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









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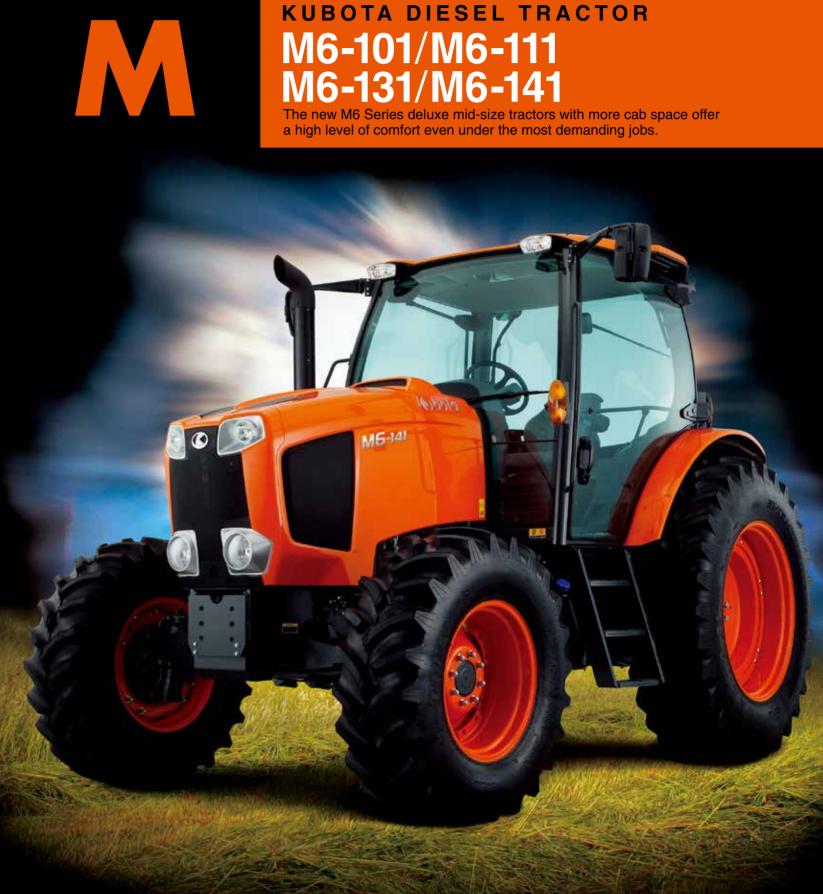
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#### For Earth, For Life Kubota

# **PRESIDENTIAL DE LA CORTANE DE**

KI810

### ADVANCED CONTROL Take full advantage of the M6 Series tractors

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.



SCR

CLEAN

POWERFUL

DPF

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

EGR

CRS

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 yearround 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.



#### **Swivel Seat**

Equipped with an adjustable airsuspension system, contoured, and on your deluxe air-ride seat with swivel.



#### **Xpress Restart**

11

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 naximum convenience and productivity.



#### **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.

generously padded, you'll ride comfortably

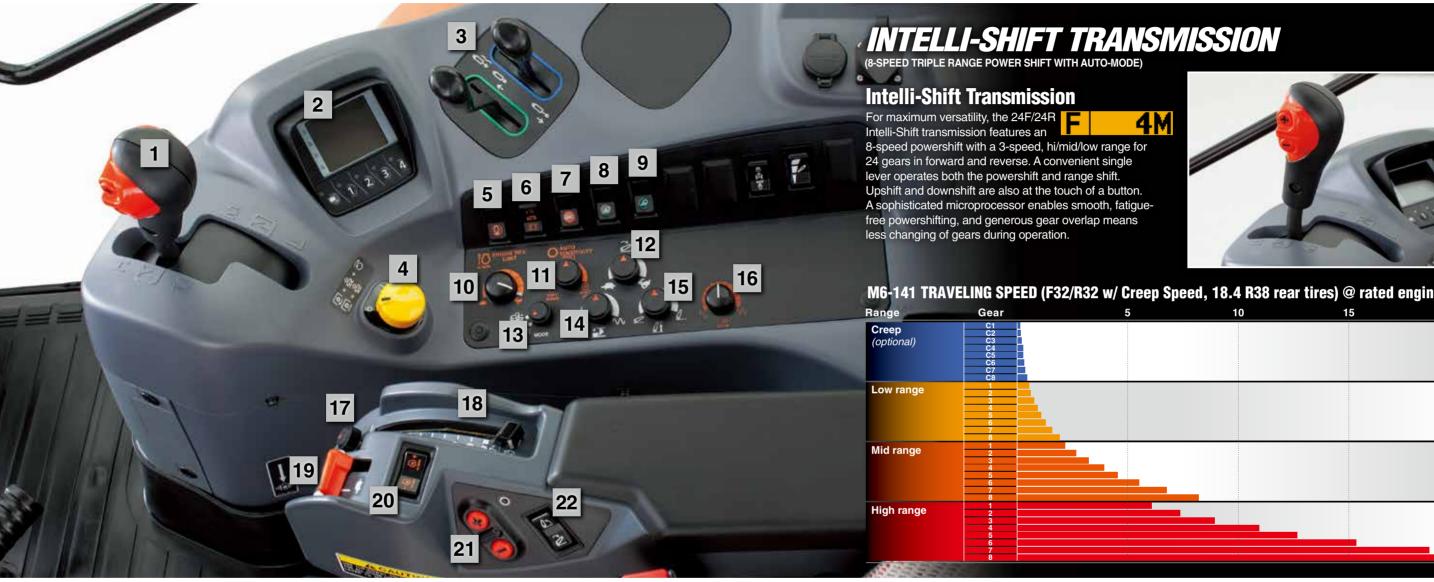


#### **Parking Brake**



#### **USB** Ports

## **ADVANCED CONTROL**



### **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
- 2. Side digital LCD panel 3. Auxiliary control lever
- 4. PTO control knob
- 5. Constant RPM Management switch
- 6. Auto Mode switch 7. Downhill control switch
- 8. Front work light switch

- (8-speed powershift)
  - - switch
    - 14. Draft sensitivity adjustment dial
    - 15. Lift arm height limit adjustment dial
- 9. Rear work light switch

- 10. Rev-limiter control dial 16. Shuttle Shift
- 11. Auto Mode sensitivity adjustment dial
  - 12. 3-point hitch lowering speed adjustment dial
  - 13. 3-point link mode
  - - 21. Powershift switches
      - 22. One-touch 3-point lift / lower control switch

lever

19. Throttle lever

switch

Modulation Dial

17. 3-point hitch limiter adjustment dial

18. 3-point lift control

20. RPM dual memory

#### 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.

transmission automatically downshifts to 3rd gear, then to 2nd, and 1st if required. When the terrain changes to light soil, the transmission

Heavy soil

automatically shifts back up to 4th

For working in heavy soil, the

the rpm.



Two upshift/do . 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 buttor

(mph)	d, 18.4 R38 rear tires) @ rated engine rpm							
25	20	15	10					

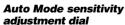


Auto Mode switch

#### Uphill

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





#### Downhill

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

displav

AUTO T

Auto Mode status

## **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 Dual Memory**

With the press of a button, you can now preset 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



#### Setting B: Front Loader Work

#### 😰 1500 n/min



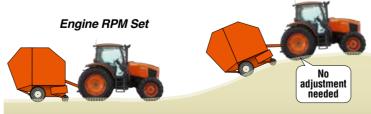
#### **Constant RPM Management OFF**

When this 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.



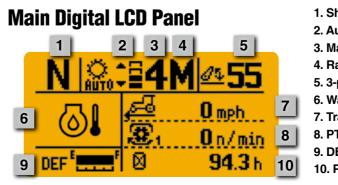
#### **Constant RPM Management ON**

When engine RPM is set and this 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.









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





#### **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*)

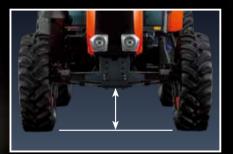
#### Auto 4WD

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.



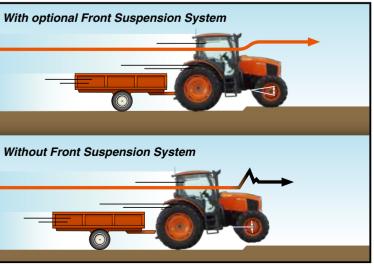
#### **Electro-Hydraulic Differential Locks**

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.



## **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.



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.

#### **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.



2

**Air Filter** years on end.

#### 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

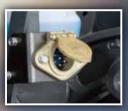
standard, both-side floating lift rods give se tractors a smoother ride and enhanced ction while using the 3-point hitch. especially on uneven terrain.

#### 4 Quick Implement Hookup

The innovative design of the Category II int hitch permits fast and easy ent attachment. The telescopic lower imple 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 i 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 nauling jobs, such as pulling heavy trailers.

A large capacity air filter prevents harmful dirt and contamination from entering the engine to keep your tractor running for

#### 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 check that the shift lever and shuttle are at 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.





#### 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.







#### **Lifting Power and Height**

Kubota

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.

#### 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 FunctionE. Shuttle enable button



#### **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 guick 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 3rd 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)	148.2 (3764)
Maximum lift height under level bucket	in. (mm)	136.6 (3470)	124.4 (3160)	152.0 (3862)	138.9 (3527)
Clearance with bucket dumped	in. (mm)	112.6 (2860)	98.0 (2490)	129.5 (3290)	116.4 (2956)
Reach at maximum lift height (45 deg.)	in. (mm)	19.3 (489)	34.0 (864)	30.0 (761)	45.5 (1157)
Maximum dump angle	deg.	52	63	50	60
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)	5.2 (133)
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)	4877 (2212)
Lift capacity to maximum height (800mm forward)	lbs. (kg)	2668 (1210)	2976 (1350)	3135 (1422)	3477 (1577)
Lift capacity to 1.5M (59in) height at pivot pin	lbs. (kg)	4685 (2125)	5247 (2380)	5591 (2536)	6180 (2803)
Lift capacity to 1.5M (59in) height (800mm forward)	lbs. (kg)	3472 (1575)	4057 (1840)	4337 (1967)	4791 (2173)
Breakout force at pivot pin	lbs. (N)	5589 (24860)	6576 (29250)	6585 (29273)	7639 (33957)
Breakout force (800mm forward)	lbs. (N)	3864 (17190)	4991 (22200)	4879 (21687)	5657 (25147)
Bucket rollback force at maximum height	lbs. (N)	3084 (13720)	3615 (16080)	3965 (17627)	4601 (20451)
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, dire	ect injection, liquid-cooled			
No. of cylinders / Aspiration		4 cylinder 3.8L / Turboo	harger with intercooler	4 cylinder 6.1L / Turbo	charger 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 (79.6)	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 (3	3769)	374 (6124)			
Bore × stroke	in. (mm)	$3.94 \times 4.72$	(100 × 120)	4.65 × 5.51 (118 × 140)			
Rated speed	rpm	26	00	22	200		
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, dua	al-element	10" Dry, dı	ual-element		
Muffler			Under-hood, corner	-post exhaust pipe			
Transmission			Intelli-Shift tr				
No. of speeds (option)			24F/24R (32F/				
Main gear shift			8-speed p				
Range gear shift		3-speed mechanical shift with clutch button					
Shuttle shift			Microprocessor-controlled				
Bi-speed turn		0.44	Stand		40		
Optional creep speed		0.11 – 0.42 mph	0.12 – 0.45 mph		.46 mph		
Max. traveling speed	mph (km/h)	21.9 (35.3)	23.4 (37.7)		(39.1)		
Main clutch type / diameter	in. (mm)		Iltiple wet disc, electro-hydr		•		
Brake type		Hydraulically operated wet disc brakes, with automatic front axle engagement (4WD)*1					
Front wheel drive system		Bevel gear type, on-the	e-go electro-hydraulic enga	gement, w/ electro-hydrau	lic front differential lock		
PTO Type		l ive-inde	pendent PTO, hydraulically	operated wet clutch w/P	TO brake		
PTO speed (interchangeable)			540 rpm (6 splines) /1000 rp	•			
Hydraulics					/		
Туре			Pressure compensated	/ Fixed displacement			
Pump output (hitch & remote)	gpm (ℓ/min.)	18.7 (	70.9)	. 20.4	(77.2)		
Pump output (power steering)	gpm ( <i>l</i> /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			mounted flat deck, hanging				
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 filr					
		2 external minors, 1 memai mi	fror, interior light, shuttle lever wi	In the a telescopic wheel, roor p			
Dimensions & weight Wheelbase	in. (mm)	95.9 (	2435)	105.9 (2690)	105.9 (2690), 105.5 (2680)*2		
Overall width (minimum tread)	in. (mm)	82.7 (2100)			(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)		(2875)		
Crop clearance	in. (mm)	17.7 (450)	19.5 (495)		(565)		
Tread width Front	in. (mm)	62.2 - 66.1 (*			(1775 – 1875)		
Rear	in. (mm)	59.8 - 81.1 (1520 - 2060) 60.2 - 80.3 (1530 - 2040)			1590 – 2090)		
Turning radius (w/o brake)	ft. (m)	13.1 (			(4.2)* <sup>3</sup>		
Weight (w/ standard tire)	lbs. (kg)	9601 (4355)	9789 (4440)	10880 (4935)	10880 (4935), 11387 (5165)*		
Standard front tire	(	12.4 R24	13.6 R24	· /	R24		
Standard rear tire		18.4 R30	18.4 R34		R38		
Other optional equipment		80" wide axle kit, 3-point h for 16 weights (M6-131, 3rd/4th remote valve w/ flo	igh capacity lift cylinders, fro M6-141 only), front weights w control, creep speed, add r work lights (1 each on tail	ont weight bumper for 12 w , rear wheel weights, drawl itional front worklights (1 e	eights, front weight bumper par clevis, rear defogger, ach on front safety flasher),		

\*1 The front axle is engaged automatically for braking purposes when both brake pedals are pressed together, regardless of whether 4WD or 2WD is activated. \*2 M6-141 optional front suspension model only. \*<sup>3</sup> W/ Bi-speed turn, 4WD ON.

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