



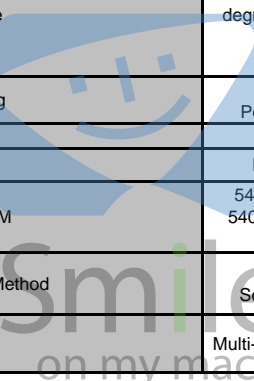
Utility/Ag Tractors

M8540/M9540



COMPARISON

FEATURE	KUBOTA M9540	CASE IH JX100U	McCORMICK C100	NEW HOLLAND TS100A	KUBOTA ADVANTAGE
Engine Manufacturer	Kubota	IVECO	Perkins	New Holland	Kubota designed and built
PTO HP (kw) @ Rated RPM	84 (63.0) @ 2600	82 (61) @ 2500	83.0 (62) @ 2200	80 (59.7) @ 2200	Highest horsepower in class
Aspiration	Turbocharged with Wastegate and Intercooled	Turbocharged	Wastegate Turbo	Turbocharged with Intercooled	Increases performance and lugging ability in lower rpm ranges.
Displacement cu. in. (liters)	230 (3.7)	238 (3.9)	244 (4.0)	273 (4.5)	Smoother running operation
Cylinders	4	4	4	4	
Injection Type	E-CDIS / Direct	Direct	Direct	Direct	
Multi-Valve system	Yes	No	No	No	
Torque Rise % (PTO) @ Eng RPM	33% @ 1500		25%	36%	Maximum torque developed at lower and wider rpm range, that increases lugging performance.
Fuel Tank Capacity gal.(liters)	23.8 (90) ROPS 29.1 (110) CAB	33.5 (127) ROPS 33.5 (127) CAB	31.7 (120)	46.7 (177) ROPS 46.7 (177) CAB	
Muffler	Under Hood	Under Hood	Vertical	Under Hood	
Transmission / Drive Train					
Transmission	8F X 8R Synchro-Shuttle 12R/12R optional Hydraulic Shuttle 4wd	24x12 Synchro-Shuttle	8F X 4R Synchro-Reverser	12F X 12R	
Left-Hand Shuttle Lever	Yes	Yes	No	No	Left Hand shuttle control is standard to maximize loader handling and to increase productivity
Fully Synchronized Main Shift	Yes	Yes	Yes	Yes	
Hydraulic Shuttle	Optional on 4wd	Optional	Optional	No	
Clutch Type	Dry w/Synchro-Shuttle Wet w/Hydraulic Shuttle	Dry w/Synchro-Shuttle Wet w/Power-Shuttle	Dry	Wet	
Creep Speed / Optional	Cassette Type Makes 12F X 12R or 18F/18R	Factory option for Synchro-Shuttle only. No Reverse Creeper Speeds.	Optional transmission	16F x 16R Trans. Only	Provides application adaptability for slow speed operation. Being the cassette type, installation can be done anytime by a dealer.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Wet Disk	Wet Disk	Wet Disc	Wet Disk	
Differential Controls	2wd Rear 4wd Rear w/Limited Slip Frt. Differential	Electrohydraulic Frt/Rear	Mechanical/Rear Front/Limited slip differential	Electro-hydraulic Frt/Rear	
Front 4wd Axle	Bevel Pinion 55 degree steering angle	U-Joint	U-Joint	U-Joint	Shortest turning radius, most maneuverable in its class. Sealed in oil for long life. Constant power at all steering angles, and built by Kubota.
Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	
PTO System					
Standard	Independent	Independent	Independent	Independent	Hydraulically controlled
Speeds @ RPM	540 @ 2295 Std. 540 / 1000 @2389 Optional	540 @ 2199 1000 @ 2381	540 @ 2000 Std. 540/1000 @ 2000 Optional	540 @ 1900 Std. 540 / 1000 Optional	
Engagement Method	Hydraulic Self-Modulating	Electro-Hydraulic	Hydraulic	Electro-Hydraulic	Simplifies engagement method, very easy to operate on RH side.
Clutch type	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Hydraulic clutch packs are cooled and lubricated by oil for long life.





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Hydraulic System					
Type	Open Center	Open Center	Open Center	Open Center (8x2 / 12x12) Variable Displacement (16 X 16 / 24 x 24))	Flow control option is available for special applications.
Flow gpm/gallons per minute (l/m)	17.2 gpm (64.3 l/m)	14.5 (55)	15.5 (58.7)	17.2 (65.1) Std. 20 (75.7) Opt.	High capacity flow is standard to optimize hydraulic operation.
Maximum Pressure PSI (K/sq.cm)	2844 (200)	2756 (194)	2500 (176)	2800 (197)	Highest operating pressure that maximizes hydraulic performance.
Draft Control Type	Top Link	Lower Link	Mechanical	Top Link	
Remote Control Valves Available	1 Std, 2 Opt.	2	Top Link	2 Std, 2 Optional	
Control Type	Two external cylinders	Single cylinder rockshaft	Single cylinder rockshaft	Single cylinder rockshaft	External lift cylinders optimized lift arm control and lift capacities.
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II	
Telescoping Link Ends	Standard	Optional	Standard	Standard	Easier to connect implements
Lift Capacity / Standard	4630 Lbs. (2100 kg) 7055 Lbs. Optional 7055 lbs. standard on 12 speed HD models.	7900 (3583)	3665 (1662) Optional 5097	4200 (1905)	Strong, competitive lift capacity maximizes implement handling.
Dimensions					
Wheelbase 2WD in. (mm)	ROPS 90.0 (2085) CAB 90.0 (2145)	91.1 (2314)	84.3 (2142)	93 (2362)	
Wheelbase 4WD in. (mm)	ROPS 80.7 (2050) CAB 83.1 (2110)		88.0 (2235)		
Height Top of ROPS in. (mm) Top of Cab in. (mm)	98.0 (2490) 101.2 (2570)	108.75 (2762) 103.25 (2623)	97.6(2479) Cab N/A		Adaptable to low ground pressure, or heavier applications.
Turning Radius w/Brake ft. (m)	2wd / 10.9 (3.3) 4wd / 10.9 (3.3)		2wd 14.4 (4.4) 4wd 14.7 (4.48)	2wd 12.0 (366) 4wd 13.25 (4.04)	Increased maneuverability in confined spaces.
Weight ROPS Model lb. (kg)	2wd 5100 (2313) 4wd 5585 (2533) With Cast Rear Disk Add: 575 Lbs	2wd 6834 (3100) 4wd 7496 (3400)	2wd 5963 (2704) 4wd 6691 (3035)	8708 (3950)	
Weight: Cab Model lb. (kg)	2wd 5690 (2581) 4wd 6175 (2801) With Cast Rear Disk Add: 575 Lbs	2wd 7275 (3300) 4wd 7936 (3600)		10110 (4595)	
Tires standard					
Front / 2 wd	7.50-18 Multi-Rib, Bias	7.50-16 Bias	10.00-16 Bias	10.00-16 Bias	
Rear / 2 wd	18.4-30 Bias Ply	18.4-30 Bias	18.4-30 Bias	18.4-34 Bias	
Front / 4 wd	12.4-24 Bias Ply	12.4-24 Bias Ply	12.4-24 Bias Ply	14.9-24 Bias	
Rear / 4 wd	18.4-30 Bias Ply	18.4-30 Bias	18.4-30 Bias	18.4-34 Bias	
Radial Tires Optional	Yes	Yes	No		

This comparison of specifications is based upon the most reliable data obtainable by Kubota at the time of publication. Kubota reserves the right to change specifications without notice. Information in this section has been obtained both from literature published by competitors and from other sources available at the time this material was prepared. It is correct to the best of our knowledge, but due to technological developments, it is subject to change without notice.

