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- Customer Information -

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Quote Provided By  
SHEA TRACTOR & EQUIPMENT

Jeffrey Biser

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STATESBORO, GA 30458

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-- Standard Features --

-- Custom Options --



M Series

M6-131DTC-F-1

4WD FARM TRACTOR, ELECTRO-HYDRAULIC SHUTTLE  
TRANSMISSION & CAB

\*\*\* EQUIPMENT IN STANDARD MACHINE &amp; SPECIFICATIONS \*\*\*

**DIESEL ENGINE**

Kubota V6108 Direct Injection  
6.1L (374 cu. in.) 4 Cyl  
EPA Tier 4 Final Compliant  
Common Rail Electronic Fuel Injection  
Electronic Engine Management  
Turbocharged  
w/Wastegate and Intercooled  
Fuel Tank Capacity: 50.2 Gal  
130 Amp Alternator Cab  
12V 1090 CCA Battery  
SAE Gross HP: 131.6  
Engine Net HP: 123.2  
Max. PTO HP: 104.0  
@ 2200 Engine RPM

**EXHAUST EMISSION CONTROL  
TYPE**

DPF System (Diesel Particulate Filter)  
SCR System  
DEF Tank Capacity: 4.2 Gal

**HYDRAULICS / HITCH / DRAWBAR**

Open Center Gear Pump  
Max. Flow @ Rated Engine Speed:  
Power Steering: 14.6  
Impl. Flow: 20.4 gpm  
Total Flow: 35.0 gpm

**REMOTE VALVES**

(1) SCD (Self Canceling Detent)  
(1) FD (Float Detent)  
In-Cab Flow Control Adjustment

**3 POINT HITCH & DRAWBAR**

Cat II 3-point Hitch  
@ Lift Points: 8598 lbs  
@ 24" Behind: 6834 lbs  
2 External Lift Cylinders  
Electronic Position and Draft Control  
Telescoping Lower Links  
Stabilizers  
Swinging Drawbar - 4.5" Drop

**POWER TAKE OFF (540)**

Live-Independent Hyd. PTO  
SAE 1 3/8" Six Spline  
540 rpm @ 1994 Eng. rpm  
SAE 1 3/8" Twenty-One Spline  
1000 rpm @ 2050 Eng. rpm

**LIGHTING**

2 Headlights - Tail lights  
4 Hazard Flasher Lights w/ Turn Signals  
2 Grille Mounted Worklights  
2 Front Cab Halogen Worklights  
2 Rear Halogen Worklights

**TRANSMISSION**

24F/24R Intelli-Shift  
Three Range, 8-Speed Semi-  
Powershift  
Auto Shift Mode - Field & Road  
Auto 4WD Function  
Electro-Hydraulic Shuttle Shift  
Electro-Hydraulic Front & Rear Diff.  
Lock  
Clutch - Multi Plate Wet  
Planetary Final Drives  
Hydraulic Wet Disc Brakes

**FRONT AXLE**

Hydrostatic Power Steering  
4WD: Cast Iron, Bevel Gear Type  
Bi-Speed Turn Feature  
Planetary Final Drives  
Adj. (Rim) Tread Spacing

**FLUID CAPACITY**

Cooling System: 15.4 qts  
Crankcase: 14.6 qts  
Hydraulics/Trans: 17.2 gal

**INSTRUMENTS**

LCD readout for MPH and PTO rpm  
26 Mode LCD Readout  
Tachometer/Hour meter  
Oil Pressure  
Fuel Gauge  
Coolant Temperature  
Gear Speed Digital Light Indicator  
Digital Light Indicator F/R Direction  
(2) USB Ports

**GRAND-X CAB**

4-post, ROPS Certified  
RH & LH Doors  
Tinted Glass Doors and Windows  
In-roof window/vent  
Tilt and Telescoping Steering Wheel  
Deluxe Air Ride Seat  
Dual Level Air Conditioning & Heater  
Front and Rear Wiper/Washer  
Front Sun Visor  
Rear View Mirror  
LH & RH Telescoping Side Mirrors  
Radio Ready Cab  
Steps, Left and Right Side  
Interior Dome Light  
12V - 30-Amp 2 Wire Coupler  
12V - 3 Pin 30-Amp Coupler  
12V - Outlet  
Cup Holder  
Instructor Seat Ready  
Horn

**SAFETY EQUIPMENT**

Flip-Up PTO Shield  
Safety Start Switches

M6-131DTC-F-1 Base Price: \$121,541.00

(12) FRONT SUITCASE WEIGHT M8079-FRONT SUITCASE WEIGHT	\$1,608.00
(1) BOLT BAR KIT FOR M9126 BRACKET M9275A-BOLT BAR KIT FOR M9126 BRACKET	\$110.00
(1) WEIGHT BRACKET M9126-WEIGHT BRACKET	\$552.00
(1) INSTRUCTOR'S SEAT KIT PNF M9121A-INSTRUCTOR'S SEAT KIT PNF	\$608.00
(1) 37 Series Rotary Cutter 540 RPM, 12' Width RC3712-01-32-40-75-82-37 Series Rotary Cutter 540 RPM, 12' Width	\$25,181.00

**Configured Price:** \$149,600.00

Sourcewell Discount: (\$33,667.43)

**SUBTOTAL:** \$115,932.57

Factory Assembly: \$325.00

Dealer Assembly: \$161.33

Freight Cost: \$793.75

PDI: \$400.00

Bluetooth Radio \$500.00

Shop labor to install weights, radio and instructors  
seat \$800.00Tractor will have to be dealer transferred to fill this  
order...freight charge for the transfer \$1,500.00

Total Unit Price: \$120,412.65

Quantity Ordered: 1

Final Sales Price: \$120,412.65

**Purchase Order Must Reflect Final Sales Price.****To order, place your Purchase Order directly with the quoting  
dealer**





For Earth, For Life  
**Kubota**

***Kubota also offers a full line-up of M-Series tractors. These tractors are the pinnacle of size, power, and performance.***



M7-4



M5-091/M5-111



M6060/M7060



**KUBOTA TRACTOR CORPORATION**

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Visit our web site at: [kubotaUSA.com](http://kubotaUSA.com)

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



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**M**

**KUBOTA DIESEL TRACTOR**

**M6-101/M6-111  
M6-131/M6-141**

The new M6 Series deluxe mid-size tractors with more cab space offer a high level of comfort even under the most demanding jobs.





# PREMIUM TRACTOR

*The M6 Series Just Keeps Getting Better!*

## ADVANCED CONTROL

Take full advantage of the M6 Series tractors' performance with the powerful 24F/24R IntelliShift transmission and Kubota Electronic Management System (K-EMS).

## MANEUVERABILITY

With features like the Bi-Speed Turn and electrohydraulic differential locks, the M6 Series give you enhanced stability and tighter control even under tough situations.

KUBOTA M6 SERIES TRACTOR

**M6-101/M6-111**

**M6-131/M6-141**



# STRONG BUT GENTLE

## ***KUBOTA CLEAN DIESEL SOLUTION (K-CDS)***

Kubota engines offer clean performance that exceeds even the latest emissions standards. 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 to meet the Tier4 Final emissions regulations.



### ***Kubota Engines\****

M6-101: 97.1HP w/ Common Rail System (CRS), turbocharger with intercooler

M6-111: 106.8HP w/ Common Rail System (CRS), turbocharger with intercooler

M6-131: 123.2HP w/ Common Rail System (CRS), turbocharger with intercooler

M6-141: 133.0HP w/ Common Rail System (CRS), turbocharger with intercooler

\*Engine net power at rated RPM (ECE-R24)



# PANORAMIC LUXURY

## *Grand X CAB*

Discover freedom from within. The M6 boasts one of the largest cabs in its class. We removed the center pillars and rounded the glass increasing both interior height and width to provide a more spacious feel. Wide-opening doors provide easier access while the unobstructed ceiling and fully flat floor guarantee more head- and legroom for a higher level of comfort even during long hours behind the wheel.

65.5 in.

61.4 in.

***Grand X CAB***





# PANORAMIC LUXURY



**Tilt and Telescopic Power Steering**

Tilt and telescopic steering offers the ideal driving position while power steering makes steering easier even in rough terrain.



**Deluxe Air-ride Seat**

All M6 Series tractors are equipped with a reclining and automatic height and weight control Air-ride seat that's especially designed to absorb shock and reduce operator fatigue.



**Deluxe Heating and Air Conditioner**

The rounded cab and strategically placed ventilation ducts optimize airflow for year-round comfort.



**Roof Panel**

The M6's roof panel offers a clear view above making it especially handy when raising the front loader. The roof is also tilt adjustable for fresh-air ventilation.



**Instructor's Seat (Optional)**

Kubota also offers an optional instructor seat, which is useful when giving tutorials to new operators. Spaciousness is still maintained even with the seat unfolded.



# INTUITIVE OPERATION



## ***ERGONOMICALLY DESIGNED CAB***

The M6's advanced cab is designed for great operating comfort. All displays, levers and controls – including those for audio and air conditioning – are strategically located on the right console or around the steering wheel for easy access and intuitive operation.



**Momentary Shuttle Lever**  
Located behind the steering wheel, the one touch momentary type shuttle lever allows easy shifting between forward and reverse while keeping both hands on the wheel.



**Operating Levers with Armrest**  
Operating levers and switches for controlling hydraulics and shifts offer an ergonomically-designed armrest to increase ease of use and reduce fatigue.



**Xpress Restart**  
Allows the operator to directly control the main clutch by simply pressing the brake pedals. The tractor can be stopped without using the clutch pedal, helping to ensure maximum convenience and productivity.



**Swivel Seat**  
Equipped with an adjustable air-suspension system, contoured, and generously padded, you'll ride comfortably on your deluxe air-ride seat with swivel.



**Parking Brake**



**USB Ports**



# ADVANCED CONTROL



## INTELLI-SHIFT TRANSMISSION

(8-SPEED TRIPLE RANGE POWER SHIFT WITH AUTO-MODE)

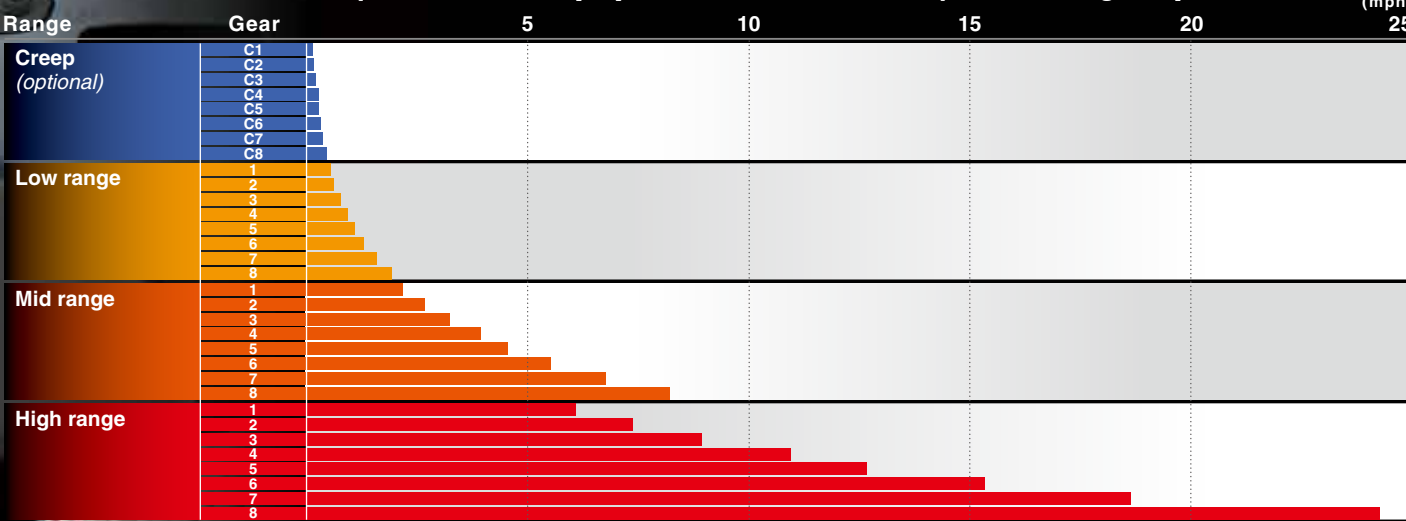
### Intelli-Shift Transmission

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.



**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.

M6-141 TRAVELING SPEED (F32/R32 w/ Creep Speed, 18.4 R38 rear tires) @ rated engine rpm



## 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.

### Shuttle Shift Modulation Dial

The sensitivity of shuttle switching between forward & reverse is adjustable to match users preferences.



- |                                     |  |   |
|-------------------------------------|--|---|
| 1. Shift lever (8-speed powershift) | 10. Rev-limiter control dial                     | 16. Shuttle Shift Modulation Dial                 |
| 2. Side digital LCD panel           | 11. Auto Mode sensitivity adjustment dial        | 17. 3-point hitch limiter adjustment dial         |
| 3. Auxiliary control lever          | 12. 3-point hitch lowering speed adjustment dial | 18. 3-point lift control lever                    |
| 4. PTO control knob                 | 13. 3-point link mode switch                     | 19. Throttle lever                                |
| 5. Constant RPM Management switch   | 14. Draft sensitivity adjustment dial            | 20. RPM dual memory switch                        |
| 6. Auto Mode switch                 | 15. Lift arm height limit adjustment dial        | 21. Powershift switches                           |
| 7. Downhill control switch          |  | 22. One-touch 3-point lift / lower control switch |
| 8. Front work light switch          |  |   |
| 9. Rear work light switch           |  |   |

## 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.

### Light soil

To maintain optimum working speed in the least demanding terrain, the transmission stays in your preset gear, for example 4th.

### Heavy soil

For working in heavy soil, the transmission automatically downshifts to 3rd gear, then to 2nd, and 1st if required. When the terrain changes to light soil, the transmission automatically shifts back up to 4th.

### Uphill

To power up an incline, the transmission automatically downshifts up to 3 speeds after sensing an increase in engine load by dropping the rpm.

### Downhill

When the crest of a hill has been reached, the transmission will automatically upshift in order to regain optimum working speed.



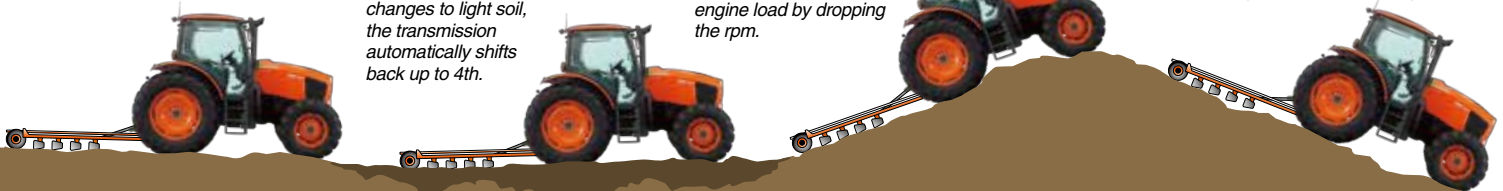
Auto Mode switch



Auto Mode sensitivity adjustment dial



Auto Mode status display





# CONTROL TECHNOLOGY

## KUBOTA ELECTRONIC MANAGEMENT SYSTEM (K-EMS)

### Constant RPM Management

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, Constant RPM Management makes working with PTO-driven implements much more efficient.



### RPM Deal 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.



Example:  
Setting A: PTO Work

2000 n/min



Setting B: Front Loader Work

1000 n/min



### Rev-limiter Control Dial

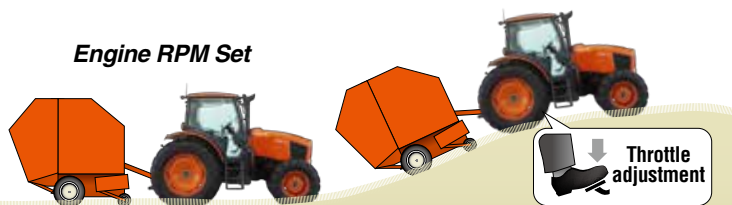
With the simple turn of a dial, you can easily regulate engine revolution in 10 RPM increments.

1500 n/min



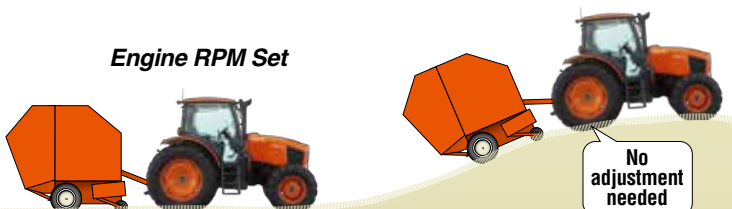
### Constant RPM Management OFF

When Work Kruse is turned off, the engine operates like that of conventional tractors. When using the PTO, and there is a load increase on the engine, such as going uphill, throttle adjustments must be made to maintain PTO RPM, even if the engine RPM is set.



### Constant RPM Management ON

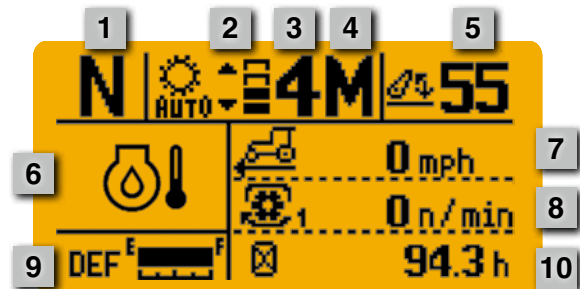
When engine RPM is set and Work Kruse is switched on, there is no need for throttle adjustment. The computer automatically adjusts the amount of fuel injection to maintain PTO RPM levels.



### Dash Panel

To keep you in better control of your tractor, we've upgraded the dash panel to include an LCD and 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



1. Shuttle Position
2. Auto Mode indicator
3. Main shift (Power shift)
4. Range shift
5. 3-point hitch position (%)
6. Warning indicator
7. Travel Speed
8. PTO rpm
9. DEF (AdBlue) gauge
10. Performance Monitor

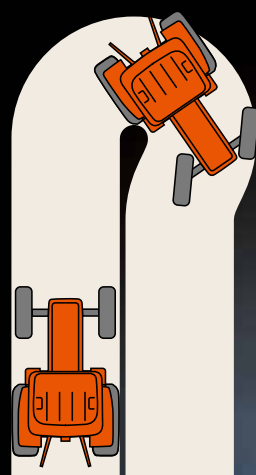


### Side Digital LCD Panel

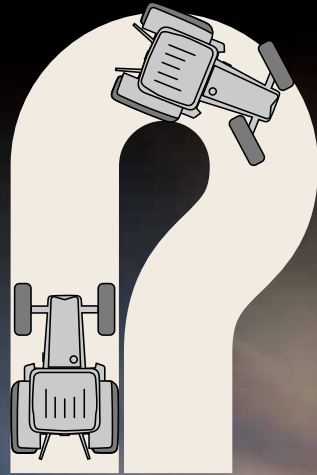
The side digital LCD panel gives you precise control of your fieldwork, such as when spraying, by indicating travel speed and PTO RPM. It's conveniently located on your right, within easy view.



# MANEUVERABILITY



**Bi-Speed Turn**



**Without Bi-Speed Turn**

## 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.

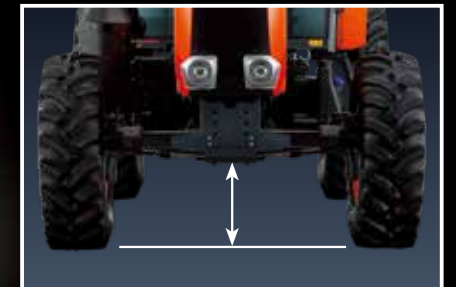
## Bevel-gear Front Axle

Another Kubota exclusive, the bevel-gear front-wheel drive enables the 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.



## High Crop Clearance

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



## Front Suspension System

The front suspension helps give you a comfortable ride, stable, precise operation and maintains traction to the ground during travel and while pulling 3P mounted and drawbar implements. It works seamlessly with a shock absorber to smoothly negotiate rough terrain.

*(Available as a factory option for M6-141 only)*

## 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.

### With optional Front Suspension System



### Without Front Suspension System





# ULTRA PRODUCTIVE



## Hydraulic Flow Valves and Auxiliary Control Valve

To ensure faster 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.



## 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 so each valve together or the valves and 3-point hitch can be operated simultaneously. The oil flow rate is easily regulated by adjusting each flow control dial.

## 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 the adoption of an unload valve minimizes loss to hydraulic pressure to exert greater power during PTO operations when the 3-point hitch is not in use.



### 1 Live-Independent 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, and without stopping the tractor.

### 2 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.

### 3 Floating Lift Rods

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

### 4 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.

### 5 Trailer Coupler (7-Pin)

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



### 6 Drawbar Bracket

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



## 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 Grill

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



## Quad Front Lamps

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



## 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 dirt and contamination from entering the engine to keep your tractor running for years on end.

## Stationary PTO Switch

Now you can use PTO system with the tractor in a stationary position, which is often required for feed mixing operations. To utilize the function, make sure to engage the parking brake and to shuttle into neutral, then push the stationary PTO switch on the right side of the steering wheel.





# FRONT LOADER

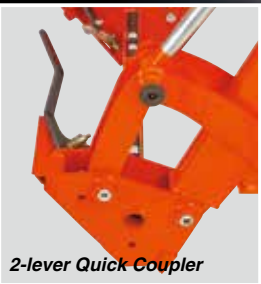
## Roof Panel

The Grand X's sunroof-type roof panel offers a clear view above the cab to help facilitate the checking of the front loader position.



## 2-lever Quick Coupler/Euro Quick Coupler

You can choose from two types of quick attachment couplers. Both let you quickly attach and detach a wide variety of attachments with a simple operation.



2-lever Quick Coupler



Euro Quick Coupler

## Hydraulic Self-leveling Valve (Optional)

The hydraulic self-leveling mechanism gives the operator a clear view ahead because it doesn't require an upper loader link. This function can be switched off when the operator prefer full control of the loader and self-leveling is not required.

## New Mechanical Front Loader Joystick

The new front loader mechanical control joystick simplifies front loader operations. The new joystick is equipped with shuttle shift and range gear shift buttons, eliminating the need to frequently switch your grip between the joy stick, steering wheel, and shift lever. The joystick lever and switches are ergonomically designed and located for optimum operator comfort.



A. 3rd Function  
B. Shift up/down  
C. Suttle Forward / Reverse

D. 4th Function  
E. Shuttle enable button



## Lifting Power and Height

Two separate boom cylinder fulcrum points (Power position and Height position) give you the option to increase the loader's lifting power or height based on your needs. When using the pallet fork or bale spear, you may want to set the fulcrum to give you more height. For bucket work, a lower setting offers more power.



## Quick Attach/Detach Loader

Attaching and detaching the front loader doesn't get easier, thanks to boom stands and two mounting pins. With easy-on and easy-off simplicity, and without tools, this feature is sure to contribute to your overall operating efficiency.



# FRONT LOADER OPTIONS

***With a host of convenient options, Kubota’s powerful and versatile front loader lets you take on a wider variety of chores.***

### Kubota Shockless Ride (KSR)

The KSR helps to minimize fatigue by “smoothing out” the ride of the tractor. This feature is particularly useful when your tasks include a lot of tight turns or lifting and dumping of heavy loads. It makes handling round bales far less jarring.

### Single-lever Hydraulic Quick Coupler

The quick coupler allows the operator to attach all four hoses at once. This makes attaching and detaching quick and easy, even when you’re doing it often.

### Third Function Valve

The optional 3<sup>rd</sup> 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 3<sup>rd</sup> function valve can be activated with a button located on the grip of the joystick.



## FRONT LOADER SPECIFICATIONS

FRONT LOADER	LA1955		LA2255	
Tractor Model	M6-101/M6-111		M6-131/M6-141	
	Height	Power	Height	Power
Maximum lift height to pivot pin	in. (mm)	145.7 (3700)	132.7 (3370)	161.4 (4099)
Maximum lift height under level bucket	in. (mm)	136.6 (3470)	124.4 (3160)	152.0 (3862)
Clearance with bucket dumped	in. (mm)	112.6 (2860)	98.0 (2490)	129.5 (3290)
Reach at maximum lift height (45 deg.)	in. (mm)	19.3 (489)	34.0 (864)	30.0 (761)
Maximum dump angle	deg.	52	63	45.5 (1157)
Reach with bucket on ground	in. (mm)	87.8 (2230)		91.9 (2334)
Bucket roll-back angle	deg.	40		40
Digging depth	in. (mm)	2.4 (60)	2.6 (65)	5.2 (131)
Overall height in carrying position	in. (mm)	66.9 (1700)		74.0 (1880)
Lift capacity to maximum height at pivot pin	lbs. (kg)	4178 (1895)	4299 (1950)	4711 (2137)
Lift capacity to maximum height (800mm forward)	lbs. (kg)	2668 (1210)	2976 (1350)	3135 (1422)
Lift capacity to 1.5M (59in) height at pivot pin	lbs. (kg)	4685 (2125)	5247 (2380)	5591 (2536)
Lift capacity to 1.5M (59in) height (800mm forward)	lbs. (kg)	3472 (1575)	4057 (1840)	4337 (1967)
Breakout force at pivot pin	lbs. (N)	5589 (24860)	6576 (29250)	6585 (29273)
Breakout force (800mm forward)	lbs. (N)	3864 (17190)	4991 (22200)	4879 (21687)
Bucket rollback force at maximum height	lbs. (N)	3084 (13720)	3615 (16080)	3965 (17627)
Bucket rollback force at 1.5M (59in) lift height	lbs. (N)	5814 (25860)		6439 (28622)
Bucket rollback force at ground level	lbs. (N)	5802 (25810)		6398 (28439)
Raising time	sec.	3.8		4.5
Lowering time	sec.	3.3		3.9
Bucket dumping time	sec.	2.1		2.4
Bucket rollback time	sec.	2.5		3.0

# SPECIFICATIONS

Model	M6-101		M6-111		M6-131		M6-141	
Engine	V3800 – TI – CRS				V6108 – TI – CRS			
Type (Make: Kubota)	Common Rail System, direct injection, liquid-cooled							
No. of cylinders / Aspiration	4 cylinder 3.8L / Turbocharger with intercooler				4 cylinder 6.1L / Turbocharger with intercooler			
Engine power at rated rpm (97/68/EC)	HP (kW)	104.5 (77.9)		114.1 (85.1)		131.6 (98.1)		141.4 (105.5)
Engine net power at rated rpm (ECE-R24)	HP (kW)	97.1 (72.4)		106.8 (79.7)		123.2 (91.9)		133.0 (99.2)
PTO power at engine rated rpm	HP (kW)	82 (61)		92 (69)		104 (78)		114 (85)
Total displacement	cu.in. (cc)	230 (3769)				374 (6124)		
Bore × stroke	in. (mm)	3.94 × 4.72 (100 × 120)				4.65 × 5.51 (118 × 140)		
Rated speed	rpm	2600				2200		
Fuel tank capacity	gal. (ℓ)	50.2 (190)						
DEF tank capacity	gal. (ℓ)	4.2 (16)						
Alternator / Battery capacity		130 Amp/12 V, 100 Ah at 20 hours, 900 CCA				130 Amp/12 V, 160Ah at 20 hours, 1090 CCA		
Air cleaner		8" Dry, dual-element				10" Dry, dual-element		
Muffler		Under-hood, corner-post exhaust pipe						
Transmission		Intelli-Shift transmission						
No. of speeds (option)		24F/24R (32F/32R w/ creep)						
Main gear shift		8-speed powershift						
Range gear shift		3-speed mechanical shift with clutch button						
Shuttle shift		Microprocessor-controlled electro-hydraulic shuttle						
Bi-speed turn		Standard						
Optional creep speed		0.11 – 0.42 mph		0.12 – 0.45 mph		0.12 – 0.46 mph		
Max. traveling speed	mph (km/h)	21.9 (35.3)		23.4 (37.7)		24.3 (39.1)		
Main clutch type / diameter	in. (mm)	Multiple wet disc, electro-hydraulically operated / 5.2 (133)						
Brake type		Hydraulically operated wet disc brakes, with automatic front axle engagement (4WD)* <sup>1</sup>						
Front wheel drive system		Bevel gear type, on-the-go electro-hydraulic engagement, w/ electro-hydraulic front differential lock						
PTO								
PTO Type		Live-independent PTO, hydraulically operated wet clutch, w/ PTO brake						
PTO speed (interchangeable)		540 rpm (6 splines) /1000 rpm (21 splines) (two shafts)						
Hydraulics								
Type		Pressure compensated / Fixed displacement						
Pump output (hitch & remote)	gpm (ℓ/min.)	18.7 (70.9)				20.4 (77.2)		
Pump output (power steering)	gpm (ℓ/min.)	16.0 (60.4)				14.5 (54.8), 17.0 (64.3)* <sup>2</sup>		
3-point hitch (Category II)		Telescopic lower link ends, telescopic stabilizers						
Control system		Electronic draft control, lower link sensing, left fender-mounted hitch switch standard						
Lift capacity at 24 in. behind lift point SAE	lbs. (kg)	6834 (3100), optional 9447 (4285)						
Lift capacity at 24 in. behind lift point OECD	lbs. (kg)	5732 (2600), optional 7496 (3400)						
Remote valves		2 standard (3rd, 4th optional) w/ built-in flow control						
Steering		Hydrostatic power steering						
Cab								
Operator area		ISO-mounted flat deck, hanging pedals, tilt & telescopic wheel						
Seat (air ride)		Swivel, reclining, full adjustment (height, weight, fore & aft.), arm rests, retractable seat belt						
Lighting		2 headlights, 4 front working lights, 2 rear working lights, 2 tail lights, 4 safety flashers						
Standard features		Heater/Air conditioner, sun visor, front wiper/washer, rear wiper/washer, beverage holder, 12V. 30 Amp electric outlet, tinted glass, 2 external mirrors, 1 internal mirror, interior light, shuttle lever with tilt & telescopic wheel, roof panel, door glass with IR-cut film						
Dimensions & weight								
Wheelbase	in. (mm)	95.9 (2435)				105.9 (2690)		105.9 (2690), 105.5 (2680)* <sup>2</sup>
Overall width (minimum tread)	in. (mm)	82.7 (2100)				85.8 (2180)		
Overall length	in. (mm)	165.4 (4200)				171.7 (4360)		171.7 (4360), 171.3 (4350)* <sup>2</sup>
Overall height	in. (mm)	109.8 (2790)		111.8 (2840)		113.2 (2875)		
Crop clearance	in. (mm)	14.5 (370)		16.7 (425)		17.7 (450)		
Tread width	Front	62.2 – 66.1 (1580 – 1680)				69.9 – 73.8 (1775 – 1875)		
	Rear	59.8 – 81.1 (1520 – 2060)		60.2 – 80.3 (1530 – 2040)		62.6 – 82.3 (1590 – 2090)		
Turning radius (w/o brake)	ft. (m)	13.1 (4.0)* <sup>3</sup>				13.8 (4.2)* <sup>3</sup>		
Weight (w/ standard tire)	lbs. (kg)	9601 (4355)		9789 (4440)		10880 (4935)		10880 (4935), 11387 (5165)* <sup>2</sup>
Standard front tire		12.4 R24		13.6 R24		14.9 R24		
Standard rear tire		18.4 R30		18.4 R34		18.4 R38		
Other optional equipment		80" wide axle kit, 3-point high capacity lift cylinders, front weight bumper for 12 weights, front weight bumper for 16 weights (M6-131, M6-141 only), front weights, rear wheel weights, drawbar clevis, rear defogger, 3rd/4th remote valve w/ flow control, creep speed, additional front worklights (1 each on front safety flasher), additional rear work lights (1 each on tail light), fuel tank guard kit, instructor's seat						

\*<sup>1</sup> The front axle is engaged automatically for braking purposes when both brake pedals are pressed together, regardless of whether 4WD or 2WD is activated.

\*<sup>2</sup> M6-141 optional front suspension model only.

\*<sup>3</sup> W/ Bi-speed turn, 4WD ON.

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# RC3712 ROTARY CUTTERS

12' FLEX-WING: 50-160 HP | Pull-Type



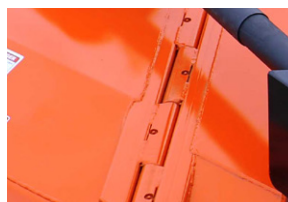
RC3712 HEAVY-DUTY		
Horsepower	50-160 HP	
Hitch	Pull-Type; Standard Swivel Clevis, LP Performance Self-Leveling, Ball, Pintle, or Bar-Tite Hitch	
Working Width (cm)	12' (366)	
Overall Width	12'10"	
Min. Transport Width	9' 4"	
Overall Length	15'3"	
Machine Weight - lb (kg)	3,730 (6,192)	
Cutting Height	1-1/2" - 14"	
Cutting Capacity	3" Diameter	
Tongue Weight - lb	1,240	
Max. Turning Angle	80° with CV	
Deck Height	11"	
Deck Thickness	10 Gauge	
Suspension	Spring Cushioned Center Axle	
Deck Rings	N/A	
Side Panel Thickness	1/4"	
Chain Guards Front & Rear	Single - Standard Double - Optional	
Skid Shoes	Wings & Center, Replaceable, Beveled	
Blades	1/2" x 4" Uplift	
Blade Bolt	Keyed with Hardened Flatwasher & Lock Nut	
Blade Tip Speed (Feet per minute)	540 Center	15,514 fpm
	Wings	15,474 fpm
	1000 Center	15,700 fpm
	Wings	15,707 fpm
Blade Overlap	6"	
Dishpan	10 Gauge Round, Dish Shaped w/ 1" x 4-1/2" Blade Bar	
Hydraulics	Wings	2-1/2" x 12"
	Center	3" x 8"
Gearbox Rating^	540 or 1000 RPM: 160 HP Divider; 130 HP Center & Wings	
Gearbox Output Shaft	2"	
Gearbox Input Shaft	1-3/4" 20 Spline	
Input Driveline	Cat. 6 CV	
Connecting Drivelines	Cat. 4 Slip Clutch	
Tires	21" or 26" Laminated, 25.5" Aircraft, or 24" Foam-Filled	
Transport Lights	Standard	
Color Options		

## Tough enough.

The RC3712 Flex-Wing Rotary Cutter expands on the popularity of our RC2512 by offering a heavy duty 12-foot cutter. It features a 3" cutting capacity with a cut height of 1.25" to 14". The cutter is available for 540 or 1000 RPM tractors, with 4 or 6 tires in 3 sizes, and 5 hitch options. Standard equipment includes transportation lights, wing transport locks and replaceable skid shoes.



Low hitch weight on tractor drawbar is ideal for smaller horsepower tractors. Narrow A-frame hitch allows for tighter turns.



Greasable hinged wing sections have 1" solid hinge rods and allow the cutter to follow rough ground, alleviating uneven cutting.



Beveled skid shoes on wings reduces gouging of the ground when turning.



3/16" Thick stump jumper protects the gearbox output shaft.