M7 Series Specifications

M7-131 - M7-151 - M7-171

Model		M7-131	M7-151	M7-171
Engine		KUBOTA V6108-CR-TIER4		
Type		Direct Injection, with Intercooler turbocharger, water-cooled 4 cycle diesel engine		
No. of cylinders		4 cylinders		
Total displacement	cu. in. (cc)	374 (6124)		
Bore x stroke	in. (mm)	4.65 x 5.51 (118 x 140)		
Rated speed	rpm	2200		
Rated power @2200 engine rpm (97/68EC)	HP	128	148	168
Boost power	HP	+20	+20	+5
Altermator / Battery		150 Amp/174 Ah (20 hr) / 1400A (200 Amp option)		
Fuel tank capacity	gal. (ℓ)	87 (300)		
DEF tank capacity	gal. (ℓ)	10 (38)		

Grade variety		Standard	Premium	Premium KVT
Transmission				
Type		Powershift		CVT
Main gear shift		4-speed Powershift		CVT
Range gear shift		6-speed synchronized Powershift (GST)		CVT
No. of speeds		F24 / R24 (F40 / R40 w/ optional creep)		CVT
Max. traveling speed	mph (km/h)	25 (40)	25 (40) / 31.2 (50) option	
Shuttle shift		Electro-hydraulic shuttle		
Main clutch		Hydraulic multi-plate wet disc		
Hydraulics				
System		Open center	Closed center, load sensing	
Pump capacity	gpm (l./min)	21 (80)	29 (110)	
3-point hitch		Telescopic lower link, Category III		
Control system		Electronic draft control / Lower link sensing		
Lifting capacity at lift end	lbs. (kg)	14770 (6700)		
Lifting capacity at 24in. behind (OECD)	lbs. (kg)	TBD		
No. of rear remote valves		Maximum 4 valves (mechanical valve)	Maximum 5 valves (Electronic valve)	
PTO				
Rated PTO horsepower* @2000 engine rpm (SAE)	HP	100 HP / 120 HP / 140 HP (measured with standard configuration)		
Rear PTO speeds		540 / 540E / 1000 / 1000E		
Front PTO seeds (option)		1000		
Rear axle type		Flanged axle only	Flanged, 110" bar axle available	
Standard tire size				
Front		14.9R28		
Rear		18.4R38		
Dimensions and weight	in. (mm)			
Overall length	in. (mm)	188 (4770)		
Overall height	in. (mm)	119 (3030)		
Overall width	in. (mm)	98 (2500) w/ flanged axle		
Wheelbase	lbs. (kg)	107 (2720)		
Shipping weight		13889 (6300)		

** PTO horsepower will vary based on tractor configuration.*

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M7 Series Specifications

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Front Loader Specifications

Model		LM2605	
Leveling system		Kubota Z-bar linkage, mechanical self-leveling (MSL)	
Attachment		96in. Bucket	
Compatibility		**for M7 Standard models** (Open center hydraulics)	**for M7 Premium models** (Closed center hydraulics)
Control type		Mechanical lever	Electrial joy stick
Max. lifting height at bucket pivot pin	in. (mm)	167 (4250)	
Max. lifting height at bucket under level	in. (mm)	156 (3972)	
Clearance with bucket dumped	in. (mm)	131 (3321)	
Max. dumping angle	degree	59	
Max. roll-back angle	degree	42	
Digging depth	in. (mm)	3.9 (100)	
Lifting capacity at bucket pivot pin, max. height	lbs (kg)	5776 (2620)	
Lifting capacity at 800mm forward, max. height	lbs (kg)	5765 (2615)	
Breakout force at bucket pivot pin	lbs (N)	9069 (40342)	
Breakout force at 800mm forward	lbs (N)	7968 (35444)	
Bucket roll-back force at max. height	lbs (N)	5972 (26566)	
Bucket roll-back force at 59in.(1.5M) height	lbs (N)	11017 (49004)	
Bucket roll-back force at ground level	lbs (N)	10825 (48151)	
Raising time	sec.	6.4	5.4
Lowering time	sec.	8.1	8.1
Bucket dumping time	sec.	5.1	5.1
Bucket rollback time	sec.	4.6	4.6
Standard equipment		Third function valve, Single-lever hydraulic quick coupler, Accumulator (KSR: Kubota Shockless Ride)	

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