

M6 Series

Features

M6-101 - M6-111 - M6-131 - M6-141



Kubota Clean Diesel Solution (K-CDS)

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 ensures that the M6 Series meets the Tier4 Final emissions regulations.

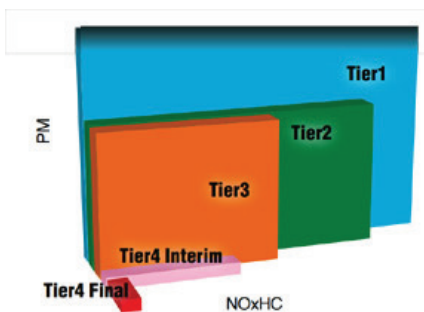


Kubota Clean Diesel Engines*

Kubota engines offer clean performance that exceeds even the latest emissions standards, thanks to the latest advances in clean-engine technology.

M6-101: 97.1 HP with Common Rail System (CRS), turbocharger with intercooler
M6-111: 106.8 HP with Common Rail System (CRS), turbocharger with intercooler
M6-131: 123.2 HP with Common Rail System (CRS), turbocharger with intercooler
M6-141: 133.0 HP with Common Rail System (CRS), turbocharger with intercooler

*Engine net power at rated rmp (ECE-R24)



EPA Emission Regulation

Kubota has been executing emissions reductions for more than a decade. However, the biggest challenge took place with the introduction of Tier 4 Final which requires engine manufacturers to lower both PM (Particulate Matter) and NOx (Nitrogen Oxide) to a "near zero" level. Kubota's K-CDS meets those standards.



Intelli-Shift transmission (8-speed triple range power shift with auto-mode)

For maximum versatility, the 24F/24R Intelli-Shift transmission features an 8-speed powershift with a 3-speed, hi/mid/low range for 24 gears in forward and reverse. A convenient single lever operates both the powershift and range shift. Upshift and downshift are also at the touch of a button. A sophisticated microprocessor enables smooth, fatigue-free powershifting and generous gear overlap means less changing of gears during operation.

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Two Upshift/Downshift buttons

Found on the shift lever as well as on the right-side armrest, you can quickly upshift (+) or downshift (-) with just a touch of a button.



Auto Mode

Auto Mode enables automatic shifting to maximize performance when your load or terrain changes. In Travel mode, the gears will be adjusted depending on road conditions and amount of acceleration; uphill and downhill. In Field mode, a downshift of 2 gears occurs once the three-point hitch has been raised. Field mode also keeps drops in PTO revolution to a minimum when the PTO switch is engaged.



Work Kruise

The M6 Series engines feature an electronic governor that electronically keeps the engine revolution constant, preventing drops in PTO speed and enabling stable operation. Used with the transmission's Auto Mode feature, Work Kruise makes working with PTO-driven implements much more efficient.



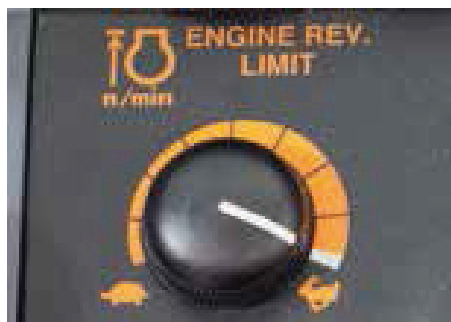
RPM Dual Memory

With the press of a button, you can now pre-set and save up to two frequently used engine RPM settings. So whether you have a favorite setting for PTO work, front loader work or changing directions, your Kubota runs just the way you want without having to adjust the throttle.

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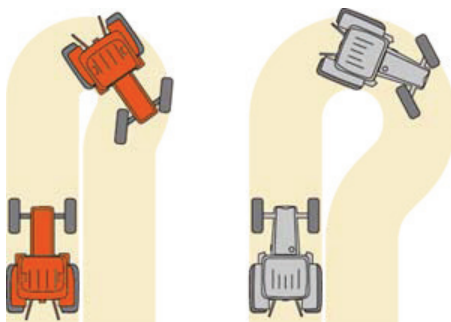
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Rev-limiter Control Dial

With the simple turn of a dial, you can easily regulate engine revolution in 10 RPM increments.



Bi-Speed Turn

When the front wheels exceed a turning angle of about 35°, Kubota's Bi-Speed Turn rotates the front wheels at a rate of speed nearly twice that of the rear wheels. The result is a smoother, tighter turn, allowing you to turn into rows on your first attempt or to easily maneuver around livestock yards or buildings.



Bevel-gear Front Axle

Another Kubota exclusive, the bevel-gear front-wheel drive enables our tractors to achieve a tight turning radius, thanks to a generous 50° wheel-turning angle, enabling easy handling in varying conditions. The bevel gear design eliminates open U-joints and all components are hermetically sealed in oil.



Electro-Hydraulic Differential Locks

Getting bogged down in mud will no longer slow you down with this feature. Simply engage the electro-hydraulic differential locks on both front and rear wheels to achieve positive traction—and you're up and out and back on the job.

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High Crop Clearance

To offer one of the highest crop clearances in their class, the front axle propeller shaft passes through the engine oil pan to provide ample clearance.



Control Console

User-friendly and ergonomically designed, the control console concentrates all operating controls and switches to your right-hand side, putting everything you need within easy reach. Everything is easy to see, easy to reach, and easy to use—making you more productive.



Dash Panel

To keep you in better control of your tractor, we've upgraded the dash panel to include an LCD, displaying more information than ever before. All of the important functional data is yours at a glance, to keep you up-to-date on the job.

Main Digital LCD Panel



Main Digital LCD Panel

1. Shuttle position
2. Work Kruise and Rev-limiter
3. Auto Mode
4. Main shift (Power shift)
5. Range shift
6. 3-point link level (%)
7. -Engine RPM
-Hour/Trip meter

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Side Digital LCD Panel

The side digital LCD panel gives you precise control of your fieldwork, such as when spraying, by indicating travel speed and PTO RPM. It's conveniently located on your right, within easy view.



Front Suspension System

The front suspension helps give you a comfortable ride, enabling stable and precise operation. It works seamlessly with a shock absorber to smoothly negotiate rough terrain. (Available as a factory option for M6-141 only)

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Auto 4WD

Select the Auto 4WD mode, and your M6 tractor automatically switches from 4WD to 2WD when the traveling speed exceeds 12.5mph (20km/h). 4WD will re-engaged when the traveling speed falls below 10.5mph (17km/h). Auto 4WD not only lets you move smoothly at high range, but also saves fuel and reduces tire wear.



Hydraulic Flow Valves and Auxiliary Control Valve

To ensure faster loader cycle times and instantaneous implement response, M6 Series tractors have high-flow, 18.7 gpm (M6-101/M6-111) and 20.4 gpm (M6-131/M6-141) hydraulic pump. Two remote valves come standard—an SCD/Self-Canceling Detent and FD/Float-type valve. The maximum installation is 4 valves.

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Individual Flow Control Valve (2 valves Standard, up to 4 Optional)

The standard individual flow control valve allows the hydraulic flow to be adjusted independently for up to 4 auxiliary control valves. This allows each valve together or the valves and 3-point hitch to be operated simultaneously. The oil flow rate is easily regulated by adjusting each flow control dial.

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Hydraulic System

For smooth implement handling and extra speed of front loader and rear implement operations, M6 Series tractors come equipped with gear-type hydraulic pumps. An external hydraulic cylinder improves lifting force and eases maintenance, while adoption of an unload valve minimizes loss to hydraulic pressure, exerting greater power during PTO operations when the 3-point hitch is not in use.



One-Piece Full-Open Hood

The one-piece hood fully opens for easy access to the engine for maintenance. The hood is also slanted to increase visibility.



Wrap-around Front Grille

The smooth, flat and easy-to-clean front grill design prevents hay, straw, and grass from getting caught inside the tractor. By allowing a high volume of air to flow in, the engine stays cooler.

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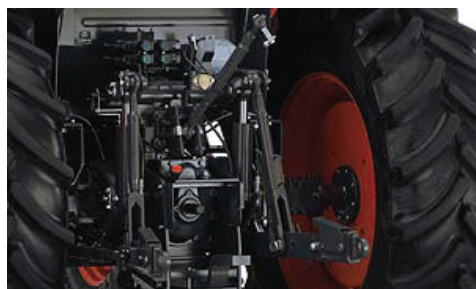
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Live-Independent Hydraulic PTO

No matter what kind of work you need to do, you've got the power to operate a variety of rear-mounted implements with Kubota's 2-speed PTO (540 rpm and 1,000 rpm). To further increase productivity, our independent PTO can be engaged and disengaged by simply operating a control knob with automatic modulation for smooth engagement without stopping the tractor.



High Capacity 3P Hitch

Thanks to its large diameter outer cylinder*, the 3-point hitch offers extra lifting capacity to easily handle jobs that require heavy implements. *High lift capacity is available as an option.



Floating Lift Rods

The standard floating lift rods give these tractors a smoother ride and enhanced traction while using the 3-point hitch, especially on uneven terrain.



Quick Implement Hookup

The innovative design of the Category II 3-point hitch permits fast and easy implement attachment. The telescopic lower link ends, telescopic stabilizers, crank-style right-lift rod and the left fender-mounted remote hitch switch all work together to make hookup a snap.

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Drawbar Bracket

Ultra-durable and ultra-tough, the super sturdy drawbar bracket can handle the roughest hauling jobs, such as pulling heavy trailers.



Trailer Coupler (7-Pin)

An electric outlet is standard for use with a trailer or additional electrical implements.



Easy Cleaning and Maintenance

For fast cleaning, the sliding, louverless-type AC condenser and condenser net can be removed in a snap. The flat surface of the battery and tray also makes serviceability easier.



Air Filter

A large capacity air filter prevents harmful particulate matter from entering the cylinders to keep your tractor running for years on end.

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Quad Front Lights

Two main headlights at the bottom and two work lights on the top of front mask increase visibility especially in dark and inclement conditions.



AM/FM Radio with MP3 Port or MP3/CD Player, and Weather Band (Optional)

Audio controls are available on the right control console for easy access to controls and weather information.