mounted implements weighing up to 4,630 lbs./2,100 kg (ISO standard) or 5,182 lbs./2,350 kg (ASAE standard) and optionally up to 6,064 lbs./2,750 kg (ISO standard) or 7,275 lbs./3,300 kg (ASAE standard). On models with the FR12/R12 or F24/R24 transmission, the hitch is compatible with the implements weighing up to 6,064 lbs./2,750 kg (ISO standard) or 7,275 lbs./3,300 kg (ASAE standard).



### Floating Lift Rods

Floating lift rods are standard on both sides of the M5-091 and M5-111. Floating lift rods give the M5-091/M5-111 tractors a smoother ride and enhanced traction while using the 3-point hitch, especially on uneven terrain.



### Economy PTO (standard on F12/R12 and F24/R24 models)

The M5-091/M5-111 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 1,519 rpm with limitation to 1,772 rpm. There by reducing both operating noise and fuel consumption.