

SPECIFICATIONS, CAPACITIES, DIMENSIONS AND WHEELS		
M6-131 and M6-141 Utility Tractors		
	M6-131	M6-141
ENGINE		
Make and Model	Kubota-V6108-CR-TIEF4	
Type	Liquid Cooled, Meets Final Tier IV EPA Emission Regulations 4 Cylinder Multi-Valve (4-Valves) Diesel, Center Direct Injection, and Turbo-Charged Fuel Injection system: CRS (Common Rail System) Electronic fuel injection Exhaust after treatment (EGR, DPF, and SCR)	
Engine hp, gross	131.6 hp @ 2200 rpm	141.4 hp @ 2200 rpm
Engine hp, net	123.2 hp @ 2200 rpm	133.0 hp @ 2200 rpm
Engine hp, PTO	104.0 hp @ 2200 rpm	114.0 hp @ 2200 rpm
Maximum torque	401.5 ft.- lbs.	432.2 ft.-lbs.
Bore and Stroke	4.6 in. x 5.5 in.	
Displacement	373.7 cu. Inch	
Fuel per hour	.372 lbs/HP-h	
Cylinder Block	Parent Bore (linerless)	
Fan	Fixed fan drive	
Air Cleaner Element	Dry Paper/Dual Element, Pre-Cleaner standard	
Cold Weather Start Aid	Automatic preheat with PTC (Positive Temperature Coefficient) intake heater	
Lubrication	Forced Lubrication	
Governor	Electronic type governor	
Injection pump	Electronic CRS (Common Rail System)	
Fuel filter system	1-Spin on type fuel filter with water separator with manual drain cock	
Oil filter	Spin on oil filter	
Exhaust	DPF, SCR Under Hood Corner Post Vertical	DPF, SCR Under Hood Corner Post Vertical
Throttle	Hand and foot operated throttle	
COOLING SYSTEM		
Radiator	Heavy duty pressurized radiator with recovery tank	
Water pump	Positive water pump	
CAPACITIES		
Fuel Tank	50.2 gal.	
Cooling System	15.4 qt.	
Engine Oil	15.6 qt.	
Transmission	68.8 qt. (17.2 gal.)	
Front Axle	13.6 qt. (Differential) plus 4.8 qt. (per each Bevel Gear Case)	
DEF	16.8 qt.	
AXLE LOAD RATINGS (Maximum)		
Front Axle 4WD lbs	7050 lbs. @ 62.6" tread spacing (9,920 lbs. w/loader @ 69.9" tread spacing)	
Rear Axle lbs	10,800 lbs. @ 62.6" tread spacing	

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DRIVE TRAIN	
Main Clutch	Wet Clutch Multi-plate
Clutch material	Metallic
Size	5.24 in. X 7
Shuttle	Electric over hydraulic shuttle
Transmission	24 Forward / 24 Reverse
	Microprocessor controlled Electro/Hydr-shuttle
Speeds	Main gear shift: 8 Speed Power Shift Sub gear shift: 3 speeds synchronized shift with button clutch Cassette type creep speed adds 12F/12R speeds (Optional/Available on all models)
Differential Lock	Standard on rear axles
Final drive type	Inboard Planetary
Brakes	Hydraulically operated, Multi-Plate Wet Discs (Continuous oil flow from hydraulic system)
PTO System	Electro - Hydraulic Independent PTO, self modulating
	540 rpm @ 1994 Eng. rpm, PTO shaft is 1 3/8" SAE 6 spline 1000 rpm PTO's have 2 quick-change shafts, 1000 rpm @ 2050 engine rpm
PTO Clutch	Multi-Plate wet clutch pack, features self-modulating engagement and self-activating brake
FRONT AXLE	
4 WHEEL DRIVE	
Steering	Hydrostatic Power Steering
Type	Pivoting
Tread spacing	Adjustable
FRONT AXLE	
4 WHEEL DRIVE	
Steering Angle	50° Turning angle
Type	Cast Iron, Bevel Pinion Drive, with outboard planetary drive
Inter-axle Ratio	1.455
HYDRAULIC SYSTEM	
System Type	Fixed Displacement Gear Pumps
Pump Output Total	18.7 gpm
Available hydraulic flow	15.7 gpm @ 2773-2844 psi
Power steering	16.1 gpm
Remote Valves	4 Max (2 Standard) 1st Valve is Standard SCD (Self Canceling Detent) 2nd FD Float type
Set up sequence	3rd or 4th optional SCD or FD (Float detent)
	All Rear Remotes Standard With Individual Flow Control
3-POINT HITCH	
3-Point Hitch	Category II
Controls	Position with Draft and Mix Control
Draft type	Top link sensing
Right link adjustment	Crank type
Lift Arms	Extendible lower link ends, adjustable stabilizers for hitch arms.
Lift Capacity At lift points	8,598 lbs.
24" Behind lift points(ISO)	6,834 lbs.
DRAWBAR	
Type	Swinging

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ELECTRICAL	M6-131	M6-141
System	12 volt electrical system	
Battery	12 volt battery 1090A CCA	
Alternator	High Capacity 130 Amp Alternator	
INSTRUMENTATION		
Gauges	Fuel level, Engine Temp., LCD	
Dash Panel	Indicator Lights for: 4WD engagement, Flasher / Turn Signals – Thermo Preheat System, PTO engagement	
	Indicator lights for Alternator charging, Engine oil pressure.	
	LCD Display: Speedometer mph or km/h, PTO RPM Speed,	
	Hourmeter displays up to 9999.99 hours, including 1/10 of an hour.	
	PTO Indicator light, PTO engaged the light is on	
	Four wheel drive Indicator Light, four wheel drive engaged the light is on	
SAFETY EQUIPMENT AND LIGHTS		
All Models	Certified ROPS Cab with retractable seat belt	
Head Lights	2 Halogen Head Lights with High/Low Beam and 2 Halogen side lights	
Work Lights	2 Halogen Front Standard, 2 Halogen rear work lights	
Safety Flashers	2 Front and 2 Rear Safety flashers with Turn Signals	
Switches	Safety start switches	
Parking	Park Lock in Transmission	
SMV	Slow moving vehicle sign, standard	
Cab	Horn	
DIMENSIONS		
Height Top of Cab	113.2 in.	
Overall Length	171.7 in	171.7 in (171.3 Front Suspension Units)
Overall Width, minimum	85.8 in.	
Tread Width/front	69.9 in /73.8 in	69.9 in /73.8 in
Tread Width/rear	62.6 in - 82.3 in	62.6 in - 82.3 in
Wheelbase	105.9 in.	105.9 in. (105.5 Front Suspension Units)
Crop Clearance	22.2 in	22.2 in.
Turning Radius with brake	13.5 ft	
without brake	16.4 ft	
w/o brake, w Bi-speed	13.8 ft.	
Weight	10945lbs.	10945lbs. (11387 Front Suspension Units)

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TIRE OPTIONS:

M6-131 Utility Tractors (Cont.)		M6-141 Utility Tractors (Cont.)	
F-14.9R24 R1 Titan Hi Traction Lug WAF R-480/80R38 R1 Titan Hi Trac Lug Cast		F-14.9R24 R1 Titan Hi Traction Lug WAF R-480/80R38 R1 Titan Hi Trac Lug Cast	
F-420/70R24 R1W Goodyear Optitrac DT812 R-520/70R38 R1W Goodyear Optitrac DT812		F-420/70R24 R1W Goodyear Optitrac DT812 R-520/70R38 R1W Goodyear Optitrac DT812	
F-14.9R24 R1 Titan Hi Traction Lug WAF R-480/80R38 R1 Titan Hi traction Lug PAVT Cast		F-14.9R24 R1 Titan Hi Traction Lug WAF R-480/80R38 R1 Titan Hi traction Lug PAVT Cast	
F-13.6-24 R1 Goodyear Dyna Torque II TL WAF R-16.9-38 R1 Titan Hi Traction Lug TT Cast		F-13.6-24 R1 Goodyear Dyna Torque II TL WAF R-16.9-38 R1 Titan Hi Traction Lug TT Cast	

TRAVEL SPEED Chart for M6-131 and M6-141(MPH) (Standard Wheel/Tire) (at Rated Engine RPM)

Range	Main gear	M6-131 (18.4R38)		M6-141 (18.4R38)	
		Forward	Reverse	Forward	Reverse
Creep (if equipped)	1	0.12	0.12	0.12	0.12
	2	0.15	0.15	0.15	0.15
	3	0.18	0.18	0.18	0.18
	4	0.22	0.22	0.22	0.22
	5	0.26	0.26	0.26	0.26
	6	0.31	0.31	0.31	0.31
	7	0.38	0.38	0.38	0.38
	8	0.46	0.46	0.46	0.46
Low	1	0.52	0.52	0.52	0.52
	2	0.63	0.64	0.63	0.64
	3	0.77	0.77	0.77	0.77
	4	0.93	0.94	0.93	0.94
	5	1.08	1.09	1.08	1.09
	6	1.31	1.32	1.31	1.32
	7	1.59	1.61	1.59	1.61
	8	1.94	1.96	1.94	1.96
Med.	1	2.20	2.22	2.20	2.22
	2	2.67	2.70	2.67	2.70
	3	3.25	3.27	3.25	3.27
	4	3.96	3.99	3.96	3.99
	5	4.58	4.62	4.58	4.62
	6	5.56	5.61	5.56	5.61
	7	6.75	6.81	6.75	6.81
	8	8.23	8.30	8.23	8.30
High	1	6.08	6.13	6.08	6.13
	2	7.38	7.45	7.38	7.45
	3	8.97	9.04	8.97	9.04
	4	10.93	11.02	10.93	11.02
	5	12.65	12.76	12.65	12.76
	6	15.36	15.49	15.36	15.49
	7	18.65	18.81	18.65	18.81
	8	22.73	22.93	22.73	22.93

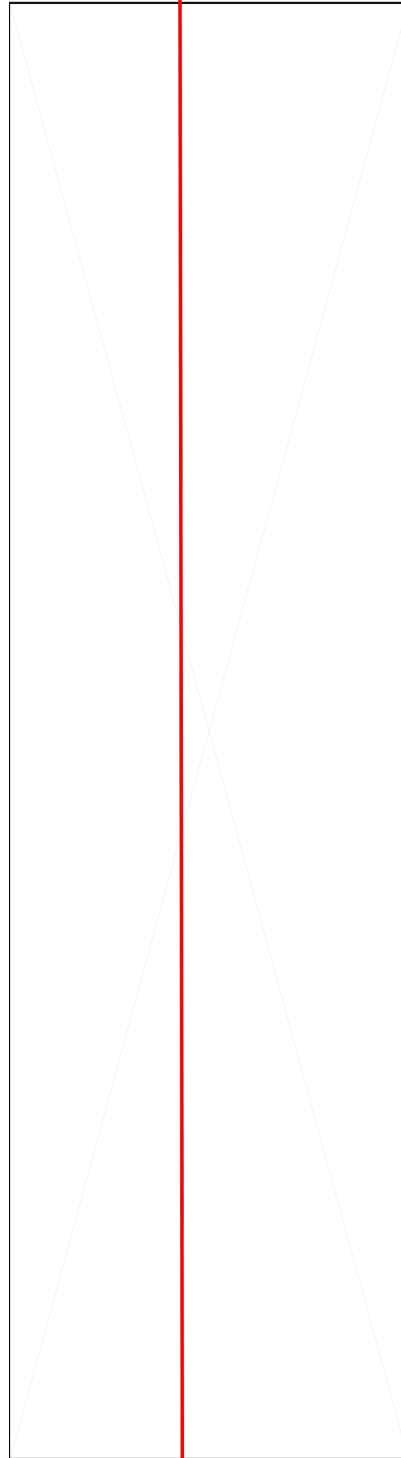
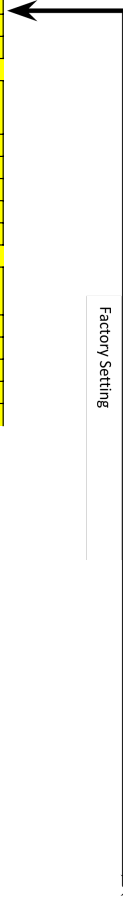
* at rated rpm: 2200 rpm.

KUBOTA M6-131 TRACTOR AVAILABLE WHEEL SPACING

AMR8571 18.4 R38			
	Wheel offset	Center to Center	Overall Width
Position 4	-1.84	63.123	82.62
Position 5	1.84	70.477	89.98
Position 6	2.34	71.483	90.98
Position 7	5.38	77.557	97.06
Position 8	7.76	82.323	101.82

AMR9225 520/70R38			
	Wheel offset	Center to Center	Overall Width
Position 4	-1.64	63.523	84.223
Position 5	1.64	70.08	90.777
Position 6	2.14	71.08	91.783
Position 7	5.18	77.16	97.857
Position 8	7.56	81.92	102.623

AMR8512 16.9-38			
	Wheel offset	Center to Center	Overall Width
Position 4	-1.63	63.534	80.984
Position 5	1.63	70.07	87.516
Position 6	2.13	71.07	88.516
Position 7	5.58	77.97	95.416
Position 8	7.92	82.64	100.088



Tractor Axle
Right Side Rear View

NOTE! Postions shown are only positions available.

