M100X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M100X	John Deere 6330	Case IH Maxxum 110 Ltd	New Holland T6020 Delta	Kubota Advantage
Engine Manufacturer	Kubota	John Deere	Case IH	New Holland	Kubota designed and built
Engine	V3800	PowerTech E	IFNA	IFNA	Latest technology with advanced CRS, Common Rail Electronic Fuel system, electronic governor control and multi-valve system.
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	110.0 (82.0)@ 2200	110 (82.0)@ 2200	
Net Engine HP hp (Kw)	97.7 (72.9)@ 2600	IFNA	IFNA	IFNA	
PTO HP @ Rated RPM	85.0 (63.4)@ 2600	85.0 (63.0) @ 2300	90.0 (67.1) @ 2200	90 (67.0) @ 2200	
Aspiration	Turbocharged	Turbocharged and Intercooled	Turbocharged and Aftercooled	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)	
Cylinders	4	4	4	4	
Injection Type	CRS (Common Rail Electronic) with / E-CDIS Center Direct Injection	Direct	Direct	Direct	Sophisicated Center Direct Injection increases fuel combustion 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 Amps	80	90	120	120	
Fuel Tank Capacity gal. (liters)	50.2 (190)	43.6 (165)	46.5 (176)	47.5 (180)	Highest capacity for longer hours of operation.
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Exhaust Pipe location	Right Side cab corner	Option	Right Side cab corner	Right Side cab corner	Improves visibility
Cab Interior dB (A) noise level	73.5 NE Test # 1979	IFNA	IFNA	IFNA	Quiet operation
Cab A/C Serviceability	Slide out A/C Condensor	Fixed postion Condensor	Fixed postion Condensor	Fixed postion Condensor	Air conditioning performance relies on a clean condenser, Kubota makes servicabilty a priority, it's easy to clean, simply slide out the condenser. Also, the screen is easily removed.
Transmission / Drive Train					
Transmission	16F X 16R 8-Speed Dual Range Intelli-Shift with AutoMode (Power shift)	12F X 4R Synchro-Plus	24F X 24R (2 speed PowerShift)	24F X 24R Dual Command	The Intelli-Shift provides advanced electronic shfit control with Auto-Mode, it'll do the shifting for you.
Left-Hand Shuttle Lever	Standard	Optional Syncro Plus 16F / 16R	Yes	Yes	Easier Operation without high cost option.
Fully Synchronized Range Shift	Yes	Yes	Yes	Yes	Shiftable on the go via clutch button on range lever.
Elec-Hydraulic Shuttle	Electro-Hyd.	Optional Synchro-Plus	Electro-Hyd.	Synchro-Shuttle	
Main Clutch Type	Wet-Multi Plate	Wet-Multi Plate	Wet-Multi Plate	Wet-Multi Plate	
Creep Speed / Optional	Cassette Type 24F X 24R	Factory Option	N/A	Factory Option	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Automatic 4WD braking feature when applying brakes from 2WD mode, 4WD energizes to apply 4WD braking action
Differential Controls	Mechanical Front & Rear	Electrohydraulic Front & Rear	Electrohydraulic Frt/Rear (Optional)	Electro-hydraulic Frt/Rear	

M100X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M100X	John Deere 6330	Case IH Maxxum 110 Ltd	New Holland T6020 Delta	Kubota Advantage
Front Axle / 4wd	Bevel Pinion with Bi-Speed Turn (outboard planetary final gears)	U-Joint	U-Joint	U-Joint	Shorter Turning Radius. Provides 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	
PTO System					
Type	Hydrauilc Independent 540/1000	Independent 540/1000	Independent 540/1000	Independent 540/1000	Electro-Hydraulic engagment, self modualating startup.
Speeds @ RPM	540 @ 2205 1000 @ 2389	540 @ 2143 1000 @ 2208	540 @ 1969 1000 @ 2120	540 @ IFNA 1000 @ IFNA	
Engagement Method	Elec- Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	User friendly operation with your right hand. Electric over hydraulic knob control provides 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 cooled and lubricated with oil for long life. In fact all Kubota M-Series tractors are equipped with a hydraulic PTO clutch.
Hydraulic System /Three Point Hitch					
Hydraulic System Type	Open Center	Open Center	Open Center	Open Center	
Three Point Hitch Control	Electronic	Electronic	Standard	Mechanical	
Main Pump Flow gpm (l/m)	18.1 (68.4)	21.1 (79.9)	14.5 (55)	16.6 (63)	
Power Steering Flow gpm (l/m)	4.9 (18.6)	6.8 (25.7)	5.0 (18.9)	10.5 (40)	
Total Flow gpm (l/m)	18.1 (68.4)	21.1 (79.9)	14.5 (55)	27.1 (103)	
Operating Pressure PSI (K/sq.cm)	2915 psi (205)	2900 (204)	2756 (194)	IFNA	
Control Type	Elec-Hyd. Position	Elec-Hyd. Position	Mechanical	Mechanical	
Draft Control Type	Electronic Lower Link	Electronic Lower Link	Mechanical Lower Link	Mechanical Lower Link	
Hydraulic Remote Valves Std(Opt)	2 (2)	2 (2)	2 (1)	2 (1)	
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II	
Telescoping Link Ends	Standard	Not available	Standard	Optional	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	5203 (2360)	5028 (2282)	7509 (3406)	7509 (3406)	
Optional: Lift Capacity Lbs. (Kg)	9447 (4285)	N/A	8813 (3997)	8813 (3998)	Highest lift capacity option.
Dimensions					
Wheelbas in. (mm)	95.9 (2435)	94.5 (2400)	94.9 (2412)	94.9 (2412)	Longer wheel base, better ride, best turning ability without using the brake..
Height, Top of Cab in. (mm)	103.9 (2640)	108 (2742)	112.4 (2855)	112.4 (2856)	
Turning Radius w/o Brake ft. (m)	12.5 (3.8) 4wd w/ Bi-Speed	14.7 (4.5)	13.5 (4.1)	IFNA	Most manuverable tractor in this class with Bi-Speed, it provides the shortest turning radius increasing productivity.
Weight lb. (kg)	8863 (4020)	10009 (4540)	10383 (4710)	10383 (4710)	Max. Field Ready weight 11,887 (5392)
Tires, standard					
Front	12.4R24 Radial	14.9R24 Radial	14.9-24 Bias	14.9R24 Radial	13.6R24 Radial Optional
Rear	18.4R30 Radial	18.4R34 Radial	18.4-38 Bias	18.4R34 Radial	18.4R34 Radial Optional

M110X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M110X	John Deere 6430	Case IH Maxxum 115	New Holland T6030 Plus	Kubota Advantage
Engine Manufacturer	Kubota	John Deere		CNH	Kubota designed and built
Engine	V3800	PowerTech E	N/A	N/A	Latest technology with advanced CRS, Common Rail Electronic Fuel system, electronic governor control and multi-valve system.
EPA Emission Level	Tier III	Tier III	Tier III	Tier III	Meets current EPA emission standards
Gross Engine HP hp (kw)	113.7 (84.8)@ 2600	115.0 (86.0) @ 2300	115.0 (86.0) @ 2200	115 (86.3) @ 2200	
Net Engine HP hp (kw)	107.5 (80.2)@ 2600	IFNA	IFNA	IFNA	
PTO HP @ Rated RPM	95.0 (70.9)@ 2600	95.0 (71.0) @ 2300	95.0 (71.0) @ 2200	95 (71) @ 2200	
Aspiration	Turbocharged	Turbocharged w/aftercooling	Turbocharged	Turbocharged	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)	238 (3.9)	411 (6.7)	
Cylinders	4	4	4	6	
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		Yes (12 valves)	Maximizes intake air flow volume and speed of existing exhaust gases together increasing fuel economy and power output.
Alternator Amps	80	90	80	120	
Fuel Tank Capacity gal. (liters)	50.2 (190)	43.6 (165)	33.5 (127)	66.0 (250)	
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Exhaust Pipe location	Right Side cab corner	Option		Right Side cab corner	
Cab A/C Serviceability	Slide out A/C Condensor	Fixed postion Condensor	Fixed postion Condensor	Fixed postion Condensor	Air conditioning performance relies on a clean condenser, Kubota makes servicabilty a priority, it's easy to clean, simply slide out the condenser. Also, the screen is easily removed.
Transmission / Drive Train					
Transmission	16F X 16R 8-Speed Dual Range Intelli-Shift (Power shift)	12F /4R Synchro-Plus	24Fx12R PowerShift w/ Mech Shuttle	16F X 16R ElectroShift Semi Powershift	The Intelli-Shift provides advanced electronic shfit control with Auto-Mode, it'll do the shifting for you.
Left-Hand Shuttle Lever	Standard	Optional Syncro Plus 16F / 16R	Yes	Yes	Easier Operation without high cost option.
Fully Synchronized Range Shift	Yes	Yes	Yes	Yes	Shiftable on the go via clutch button on range lever.
Hydraulic Shuttle	Standard	Optional Synchro-Plus	Optional Electro-Hyd. 24FX24R only	Yes	
Clutch Type	Wet	Wet	Dry Clutch Multi-Plate Wet Clutch (w/24F X 24R Trans.)	Multi-Plate Wet Clutch	
Creep Speed / Optional	Cassette Type 24F X 24R	Factory Option	Yes	Factory Option	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Automatic 4WD braking feature when applying brakes from 2WD mode, 4WD energizes to apply 4WD braking action
Differential Lock	Mechanical Front & Rear	Electrohydraulic Front & Rear	Electrohydraulic Frt/Rear (Optional)	Electro-hydraulic Frt/Rear	

M110X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M110X	John Deere 6430	Case IH Maxxum 115	New Holland T6030 Plus	Kubota Advantage
Front Axle / 4wd	Bevel Pinion with Bi-Speed Turn (outboard planetary final gears)	U-Joint	U-Joint	U-Joint	Shorter Turning Radius. 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					
Type	Hydrauilc Independent 540/1000	Independent 540/1000	Independent 540/1000	Independent 540/1000	Electro-Hydraulic engagment, self modualating startup.
Speeds @ RPM	540 @ 2205 1000 @ 2389	540 @ 2143 1000 @ 2208	540 @ 2199 1000 @ 2381	540 @ 1970 1000 @ 2120	
Engagement Method	Elec- Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	User friendly operation with your right hand. Electric over hydraulic knob control provides 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 or Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Hydraulic PTO 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 / Three Point Hitch					
Type	Open Center	Open Center	Open Center	Closed Center	
Main Pump Flow gpm (l/m)	18.1 gpm (68.4 l/m)	21.1 (79.9)	14.5 (55)	26.5 (100.3)	
Power Steering Flow gpm (l/m)	4.9 (18.6)	6.8 (25.7)	5.0 (18.9)	10.5 (40)	
Total Flow gpm (l/m)	18.1 gpm (68.4 l/m)	21.1 (79.9)	14.5 (55)	37.0 (140)	
Operating Pressure psi (K/sq.cm)	2915 psi (205)	2900 (204)	2756 (194)	2910	
Control Type	Elec-Hyd. Position	Elec-Hyd. Position	Position	Elec-Hyd. Position	
Draft Control Type	Electronic Lower Link	Electronic Lower Link	Lower Link	Electronic Lower Link	
Hydraulic Remote Valves Std(Opt)	2 (2)	2 (2)	2	2	
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II/Cat III N	
Telescoping Link Ends	Standard	Left side link (Right side optional)	Standard	Optional	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	5203 (2360)	5028 (2282)	7900 (3583)	9285 (4211)	
Optional: Lift Capacity Lbs. (Kg)	9447 (4285)	N/A	N/A	N/A	Highest lift capacity option.
Dimensions					
Wheelbase in. (mm)	95.9 (2435)	94.5 (2400)	91.1 (2314)	104.8 (2661)	
Height, Top of Cab in. (mm)	105.9 (2690)	108 (2742)		114.1 (2898)	
Turning Radius w/o Brake ft. (m)	13.1 (4.0) 4wd w/ Bi-Speed	14.7 (4.5)	2wd / 12.5 (3.8) 4wd / 13.5 (4.1)	IFNA	Most manuverable tractor in this class with Bi-Speed, it provides the shortest turning radius increasing productivity.
Weight lb. (kg)	9050 (4105)	10474 (4750)	7936 (3600)	11,336 (5141)	Field Ready weight 12,264 (5563)
Field Ready Weight Std Tires: lb. (kg)	14405 (6534)	IFNA		IFNA	
Tires, standard					
Front	13.6R24 Radial	14.9R24 Radial	10.00-16 Bias	14.9-28 Radial	12.4R24 Radial Optional
Rear	18.4R34 Radial	18.4R34 Radial	18.4-34 Bias	18.4R38 Radial	18.4R30 Radial Optional

M126X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M126X	John Deere 7130	Case IH Maxxum 115	New Holland T6050 Plus	Kubota Advantage
Engine Manufacturer	Kubota	John Deere		CNH	Kubota designed and built
Engine	V6108	PowerTech E	IFNA	IFNA	Latest technology with advanced CRS, Common Rail Electronic Fuel system, electronic governor control and multi-valve system.
EPA Emission Level	Tier III	Tier III	Tier III	Tier III	Meets current EPA emission standards
Gross Engine HP hp (kw)	131.0 (97.7) @ 2200	131 (98.0) @ 2300	49.5 (36.9)	125 (93.8) @ 2200	
Net Engine HP hp (kw)	125.0 (93.2) @ 2200	N/A	N/A		
PTO HP @ Rated RPM	108.0 (80.6)@ 2600	110 (82) @ 2300	82 (61) @ 2500	105 (67) @ 2200	
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged w/intercooler	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)	374.0 (6.2)	414 (6.8)	238 (3.9)	411 (6.7)	
Cylinders	4	6	4	6	High output, Low RPM, High torque 4-cylinder diesel engine.
Injection Type	CRS (Common Rail Electronic) w/E-CDIS Center Direct Injection	CRS (Common Rail Electronic) Direct Injection	Mechanical Direct	Mechanical Direct	Advanced electronic common rail fuel injection combined with CDIS optimizes power output and fuel efficiency.
Multi-Valve System	Yes (16 Valves)	No	No	Yes (12 valves)	Maximizes intake air flow volume and speed of existing exhaust gases together increasing fuel economy and power output.
Alternator Amps	80	90	80	120	
Fuel Tank Capacity gal. (liters)	50.2 (190)	54.7 (207)	33.5 (127)	60.8 (230)	
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Exhaust Pipe location	Right Side cab corner			Right Side cab corner	Quiet operation
Cab A/C Serviceability	Slide out A/C Condensor	Fixed postion Condensor	Fixed postion Condensor	Fixed postion Condensor	Air conditioning performance relies on a clean condenser, Kubota makes servicabilty a priority, it's easy to clean, simply slide out the condenser. Also, the screen is easily removed.
Transmission / Drive Train					
Transmission	16F X 16R 8-Speed Dual Range Intelli-Shift (Power shift)	SyncShuttle 12F /4R	12x12 with 2-Speed PowerShift (24F X 24R)	16F X 16R ElectroShift Semi Powershift	The Intelli-Shift provides advanced electronic shfit control with Auto-Mode, it'll do the shifting for you.
Left-Hand Shuttle Lever	Standard	Optional	Yes	Yes	Easier operation
Fully Synchronized Range Shift	Yes	Yes	Yes	Yes	Shiftable on the go via clutch button on range lever.
Hydraulic Shuttle	Standard	Optional	Standard	Yes	
Clutch Type	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	
Creep Speed / Optional	Cassette Type 24F X 24R	Factory Option	Factory Option	Factory Option	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Automatic 4WD braking feature when applying brakes from 2WD mode, 4WD energizes to apply 4WD braking action
Differential Lock	Electro-hydraulic front and rear	Electrohydraulic, rear, Limited Slip, front	Electrohydraulic rear	Electro-hydraulic Frt/Rear	Positive Traction Control

M126X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M126X	John Deere 7130	Case IH Maxxum 115	New Holland T6050 Plus	Kubota Advantage
Front Axle / 4wd	Bevel Pinion with Bi-Speed Turn	U-Joint	U-Joint	U-Joint	Shorter Turning Radius. 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					
Type	Hydrauilc Independent 540/1000	Independent 540/1000	Independent 540/1000	Independent 540/1000	Electro-Hydraulic engagment, self modualating startup.
Speeds @ RPM	540 @ 1994 1000 @ 2050			540 @ 1970 1000 @ 2120	
Engagement Method	Elec-Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	User friendly operation with your right hand. Electric over hydraulic knob control provides 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 cooled and lubricated with oil for long life. In fact all Kubota M-Series tractors are equipped with a hydraulic PTO clutch.
Hydraulic System / Three Point Hitch					
Type	Open Center Constant Flow	Open Center Constant Flow	Open Center Constant Flow	Closed Center	
Main Pump Flow gpm (l/m)	20.4 gpm (77.2)	21.1 (79.9)	14.5 (55)	26.5 (100.3)	
Power Steering Flow gpm (l/m)		6.8 (25.7)	5.0 (18.9)	10.5 (40)	
Total Flow gpm (l/m)	18.1 gpm (68.4 l/m)	21.1 (79.9)	14.5 (55)	37.0 (140)	
Operating Pressure psi (K/sq.cm)	2770 psi (195)	2500 (176)	2756 (194)	2910	
Control Type	Elec-Hyd. Position	Elec-Hyd. Position	Position	Elec-Hyd. Position	
Draft Control Type	Electronic Lower Link	Electronic Lower Link	Mechanical Lower Link	Electronic Lower Link	
Hydraulic Remote Valves Std(Opt)	2 (2)	2 (2)	2	2	
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II/Cat III N	
Telescoping Link Ends	Standard	Left side Std (Right side optional)	Standard	Standard	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	5203 (2360)	5915 (2683)	9620 (4364)	12185 (5527)	
Optional: Lift Capacity Lbs. (Kg)	9447 (4285)	N/A	N/A	N/A	
Dimensions					
Wheelbase in. (mm)	2wd / 103.7 (2635) 4wd / 105.9 (2690)	2wd 104.3 (2650) 4wd 104.3 (2650)		104.8 (2661)	Longer wheel base, better ride, best turning ability without using the brake.
Height, Top of Cab in. (mm)	107.3 (2725)	94.8 (2408)		114.1 (2898)	
Turning Radius w/o Brake ft. (m)	2wd / 13.5 (4.1) 4wd / 16.5 (5.0) 4wd Bi-Speed 13.5 (4.1)	2wd / 15.3 (4.65) 4wd / 16.1 (4.90)		IFNA	Most manuverable tractor in this class with Bi-Speed, it provides the shortest turning radius increasing productivity.
Weight lb. (kg)	10,480 (4754)	10,252 (4660)	10,890 (4940)	11,336 (5141)	
Field Ready Weight Std Tires: lb. (kg)	14,405 (6534)	IFNA	INFA	IFNA	Field ready weight calculated is 13,569 (6155). NE Test #1980 for M135X with Optional GY Radials is 14,405 (6534) (same weight as M135X)
Tires, standard					
Front	14.9-24 Bias	12.4-28 Bias	14.9R24 Radial	14.9-28 Radial	420/70R24 optional (i.e. 16.9R24)
Rear	18.4R38 Radial	18.4-38 Bias	18.4R34 Radial	18.4R38 Radial	20.4/70R38 optional

M135X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M135X	John Deere 7230	Case IH Maxxum 130	New Holland T6070 Plus	Kubota Advantage
Engine Manufacturer	Kubota	John Deere		CNH	Kubota designed and built
Engine	V6108	PowerTech E	N/A		Latest technology with advanced CRS, Common Rail Electronic Fuel system, electronic governor control and multi-valve system.
EPA Emission Level	Tier III	Tier III	Tier III	Tier III	Meets current EPA emission standards
Gross Engine HP hp (kw)	141.0 (105.1) @ 2200	131 (98.0) @ 2300	130.0 (98.0) @ 2200	140 (104) @ 2200	
Net Engine HP hp (kw)	135.0 (100.7) @ 2200	N/A	N/A	IFNA	
PTO HP @ Rated RPM	118.0 (88.0)@ 2200	110.0 (82) @ 2300	110.0 (82) @ 2200	120 (89.5) @ 2200	
Aspiration	Turbocharged	Turbocharged w/intercooler	Turbocharged	Turbocharged w/intercooler	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)	374.0 (6.2)	414 (6.8)	238 (3.9)	411 (6.7)	High output, Low RPM, High torque 4-cylinder diesel engine. Refer to Nebraska Test # 1980
Cylinders	4	6	4	6	
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		Yes (12 valves)	Maximizes intake air flow volume and speed of existing exhaust gases together increasing fuel economy and power output.
Alternator Amps	80	90	80	120	
Fuel Tank Capacity gal. (liters)	50.2 (190)	55.0 (207)	33.5 (127)	67.0(254)	
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Exhaust Pipe location	Right Side cab corner	Right Side cab corner		Right Side cab corner	Quiet operation
Cab Interior dB (A) noise level	73 NE Test # 1980				Quiet operation
Cab A/C Serviceability	Slide out A/C Condensor	Fixed postion Condensor	Fixed postion Condensor	Fixed postion Condensor	Air conditioning performance relies on a clean condenser, Kubota makes servicabilty a priority, it's easy to clean, simply slide out the condenser. Also, the screen is easily removed.
Transmission / Drive Train					
Transmission	16F X 16R 8-Speed Dual Range Intelli-Shift(Power shift)	SyncShuttle 12F /4R	12x12 with 2-Speed PowerShift (24F X 24R)	16F X 16R ElectroShift Semi Powershift	The Intelli-Shift provides advanced electronic shfit control with Auto-Mode, it'll do the shifting for you.
Left-Hand Shuttle Lever	Standard	Optional	Yes	Yes	Easier operation
Fully Synchronized Range Shift	Yes	Yes	Yes	Yes	Shiftable on the go via clutch button on range lever.
Hydraulic Shuttle Standard	Yes	No	Yes	Yes	
Clutch Type	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	
Creep Speed / Optional	Cassette Type 24F X 24R	Factory Option	Factory Option	Factory Option	Dealer installed cassette style creep speed kit provides flexibility to the customers applications now or later.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Hydraulic Wet Disk Self Adjusting	Automatic 4WD braking feature when applying brakes from 2WD mode, 4WD energizes to apply 4WD braking action
Differential Lock	Electro-hydraulic front and rear	Electro Hydraulic rear, Limited Slip, front	Electro Hydraulic rear	Electro Hydraulic Frt/Rear	Positive Traction Control

M135X Mid-Size AG Tractors

Competitive Comparison					
FEATURE	Kubota M135X	John Deere 7230	Case IH Maxxum 130	New Holland T6070 Plus	Kubota Advantage
Front Axle / 4wd	Bevel Pinion with Bi-Speed Turn	U-Joint	U-Joint	U-Joint	Shorter Turning Radius. Provides 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					
Type	Hydrauilc Independent 540/1000	Independent 540/1000	Independent 540/1000	Independent 540/1000	Electro-Hydraulic engagment, self modualating startup.
Speeds @ RPM	540 @ 1994 1000 @ 2050	IFNA	IFNA	540 @ 1970 1000 @ 2120	
Engagement Method	Electro-Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	User friendly operation with your right hand. Electric over hydraulic knob control provides 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 cooled and lubricated with oil for long life. In fact all Kubota M-Series tractors are equipped with a hydraulic PTO clutch.
Hydraulic System / Three Point Hitch					
Type	Open Center Constant Flow	Open Center Constant Flow	Open Center Constant Flow	Closed Center	
Main Pump Flow gpm (l/m)	20.4 gpm (77.2)	21.1 (79.9)	14.5 (55)	26.5 (100.3)	
Power Steering Flow gpm (l/m)	4.9 (18.6)	6.8 (25.7)	5.0 (18.9)	10.5 (40)	
Total Flow gpm (l/m)	18.1 gpm (68.4 l/m)	21.1 (79.9)	14.5 (55)	37.0 (140)	
Operating Pressure psi (K/sq.cm)	2915 psi (205)	2500 (176)	2756 (194)	2910	
Control Type	Elec-Hyd. Position	Elec-Hyd. Position	Position	Elec-Hyd. Position	
Draft Control Type	Electronic Lower Link	Electronic Lower Link	Lower Link	Electronic Lower Link	
Hydraulic Remote Valves Std(Opt)	2 (2)	2 (2)	2	2	
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II/Cat III N	
Telescoping Link Ends	Standard	Left side Std (Right side optional)	Standard	Standard	Easy to connect implements
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	5203 (2360)	5100 (2313)	9620 (4364)	12185 (5527)	
Optional: Lift Capacity Lbs. (Kg)	9447 (4285)	N/A	N/A	N/A	
Dimensions					
Wheelbase in. (mm)	105.9 (2690)	104.3 (2650)	IFNA	104.8 (2661)	Longer wheel base, better ride, best turning ability without using the brake..
Height, Top of Cab in. (mm)	107.3 (2725)	94.8 (2408)	IFNA	114.1 (2898)	
Turning Radius w/o Brake ft. (m)	13.8 (4.2) 4wd Bi-Speed	16.1 (4.90)	IFNA	IFNA	Most manuverable tractor in this class with Bi-Speed, it provides the shortest turning radius increasing productivity.
Weight lb. (kg)	10,480 (4754)	10,252 (4660)	10,890 (4940)	11,336 (5141)	
Field Ready Weight Std Tires: lb. (kg)	13,569 (6534)	15,075 (6838)	IFNA	IFNA	Field ready weight calculated is 13,569 (6155). NE Test #1980 with Optional GY Radials weight is 14,405 (6534)
Tires, standard					
Front	14.9R24 Radial	14.9R24 Radial	14.9R24 Radial	14.9-28 Radial	420/70R24 GY optional (i.e. 16.9R24)
Rear	18.4R38 Radial	18.4R38 Radial	18.4R34 Radial	18.4R38 Radial	20.4/70R38 GY optional