SPECIFICATIONS, CAPACITIES, DIMENSIONS AND WHEELS		
M6-101 and M6-111 Utility Tractors		
	M6-101	**M6-111**
ENGINE		
Make and Model	Kubota-V3800-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	104.5 hp @ 2600 rpm	114.1 hp @ 2600 rpm
Engine hp, net	97.1 hp @ 2600 rpm	106.8 hp @ 2600 rpm
Engine hp, PTO	82.0 hp @ 2600 rpm	92.0 hp @ 2600 rpm
Maximum torque	255.2 ft.- lbs.	279.7 ft.-lbs.
Bore and Stroke	3.94 in. x 4.72 in.	
Displacement	230 cu. Inch	
Fuel per hour	.374lbs/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	11.3 qt.	
Engine Oil	11.3 qt.	
Transmission	63.4 qt. (17.2 gal.)	
Front Axle	7.2 qt. (Differential) plus 3.8 qt. (per each Bevel Gear Case)	
DEF	16.8 qt.	
AXLE LOAD RATINGS (Maximum)		
Front Axle 4WD lbs	6,610 lbs. @ 62.2” tread spacing (9,700 lbs. w/loader @ 62.2” tread spacing)	
Rear Axle lbs	14,990 lbs. @ 60.2” tread spacing	

SPECIFICATIONS, CAPACITIES, DIMENSIONS AND WHEELS	
M6-101 and M6-111 Utility Tractors (Cont.)	
DRIVE TRAIN	
Main Clutch	Wet Clutch Multi-plate
Clutch material	Metallic
Size	5.24" X 7 outer diameter
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 @ 2405 Eng. rpm, PTO shaft is 1 3/8" SAE 6 spline 1000 rpm PTO's have 2 quick-change shafts, 1000 rpm @ 2389 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	50º Turning angle
Type	Cast Iron, Bevel Pinion Drive, with outboard planetary drive
Inter-axle Ratio	1.376
HYDRAULIC SYSTEM	
System Type	Gear Pumps / Open Center
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 Indvidual Flow Control
THREE 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

SPECIFICATIONS, CAPACITIES, DIMENSIONS AND WHEELS		
M6-101 and M6-111 Utility Tractors (Cont.)		
ELECTRICAL	**M6-101**	**M6-111**
System	12 volt electrical system	
Battery	12 volt battery 900 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 Brake	
SMV	Slow moving vehicle sign, standard	
Cab	Horn	
DIMENSIONS		
Height Top of Cab	109.8 in.	111.8 in.
Overall Length	165.4 in.	
Overall Width, minimum	82.7 in.	
Tread Width/front	62.2 in / 66.1 in	62.2 in / 66.1 in
Tread Width/rear	59.1 in - 81.1 in	59.1 in - 81.1 in
Wheelbase	95.9 in.	
Crop Clearance	17.7 in	19.5 in.
Turning Radius with brake	12.5 ft	
without brake	16.1 ft	
w/o brake, w Bi-speed	13.1 ft.	
Weight	9601 lbs.	9788 lbs
TOW RATING		

SPECIFICATIONS, CAPACITIES, DIMENSIONS AND WHEELS

M6-101 and M6-111 Utility Tractors (Cont.)

TIRE OPTIONS:

M6-101 Utility Tractors (Cont.)	M6-111 Utility Tractors (Cont.)
F-12.4R24 R1 Titan Hi Traction Lug WAF (STD) **R-18.4R30 R1 Titan Hi Power Lug Cast (STD)**	**F-12.4R24 R1 Titan Hi Traction Lug WAF** **R-18.4R30 R1 Titan Hi Power Lug Cast**
F-12.4R24 R1 Titan hi Traction Lug WAF R-18.4R30 R1 Titan Tru Grip Lug TL WAF	F-12.4R24 R1 Titan Hi Traction Lug WAF R-18.4R30 R1 Titan Hi Traction Lug
F-12.4-24R1 titan Tru Grip Lug TL WAF R-16.9-34R1 Firestone Traction Field & Road Cast	F-12.4-24 R1 Titan Tru Grip Lug TL WAF R-16.9-34 R1 Firestone Traction Field & Road Cast
F-13.6-24R1 Goodyear Dyna Torque II TL WAF R-18.4-34R1 Firestone Super All Traction II CRC Cas	F-13.6-24 R1 Goodyear Dyna Torque II TL WAF R-18.4R34 R1 Firestone Super All Traction (Sat) II CRC Cast
F-13.6R24 R1 Titan Hi Traction Lug WAF R-18.4R34 R1 Titan Hi Traction Lug Cast	F-13.6R24R1 Titan Hi Traction Lug WAF R-18.4R34 R1 Titan Hi Traction Lug Cast
F-13.6R24 R1 Titan Hi Traction Lug WAF R-18.4R34 R1 Titan Hi Trac Lug Steel	F-13.6R24 R1 Titan Hi Traction Lug WAF R-18.4R34 R1 Titan Hi Trac Lug Steel
F-13.6-24 R1 Goodyear Dyna Torque II TL WAF R-18.4-34R1 Firestone (SAT) II Steel	F-13.6-24 R1 Goodyear Dyna Torque II TL WAF R-18.4-34 R1 Firestone (SAT) II Steel
F-12.4-24 R1 Titan Tru Grip Lug TL WAF R-16.9-34 R1 Firestone Traction Field & Road-4" off	F-12.4-24 R1 Titan tru Grip Lug TL WAF R-16.9-34 R1 Firestone Traction Field & Road -4" off
F-12.4-24 R1 Titan Tru Grip Lug TL WAF R-18.4R30 R1 Titan Hi Power Lug TT Cast	

TRAVEL SPEED Chart for M6-101 and M6-111(MPH)(Standard Wheel and Tire)
(at Rated Engine RPM)

Range	Main gear	M6-101 (18.4R38)		M6-111 (18.4R38)	
		Forward	Reverse	Forward	Reverse
Creep (if equipped)	1	0.12	0.12	0.12	0.12
	2	0.14	0.14	0.15	0.15
	3	0.17	0.17	0.18	0.18
	4	0.20	0.20	0.22	0.22
	5	0.24	0.24	0.26	0.26
	6	0.29	0.30	0.31	0.32
	7	0.35	0.35	0.37	0.37
	8	0.42	0.42	0.45	0.45
Low	1	0.49	0.49	0.52	0.52
	2	0.59	0.60	0.63	0.64
	3	0.70	0.71	0.75	0.76
	4	0.85	0.86	0.91	0.92
	5	1.01	1.02	1.08	1.09
	6	1.24	1.25	1.32	1.33
	7	1.46	1.47	1.56	1.57
	8	1.77	1.79	1.89	1.91
Med.	1	2.06	2.07	2.20	2.22
	2	2.52	2.54	2.69	2.71
	3	2.97	3.00	3.17	3.20
	4	3.61	3.64	3.85	3.89
	5	4.28	4.31	4.57	4.61
	6	5.24	5.28	5.59	5.64
	7	6.18	6.23	6.60	6.66
	8	7.50	7.57	8.01	8.08
High	1	5.68	5.73	6.07	6.12
	2	6.95	7.01	7.43	7.49
	3	8.21	8.28	8.77	8.84
	4	9.96	10.05	10.64	10.73
	5	11.81	11.91	12.62	12.73
	6	14.46	14.59	15.45	15.58
	7	17.07	17.22	18.24	18.39
	8	20.72	20.90	22.14	22.33

* at rated rmp: 2600 rpm.

KUBOTA M6-101 TRACTOR AVAILABLE WHEEL SPACING

AMR 8514A 18.4 R30	Wheel offset	Center to Center	Overall Width
Position 3	-2.34	60.014	79.31
Position 4	-0.34	64.014	83.31
Position 5	0.34	65.386	84.69
Position 6	0.84	66.386	85.69
Position 7	5.22	75.134	94.43
Position 8	7.22	79.134	98.43

AMR8518A 18.4R30	Wheel offset	Center to Center	Overall Width
Position 3	-2.34	60.014	79.31
Position 4	-0.34	64.014	83.31
Position 5	0.34	65.386	84.69
Position 6	0.84	66.386	85.69
Position 7	5.22	75.134	94.43
Position 8	7.22	79.134	98.43

AMR8531 18.4R30	Wheel offset	Center to Center	Overall Width
Position 3	-2.38	59.95	79.05
Position 4	-2.00	60.7	79.8
Position 5	2.00	68.70	87.8
Position 6	2.00	68.70	87.8
Position 7	6.00	76.70	95.8
Position 8	6.38	77.45	96.55

AMR9246C 18.4 R30	Wheel offset	Center to Center	Overall Width
Position 4	-1.77	61.16	79.56
Position 5	1.77	68.24	86.64
Position 6	2.27	69.24	87.64
Position 7	5.73	76.16	94.56
Position 8	7.73	80.16	98.56

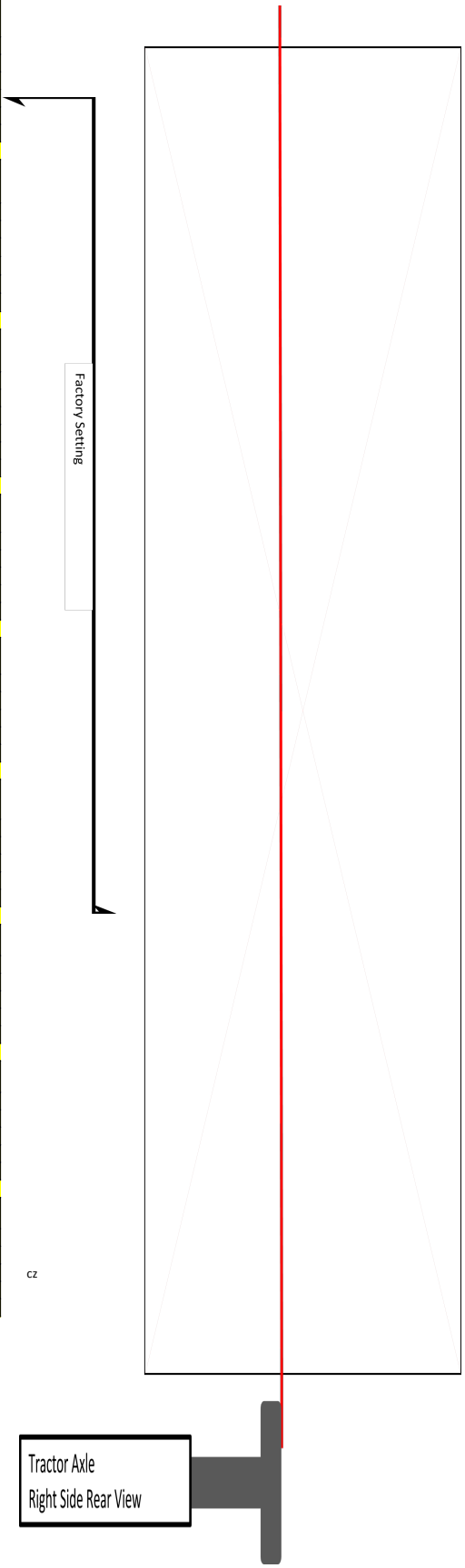
AMR9256B 18.4 R30	Wheel offset	Center to Center	Overall Width
Position 4	-2.03	60.65	79.4
Position 5	2.03	68.75	87.5
Position 6	2.53	69.75	88.5
Position 7	5.48	75.65	94.4
Position 8	7.48	79.65	98.4

AMR9244D 18.4 R30	Wheel offset	Center to Center	Overall Width
Postion 4	-1.23	62.24	80.64
Position 5	1.23	67.16	85.56
Position 6	4.77	74.24	92.64
Position 7	3.23	71.16	89.56
Position 8	7.15	78.99	97.39

AMR9254B 18.4 R30	Wheel offset	Center to Center	Overall Width
Position 4	-1.23	62.24	80.64
Position 5	1.23	67.16	85.56
Position 6	4.77	74.24	92.64
Position 7	3.23	71.16	89.56
Position 8	7.15	78.99	97.39

AMR9257 18.4 R30	Wheel offset	Center to Center	Overall Width
Position 4	-1.23	62.24	79.14
Position 5	1.23	67.16	84.06
Position 6	4.77	74.24	91.14
Position 7	3.23	71.16	88.06
Position 8	7.15	78.99	95.89

AMR9258 18.4 R30	Wheel offset	Center to Center	Overall Width
Position 4	-1.77	61.16	78.06
Position 5	1.77	68.24	85.14
Position 6	2.27	69.24	86.14
Position 7	5.73	76.16	93.06
Position 8	7.73	80.16	97.06



NOTE! Postions shown are only positions available.

KUBOTA M6-111 TRACTOR AVAILABLE WHEEL SPACING

AMR9256B 18.4R34	Wheel offset	Center to Center	Overall Width
Position 4	-2.03	60.65	79.40
Position 5	2.03	68.75	87.50
Position 6	2.53	69.75	88.50
Position 7	5.48	75.65	94.40
Position 8	7.48	79.65	98.40

AMR9254B 18.4 R34	Wheel offset	Center to Center	Overall Width
Position 4	-1.23	62.24	80.99
Position 5	1.23	67.16	85.91
Position 6	4.77	74.24	92.99
Position 7	3.23	71.16	89.91
Position 8	7.15	78.99	97.74

AMR9244D 18.4 R34	Wheel offset	Center to Center	Overall Width
Position 5	1.23	63.06	81.46
Position 6	4.77	70.14	88.54
Position 7	3.23	67.06	85.46
Position 8	7.15	74.89	93.29

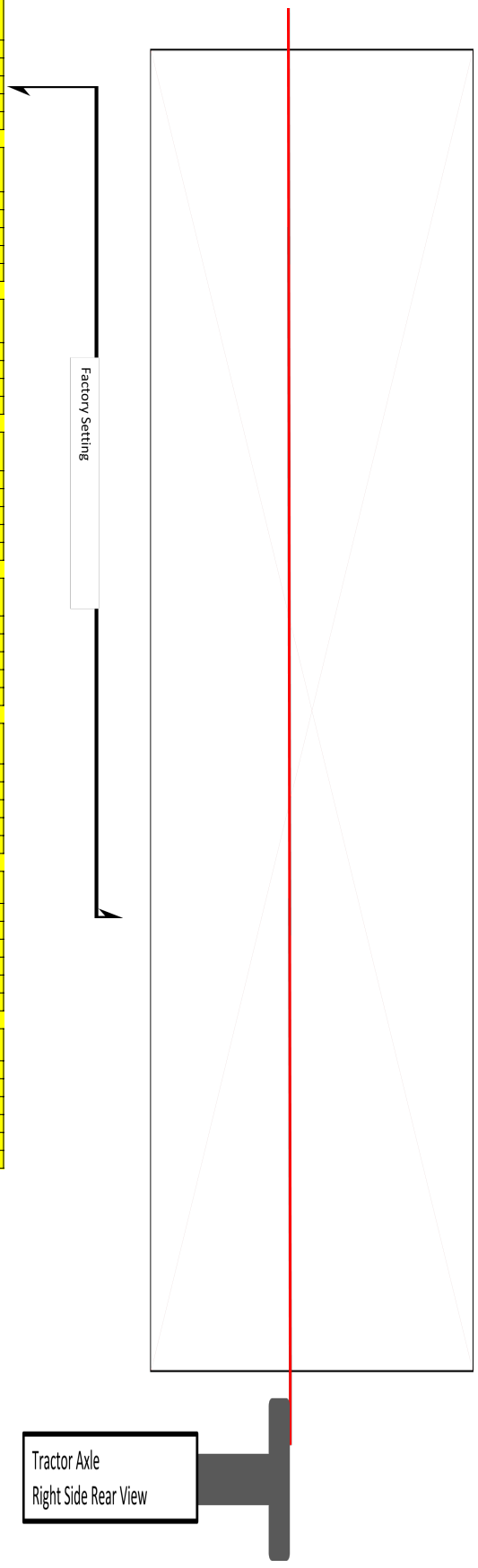
AMR9246C 18.4 R34	Wheel offset	Center to Center	Overall Width
Position 4	-1.77	61.16	79.56
Position 5	1.77	68.24	86.64
Position 6	2.27	69.24	87.64
Position 7	5.73	76.16	94.56
Position 8	7.73	80.16	98.56

AMR9257 18.4 R34	Wheel offset	Center to Center	Overall Width
Position 4	-1.23	62.24	79.14
Position 5	1.23	67.16	84.06
Position 6	4.77	74.24	91.14
Position 7	3.23	71.16	88.06
Position 8	7.15	78.99	95.89

AMR9258 18.4R34	Wheel offset	Center to Center	Overall Width
Position 4	-1.77	61.16	78.06
Position 5	1.77	68.24	85.14
Position 6	2.27	69.24	86.14
Position 7	5.73	76.16	93.06
Position 8	7.73	80.16	97.06

AMR8531 18.4 R34	Wheel offset	Center to Center	Overall Width
Position 3	-2.38	59.95	79.05
Position 4	-2.00	60.7	79.8
Position 5	2.00	68.70	87.8
Position 6	2.00	68.70	87.8
Position 7	6.00	76.70	95.8
Position 8	6.38	77.45	96.55

AMR8514A 18.4 R34	Wheel offset	Center to Center	Overall Width
Position 3	-2.34	60.014	79.314
Position 4	-0.34	64.014	83.314
Position 5	0.34	65.39	84.686
Position 6	0.84	66.39	85.686
Position 7	5.22	75.13	94.434
Position 8	7.22	79.13	98.434



NOTE! Postions shown are only positions available.