



M9540 Low Profile Special Ag Tractors

Competitive Comparison					
FEATURE	Kubota M9540-1 Low Profile	John Deere 5101ML	Massey Ferguson 2680HD LP	New Holland T4050	Kubota Advantage
Engine Manufacturer	Kubota	John Deere	Perkins	New Holland	Kubota designed and built
Engine	V3800	PowerTech E4045	1104D-44T	NEF	
EPA Emission Level	Tier III	Tier III	Tier III	Tier III	Meets current EPA emission standards
Gross Engine HP hp (kw)	98.7 (73.6) @ 2600	105.0 (78.3) @ 2100	97.0 (72.3) @ 2200	95.0 (70.8) @ 2300	High horsepower to weight ratio
Net Engine HP hp (kw)	95.0 (70.9) @ 2600	IFNA	IFNA	IFNA	
PTO HP (kw) @ Rated RPM	84.0 (59.7) @ 2600	90.0 (67.1) @ 2100	83.0 (61.9) @ 2200	80.0 (59.7) @ 2300	
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged and Intercooled	Wastegate controlled turbocharger increases turbo-boost at low engine RPM's therefore eliminating a common phenomenon known as turbo-lag therefore maximizing power output.
Displacement cu. in. (liters)	230 (3.7)	276 (4.5)	269 (4.4)	274 (4.5)	Smoother running operation
Cylinders	4	4	4	4	
Injection Type	E-CDIS Direct Injection	Direct	Direct	Direct	Center Direct Indjection provides more power, durability and fuel efficiency by placing the injectors directly in the center of the four valves.
Multi-Valve system	Yes (16 Valves)	No	No	No	Maximizes intake air flow volume and speed of existing exhaust gases together increasing fuel economy and power output.
Fuel Tank Capacity gal. (liters)	23.8 (90)	29.0 (110)	26.5 (100)	21.6 (82.0)	
Alternator Amps.	45	40	55	120	80 Amp optional
Muffler	Under Hood Down swept pipe	Under Hood Down swept pipe	Under Hood Horizontal exhaust	Under Hood Vertical exhaust	
Transmission / Drive Train					
Transmission (speed @ rated engine speed)	12F X 12R Hydraulic-Shuttle Speeds mph low range: 1.4, 1.8, 2.4, 3.0, 3.8, 4.5 high range: 5.5, 7.1, 9.3, 11.9, 14.8, 17.9	12F X 4R Speeds IFNA	8F X 8R	12F X 12R Speeds IFNA	Hydraulic shuttle feature is standard equipment, it maximizes overall productivity and simplifies operation. The 12 Speed transmission has two ranges, not three. By providing six speeds in each range enhances travels speed selection with key field speeds in one range progressively increasing MPH in high range.
Left-Hand Shuttle Lever	Yes	No	Yes	Yes	Easy direction change
Fully Synchronized Main Shift	Yes	Yes	Yes	Yes	
Hydraulic Shuttle	Optional	No	Optional	Optional	
Clutch Type	Wet Multi-Plate	Wet (mechanically activated wet clutch)	Dry	Dry w/Synchro-Shuttle Wet w/Hydraulic Shuttle	
Creep Speed (Optional, if Equipped)	Total 18F X 18R Cassette type dealer installed 6 creep speeds 0.22 / 0.28 0.37 / 0.48 / 0.59 and 0.71 mph.	Includes 3 creep speeds, standard total 12F X 4R speeds	Not available	16F x 16R	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later. The creep speed kit provides ideal slow speeds for special applications like planting and vegetable work or snow removal with snow blowers.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Wet Disk	Wet Disc	Wet Disk	Wet Disk	Hydraulic activated, oil supply is from transmission, no brake oil reservoir to maintain.
Differential Controls	Mechanical	Rear	Rear	Rear	
Front Differential	Limited Slip	Limited Slip	Limited Slip	Limited Slip	
Front 4wd Axle	Bevel Pinion	U-Joint design	U-Joint	U-Joint	Hermetically sealed in oil for long life. Constant power at all steering angles, and it is built by Kubota.
Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	
Steering Angle degrees	55	55	50	IFNA	



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PTO System					
Type	Hydraulic Independent	Independent	Independent	Independent	The control lever is ergonomically positioned on the right side for ease of operation and you have the ability to see your implement.
Speeds @ RPM	540 @ 2205 Std. Optional: 540/1000 1000 @2389	540 @ 2100	540 @ 1908	540 @ 2196 Std. 1000 @ IFNA Opt. 540/1000 is Optional	
Engagement Method	Hydraulic Self-Modulating	Elect-Hydraulic	Mechanical	Electro-Hydraulic	User friendly operation with your right hand. Lever force is hardly noticeable during the smooth engagement, and the operator can easily see the implement at the same time.
Clutch type	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Dry	Multi-Plate Wet Clutch	Hydraulic PTO clutch is a "big tractor" feature, the clutch cooled and lubricated with oil for long life. In fact all Kubota M-Series tractors are equipped with a hydraulic PTO clutch.
Hydraulic System					
Type	Open Center	Open Center	Open Center	Open Center	
Main Pump Flow gpm (l/m)	17.0 (64.3)	18.4 (69.9)	14.5 (54.9)	14.5 (55.0)	
Power Steering Flow gpm (l/m)	6.1 (23.1)	6.3 (23.8)	8.0 (30.3)	10.5 (40)	
Total Flow gpm (l/m)	23.1 (87.5)	24.7 (93.6)	22.5 (85.1)	27.1 (103)	
Maximum Pressure PSI (K/sq.cm)	2844 (200)	2900 (204)	IFNA		
Control Type	Position	Position	Position	Position	
Draft Control Type	Top Link	Lower Link	Top Link	Lower Link	
Hydraulic Remote Valves Std(Opt)	1, 2	2, 1	1, 2	1, 2	
Three Point Hitch Type	Cat II	Cat II / I	Cat II	Cat II	
Telescoping Link Ends	Standard	Not available	Optional	Optional	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	4630 (2100)	4498 (2041)	3682 (1670)	6550 (2791)	7055 (3200) Optional Lift capacity when applications require more lift.
Dimensions					
Wheelbase in. (mm)	88.6 (2250)	87.0 (2210)	2wd 90.0 (2286) 4wd 90.0(2286)	2wd 86.7 (2202) 4wd 83.7 (2125)	
Minimum overall width in. (mm)	77.5 (1968)	IFNA	78.5 (1994)	ROPS: IFNA	Rear tread setting at 59.2" (1500mm)
Height Top of ROPS in. (mm)	90.6 (2300) Up 66.4 (1686) Down	101.0 (2565)	101.5 (2578)	ROPS: IFNA	Telescoping ROPS
Turning Radius w/Brake ft. (m)	2wd / 10.8 (3.30) 4wd / 10.5 (3.20)	11.1 13.9 (4.2)	IFNA	IFNA	Exceptional maneuverability is a key feature on Kubota tractors.
Weight ROPS Model lb. (kg)	2wd 5095 (2310) 4wd 5510 (2500)	7300 (3311) 7700 (3493)	2wd 6063 (2750) 4wd 6945 (3150)	2wd N/A 4wd 6614 (3000)	Adaptable to low ground pressure applications or ballasting for heavier applications as required.
Tires, standard					
Front / 2 wd	27.00 X 9.5-15 Bias	11.5L-15	9.5L-15 Bias	10.00-16 Bias	
Rear / 2 wd	16.9-24 R1 Bias	19.5L-24 R4 Bias	18.4-26 Bias	18.4-30 Bias	
Front / 4 wd	9.5-20 R1 Bias	12.5/80-18 R4 Bias	12.5/80-18 Bias	12.4-24 Bias	
Rear / 4 wd	16.9-24 R1 Bias	19.5L-24 R4 Bias	18.4-26 Bias	18.4-30 Bias	