



M96S Mid-Size Ag Tractors

Competitive Comparison						
FEATURE	Kubota M96S Cab 4WD	John Deere 6320	Case IH JX1100U	New Holland TS6020	Kubota Advantage	
Engine Manufacturer	Kubota	John Deere	Case IH	New Holland	Kubota designed and built	
Engine	V3800	PowerTech E	IFNA	IFNA		
EPA Emission Level	Tier II	Tier III	Tier III	Tier III		
Gross Engine HP hp (Kw)	103.6 (77.3)@ 2600	105.0 (78.0) @ 2300	105 (78.3) @ 2300	110 (82.0) @ 2200		
Net Engine HP hp (Kw)	97.7 (72.9)@ 2600	IFNA	IFNA			
PTO HP @ Rated RPM hp (Kw)	84 (62.6) @ 2600	85.0 (63.4) @ 2300	85 (63.4) @ 2500	90.0 (67.1) @ 2200		
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 (3.77)	276 (4.5)	273 (4.5)	274 (4.5)	Dynamically Balanced for smooth running operation.	
Cylinders	4	4	4	4	Center Direct Indjection provides more power, durability and fuel efficiency by placing the injectors directly in the center of the four valves.	
Injection Type	E-CDIS Center Direct Injection	Direct	Direct	Direct	Maximizes intake air flow volume and speed of existing exhaust gases together increasing fuel economy and power output.	
Multi-Valve System	Yes (16 Valves)	No	No	No	80 Amp is optional	
Alternator	60	90	120	120	Higher fuel capacity maximizes operational time in the field.	
Fuel Tank Capacity gal. (liters)	46.2 (175)	43.6 (165)	33.5 (127)	39 (147.6)	Cab Model, the exhaust pipe is located on right side cab corner as standard equipment to maximize visibility.	
Muffler Exhaust Pipe	Under Hood Vertical exhaust	Under Hood Vertical exhaust	Under Hood Vertical exhaust	Under Hood Center of hood	Air conditioning performance relies on a clean condenser, Kubota makes serviceability a priority, it's easy to clean, simply slide out the condenser. Also, the screen is easily removed.	
Cab A/C Serviceability	Slide out A/C Condensor	Fixed position Condensor	Fixed position Condensor	Fixed position Condensor	Advanced transmissions provide more travel speeds to fit the application therefore maximizing productivity.	
Transmission / Drive Train					Standard feature to provide easier operation, and to maximize travel efficiency.	
Transmission	Swing-Shift Plus w/Dual Speed 32F X 32R	SynchroPlus 12F / 4R	12F / 12R	8F X 2R	Superior shuttle direction control and wet main clutch is standard equipment.	
Left-Hand Shuttle Lever	Standard	Only w / Syncro Plus 16F / 16R	No	No	To maximize productivity and durability the wet main clutch is standard equipment.	
Fully Synchronized Main Shift	Yes	Yes	Yes	No	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later.	
Shuttle Shift	Standard Hydraulic Shuttle	No	Yes	Not available	Standard industry feature in this class of tractor.	
Clutch Type/Standard	Wet-Multi Plate	Wet-Multi Plate	Dry Clutch Multi-Plate Wet Clutch (w/24F X 24R Trans.)	Dry Ceremetalic Clutch	Full mechanical lock up of all four wheels for maximum traction control during inclimate conditions.	
Creep Speed / Optional	Cassette Type Easy field installation 48F X 48R	SynchroPlus 12/4 w/optional 9F / 3F Creeper	20F / 12R Creep option	12F x 3R	Hermetically sealed in oil for long life. Constant power at all steering angles, and built by Kubota.	
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	Hydrostatic Power Steering	
Brakes	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydrostatic Power Steering	
Differential Controls	Mechanical Front & Rear	Electrohydraulic (Rear only)	Electrohydraulic Frt/Rear (Optional)	Mechanical Front limited slip, rear mechanical lock	Hydrostatic Power Steering	
Front 4wd Axle	Bevel Pinion	U-Joint	U-Joint	U-Joint	Hydrostatic Power Steering	
Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	



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PTO System					
Type	Hydraulic Independent	Independent	Independent	Independent	Industry standard.
Speeds @ RPM	540 @ 2295 Std. 1000 @ 2389 540/1000 is Optional	540 @ 2208 1000 @ 2208	540 @ 2199 1000 @ 2381	540 @ IFNA 1000 @ IFNA	
Engagement Method	Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	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 Clutch Optional - Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Hydraulic PTO clutch is a "big tractor" feature, the clutch is 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	
Telescoping Link Ends	Standard	Left side standard Right side is Optional	Standard	No	
Main Pump Flow gpm (l/m)	17.2 (65.1)	21.1 (79.9)	16.1 (61.0)	13.0 (49.0)	
Power Steering Flow gpm (l/m)	12.1 (45.8)	6.8 (25.7)	10.4 (39.5)	7.0 (20.0)	Ease of steering, particularly helpful in loader applications.
Flow gpm (l/m)	17.2 (65.0)	17.5 (66.2)	14.5 (55)	20.0 (69.0)	Highest total volume output.
Operating Pressure psi (k/sq.cm)	2844 (200)	2500 (176)	2756 (194)	IFNA	
Control Type	Position	Position	Position	Position	
Draft Control Type	Top Link	Lower Link (Optional)	Lower Link	Top Link	
Hydraulic Remote Valves Std(Opt)	1 Std / 1 or 2 Optional (2 Std/1Opt. - SDSCC)	1 Std / 2 - 4 Optional	2 Std / 3 Optional	2 (0)	
Three Point Hitch Type	Cat II	Cat II	Cat II / Cat I	Cat II	
Telescoping Link Ends	Standard	Not available	Optional	Optional	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	4630 (2100)	5028 (2282)	5745 (2605)	3600 (1633)	Standard lift capacity for general applications.
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	7490 (3400)	N/A	6445 (2923) w/Optional EDC	5400 (2449) 7200 (3266)	Optional high capacity for heavy implements.
Dimensions					
Wheelbase in. (mm)	95.9 (2435)	94.5 (2400)	91.1 (2314)	IFNA	
Height, Top of Cab in. (mm)	99.6 (2530)	104.7 (2659)	102.5 (2604)	109.6 (248)	
Turning R (4wd engaged) ft. (m)	11.8 (3.6) w/brake 15.4 (4.7) w/o brake	12.6 (3.8) w/brake 16.08 (4.9) w/o brake	IFNA	IFNA	Exceptional maneuverability is a key feature on Kubota tractors.
Weight: Cab Model (kg)	8642 (3920)	8987 (4085)	7936 (3600)	7788 (3533)	
Tires, standard					
	Front	12.4-24 Bias	12.4-24 Bias	12.4-24 Bias	14.9-24 Bias
	Rear	18.4 - 30 Bias/Cast	18.4-34 Bias	18.4-30 Bias	18.4-34 Bias



M108S Mid-Size Ag Tractors

Competitive Comparison					
FEATURE	Kubota M108S	John Deere 6110	McCormick Farmall 105U	New Holland TS6030	Kubota Advantage
Engine Manufacturer	Kubota	John Deere	IFNA	New Holland	Kubota designed and built
Engine	V3800	PowerTech E	IFNA	N/A	
EPA Emission Level	Tier III	Tier III	Tier III	Tier III	Meets current EPA emission standards
Gross Engine HP	hp (Kw)	103.6 (77.3)@ 2600	105.0 (78.0) @ 2300	105 (78.3) @ 2300	118 (88.0) @ 2200
Net Engine HP	hp (Kw)	97.7 (72.9)@ 2600	IFNA	IFNA	IFNA
PTO HP @ Rated RPM		96 @ 2600	85.0 (63.4) @ 2300	90.0 (67.1) @ 2300	96.0 (71.6) @ 2200
Aspiration	Turbocharged	Turbocharged	Turbocharged and Intercooled	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)	274 (4.5)	274 (4.5)
Cylinders		4	4	4	4
Injection Type	CRS (Common Rail Electronic) with / E-CDIS Center Direct Injection	Direct	Direct	Direct	Advanced electronic common rail fuel injection combined with CDIS optimizes power output and fuel efficiency.
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.
Alternator		60	90	120	120
Fuel Tank Capacity	gal. (liters)	46.2 (175)	43.6 (165)	33.5 (127)	39 (147.6)
Muffler Exhaust Pipe	Under Hood	Under Hood Side of Hood	RH Cab Corner	Under Hood Center of hood	Higher fuel capacity maximizes operational time in the field.
Cab A/C Serviceability	Slide out Condensor	Fixed position Condensor	Fixed position Condensor	Fixed position Condensor	Cab Model, the exhaust pipe is located on right side cab corner as standard equipment to maximize visibility.
Transmission / Drive Train					
Transmission	SHC/SHDC 16F X 16R SDSC w/Dual Speed 32F X 32R	12F / 4R	12F / 12R Synchro-Shuttle	8F X 2R	Air conditioning performance relies on a clean condenser, Kubota makes serviceability a priority, it's easy to clean, simply slide out the condenser. Also, the screen is easily removed.
Left-Hand Shuttle Lever	Yes (column mount)	No	Yes (floor mount)	No	Advanced transmissions provide more travel speeds to fit the application therefore maximizing productivity.
Fully Synchronized Main Shift	Yes	Yes	Yes	No	Standard feature to provide easier operation, and to maximize travel efficiency.
Hydraulic Shuttle	Standard	Optional with Synchro-Plus	Optional	Not available	Superior shuttle direction control and wet main clutch is standard equipment.
Clutch Type/Standard	Wet-Multi Plate	Wet-Multi Plate	Dry Clutch	Dry Ceremetalic Clutch	To maximize productivity and durability the wet main clutch is standard equipment.
Creep Speed / Optional	Cassette Type Easy field installation 24F X 24R or 48R X 48R	Syncro 12/4 w/9F / 3R Trans.Option	Optional	12F x 3R	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later.
Final Drive Type	Planetary Gears	Planetary Gears	Planetary Gears	Planetary Gears	
Brakes	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Standard industry feature in this class of tractor.
Differential Controls	Mechanical Front & Rear	Electrohydraulic (Rear only)	Electro-Hydraulic Frt/Rear (Optional)	Mechanical Front limited slip, rear mechanical lock	Full mechanical lock up of all four wheels for maximum traction control during inclimate conditions.
Front 4wd Axle	Bevel Pinion with planetary final drive gears.	U-Joint	U-Joint	U-Joint	Hermetically 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	



M108S Mid-Size Ag Tractors

Competitive Comparison					
FEATURE	Kubota M108S	John Deere 6110	McCormick Farmall 105U	New Holland TS6030	Kubota Advantage
PTO System Type	Independent	Independent	Independent	Independent	Industry standard.
Speeds @ RPM	540 @ 2295 Std. 1000 @2389 540/1000 is Optional	540 @ 2208 1000 @ 2208	540 @ 2200 1000 @ 2300	540 @ IFNA 1000 @ IFNA	
Engagement Method	Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	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	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Hydraulic PTO clutch is a "big tractor" feature, the clutch is 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)	17.2 (65.1)	21.1 (79.9)	16.1 (61.0)	13.0 (49.0)	
Power Steering Flow gpm (l/m)	12.1 (45.8)	6.8 (25.7)	10.4 (39.5)	7.0 (20.0)	Ease of steering, particularly helpful in loader applications.
Total Flow gpm (l/m)	29.3 (109.9)	21.1 (79.9)	14.5 (55.0)	20.0 (69.0)	Highest total volume output.
Operating Pressure psi (k/sq.cm)	2844 (200)	2500 (176)	IFNA	IFNA	
Control Type	Position	Position	Position	Position	
Draft Control Type	Top Link	Lower Link (Optional)	Lower Link	Top Link	
Remote Control Valve Std (Opt)	1 (2)	1 (2)	2 (1)	2 (0)	
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II	
Telescoping Link Ends	Standard	Left side standard Right side is Optional	Standard	No	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	4630 (2100)	5028 (2282)	5745(2606)	3600 (1633)	Standard lift capacity for general applications.
Lift Cap. Optional Lbs. (Kg)	7490 (3400)	N/A	6445 (2923) Cab only	5400 (2449) 7200 (3266)	Optional high capacity for heavy implements.
Dimensions					
Wheelbase in. (mm)	2wd / 95.9 (2315) 4wd / 95.9 (2315)	94.5 (2400)	2wd / 92.2 (2342) 4wd / 91.1 (2314)	IFNA	
Height Top of ROPS in. (mm)	105.0 (2670)	104.7 (2659)	104.5 (2654)	109.6 (248)	
Height Top of Cab in. (mm)	106.0 (2680)		102.5 (2604)	IFNA	
Turning Radius w/o Brake ft. (m) (4wd engaged)	2wd / 12.5 (3.8) 4wd / 15.4 (4.7)	2wd / 13.9 (4.24) 4wd / 18.3 (5.58)	IFNA	IFNA	Exceptional maneuverability is a key feature on Kubota tractors.
Weight ROPS Model lb. (kg)	2wd 6349 (2880) 4wd 7981 (3620)	N/A	2wd 6834 (3100) 4wd 7496 (3400)	2wd 6629 (3007) 4wd 7127 (3233)	
Weight Cab Model lb. (kg)	2wd 6945 (3150) 4wd 8576 (3890)	2wd 8580 (3900) 4wd 8987 (4085)	2wd 7275 (3300) 4wd 7936 (3600)	2wd / 7290 (3307) 4wd / 7788 (3533)	
Tires					
Front / 2 wd (SHC Model)	10.00-16 Bias	10.00-16 Bias	11.00-16 Bias	10.00-16 Bias	
Rear / 2 wd (SHC Model)	18.4-34 Bias Ply	18.4-34 Bias	18.4-30 Bias	18.4-34 Bias	Radial tire options available.
Front / 4 wd	13.6-24 Bias	12.4-24 Bias	12.4-24 Bias	14.9-24 Bias	Radial tire options available.
Rear / 4 wd	18.4 - 34 Bias/Cast	18.4-34 Bias	18.4-30 Bias	18.4-34 Bias	Radial tire options available.