

# M Series

# Specifications

## M100GX - M110GX - M126GX - M135GX



Model			M100GX		M110GX		M126GX		M135GX	
Engine			V3800 – TI – CRS				V6108 – TI – CRS			
Type (Make: Kubota)			Common Rail System, direct injection, liquid-cooled							
No. of cylinders / Aspiration			4 / Turbocharger with intercooler							
SAE net power		HP (kW)	100.0 (74.6)		109.5 (81.7)		125.0 (93.2)		135.0 (100.7)	
PTO power		HP (kW)	86.0 (64.1)		96.0 (71.6)		108.0 (80.5)		118.0 (88.0)	
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)							
Alternator / Battery capacity			80 Amp/12 V, 100 Ah at 20 hours, 900 CCA				80 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>										
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)							
<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)			
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			lbs. (kg)		6834 (3100), optional 9447 (4285)					
Remote valves			2 standard (3rd, 4th optional)							
Steering			Hydrostatic power steering							
<b>Cab</b>										
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							
<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)	17.7 (450)		19.5 (495)		22.2 (565)			
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>2</sup>				13.5 (4.1)* <sup>3</sup>			
Weight (w/ standard tire)		lb. (kg)	9028 (4095)		9216 (4180)		10373 (4705)		10373 (4705), 10814 (4905)* <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, front weights, rear wheel weights, drawbar clevis, rear defogger, 3rd/4th remote valve, 1st-4th remote valve w/ flow control, creep speed, flow control valve, additional front work lights (1 each on front safety flasher), additional rear work lights (1 each on tail light), fuel tank guard kit, instructor's seat							

\* 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 M135GX optional front suspension model only.

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

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## Front Loader Specifications

FRONT LOADER		LA1954		LA2254	
Tractor Model		M100GX / M110GX		M126GX / M135GX	
		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	

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