

# M6 Series

# Specifications

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



Model	M6-101	M6-111	M6-131	M6-141
<b>Engine</b>	V3800 – TI – CRS		V6108 – TI – CRS	
Type (Make: Kubota)	Common Rail System, direct injection, liquid-cooled			
No. of cylinders / Aspiration	4 / 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			
<b>Transmission</b>	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			
<b>PTO</b>	Live-independent PTO, hydraulically operated wet clutch, w/ PTO brake			
PTO Type	540 rpm (6 splines) /1000 rpm (21 splines) (two shafts)			
PTO speed (interchangeable)				
<b>Hydraulics</b>				
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 CECD lbs. (kg)	5732 (2600), optional 7496 (3400)			
Remote valves	2 standard (3rd, 4th optional) w/ built-in flow control			
Steering	Hydrostatic power steering			
<b>Cab</b>	ISO-mounted flat deck, hanging pedals, tilt & telescopic wheel			
Operator area	Swivel, reclining, full adjustment (height, weight, fore & aft.), arm rests, retractable seat belt			
Seat (air ride)	2 headlights, 4 front working lights, 2 rear working lights, 2 tail lights, 4 safety flashers			
Lighting	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			
Standard features				
<b>Dimensions &amp; weight</b>				
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 in. (mm)	62.2 – 66.1 (1580 – 1680)		69.9 – 73.8 (1775 – 1875)	
Rear in. (mm)	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)	10945 (4965)	10945 (4965), 11321 (5135)* <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	
<b>Other optional equipment</b>	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.

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. See dealer for complete warranty details. For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications. For complete operational information, the operator's manual should be consulted. Not for sale in Nebraska.

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## 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	