

M

M60 Series (FRONT)

FEATURES



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.

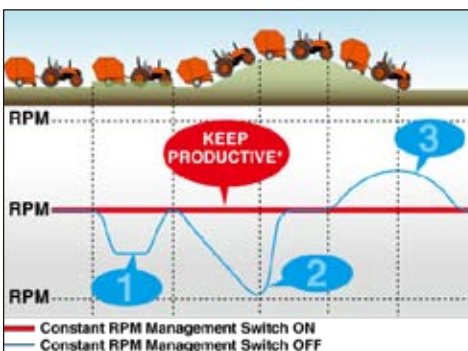


Interim Tier IV / Tier IV

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

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.



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.

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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 synchro-mesh 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.



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.

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 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.

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Wide Fenders

Wide and rounded fenders protect the operator from mud splashes.

Multiple Wet Disc Clutch

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



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.