

M6-111 Farm Tractor with Factory Cab



COMPETITIVE COMPARISON

FEATURE		Kubota M6 111	JOHN DEERE 6115M	JOHN DEERE 6120E	CASE IH Maxxum 115	NEW HOLLAND T6.145	KUBOTA ADVANTAGE
Engine	Engine Manufacturer	Kubota	John Deere	John Deere	Case IH	CNH	Kubota designed and built
	Engine	V3800	PowerTech E	PowerTech PWL	Case IH FPT	NEF	Latest technology with advanced CRS, Common Rail Electronic Fuel system, electronic governor control and multi-valve system.
	EPA Emission Level	Tier IV Final	Interim Tier IV	Tier IV Final	Tier IV Final	Tier IV Final	Meets current EPA emission standards
	Gross Engine HP	hp (kw) 114.1 @ 2600	119.0 @ 1900	120.0 @ 2200	145.0 @ 2200	145.0 @ 2200	
	Net Engine HP	hp (kw) 106.8 @ 2600	115.0 @ 2100	IFNA	116.0 @ 2200	116.0 @ 2200	
	PTO HP @ Rated RPM	hp (kw) 92.0 @ 2600	95.0 @ 2300	102.0 @ 2100	95.0 @ 2200	95.0 @ 2200	
	Aspiration	Turbocharged w/Air to Air Intercooler	Turbocharged w/aftercooling	Turbocharged Air to Air Aftercooling	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 (3.77)	276 (4.5)	276	274 (4.5)	274 (4.5)	
	Cylinders	4	4	4	4	4	
	Injection Type	CRS (Common Rail Electronic) with / E-CDIS Center Direct Injection	CRS (Common Rail Electronic System) Direct Injection	HPCR	CRS (Common Rail Electronic System) Direct Injection	CRS (Common Rail Electronic System) Direct Injection	Sophisticated Center Direct Injection increases fuel combustion efficiency using a four valve design with the injector in the center of the valves. .
	Multi-Valve system	Yes (16 Valves)	Yes	Yes	Yes	Yes	Maximizes intake air flow volume and speed of existing exhaust gases together increasing fuel economy and power output.
	Alternator Amps	130	90	90	120	120	
	Fuel Tank Capacity	gal. (liters) 50.2 (190)	58 (220)	44.4 (168)	52.2 (198)	52.2 (198)	
	DEF Tank Capacity	gal. (liters) 4.2	N/A	NA	10.3(39.0)	9.7 (36.7)	No DEF equals lower cost of operation.
	Muffler	Under Hood	Under Hood	Under Hood	Right Side Cab Corner	Right Side cab corner	
	Exhaust Pipe location	Right Side cab corner	Right Side Cab Corner	Right Side Cab Corner	Right Side Cab Corner	Right Side cab corner	
Cab A/C Serviceability	Slide out A/C Condensor	Fixed position Condensor	IFNA	IFNA	IFNA	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.	
Air Ride Suspension	Standard	Optional	Optional	Optional	Optional	Standard Air Ride Deluxe Seat with swivel	

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Transmission / Drive Train	Transmission	24F X 24R 8-Speed, Three Range Intelli-Shift (Power shift)	24F X 24R PowrQuad Plus	12F X 12 R PowrReverser	16Fx16R (Semi-PowerShift)	16F X 16R (Semi-PowerShift)	The Intelli-Shift provides advanced electronic shift control with Auto-Mode, it'll do the shifting for you.
	Left-Hand Shuttle Lever	Standard	Standard	Standard	Standard	Standard	Easier Operation without high cost option.
	Fully Synchronized Range Shift	Yes	Yes	No, Partial	Yes	Yes	Shiftable on the go via clutch button on range lever.
	Hydraulic Shuttle Standard	Standard	Standard	Standard	Standard	Standard	
	Clutch Type	Wet	Wet	Wet	Wet	Wet	
	Creep Speed / Optional	Cassette Type 32F X 32R	Factory Option	NA	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	Inboard Planetary	
	Brakes	Hydraulic Wet Disk Self Adjusting	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	Electrohydraulic Front & Rear	Electrohydraulic Front & Rear	Mechanical Rear Electrohydraulic Front	Electrohydraulic Frt/Rear (Optional)	Electrohydraulic Frt/Rear	
	Front Axle / 4wd	Bevel Pinion with Bi-Speed Turn (outboard planetary final gears)	U-Joint	U-Joint	U-Joint	U-Joint	Bi-Speed turn is an exclusive feaure and shortens the turning radius dramatically. 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	Hydrostatic Power Steering		
PTO System	Type	Hydraulic Independent 540/1000	Independent 540/1000	Independent 540/1000	Independent 540/1000	Independent 540/1000	Electro-Hydraulic engagment, self modulating startup.
	Speeds @ RPM	540 @ 2405 1000 @ 2389	540 @ 1932 1000 @ 1932	540 @ 2085 1000 @ 2067	IFNA	IFNA	
	Engagement Method	Electrohydraulic Self-Modulating	Electrohydraulic	Electrohydraulic	Electrohydraulic	Electrohydraulic	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	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.

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Hydraulic System /Three Point Hitch	Hydraulic System Type	Open Center	Open Center	Open Center	Open Center	Open Center		
	Main Pump Flow	gpm (l/m)	18.7 gpm (68.4 l/m)	21.1 (79.9)	20.0 (75.7)	21.1 (80)	21.1 (80)	
	Power Steering Flow	gpm (l/m)	16.1 (61.0)	6.8 (25.7)	IFNA	12.4 (47)	12.4 (47)	
	Total Flow	gpm (l/m)	34.8 gpm (131.9 l/m)	27.9 (79.9)	IFNA	33.5 (127)	33.5(127)	
	Operating Pressure	psi (K/sq. cm)	2844 psi (200)	2900 (204)	IFNA	IFNA	IFNA	
	Control Type		Elec-Hyd. Position	Elec-Hyd. Position	Mechanical		Elec-Hyd. Position	
	Draft Control Type		Electronic Lower Link	Electronic Lower Link	Mechanical	Electronic Lower Link	Electronic Lower Link	
	Hydraulic Remote Valves	Std (Opt)	2 (2)	1(3)	2(3)	2(2)	2 (2)	
	Three Point Hitch Type		Cat II	Cat II	Cat II	Cat II	Cat II	
	Telescoping Link Ends		Standard	Left side link (Right side optional)	Standard	Standard	Standard	Easy to connect implements
	Lift Cap, 24" Behind Lft Pts.	Lbs. (Kg)	6834 (3100)	5154 (2338)	5500 (2500)	6200 (2812)	8338 (3777)	
Optional: Lift Capacity	Lbs. (Kg)	9447 (4285)	6247 (2834)	7300 (3318)	6900 (3130)	10630 (4822)	High lift capacity option.	
Dimensions	Wheelbase	in. (mm)	95.9 (2435)	101.6 (2580)	96.5 (2450)	104 (2642)	104.7 (2661)	
	Height, Top of Cab	in. (mm)	111.8(2840)	108 (2742)	IFNA	IFNA	IFNA	
	Turning Radius w/o Brake	ft. (m)	13.1 (4.0) 4wd w/ Bi-Speed	14.7 (4.5)	IFNA	IFNA	IFNA	Most maneuverable tractor in this class with Bi-Speed, it provides the shortest turning radius increasing productivity.
	Weight	lb. (kg)	9788 (4440)	11486 (5210)	IFNA	11300 (5125)	10,781 (4890)	Field Ready weight 12,264 (5563)
	Field Ready Weight Std Tires	lb. (kg)	14405 (6534)	IFNA	IFNA	IFNA	IFNA	
Tires, standard	Front		13.6R24 Radial	14.9R24 Radial	380/85R24 Radial	14.9R28 Radial	14.9R28 Radial	12.4R24 Radial Optional
	Rear		18.4R34 Radial	18.4R34 Radial	460/85R38 Radial	18.4R38 Radial	18.4R38 Radial	18.4R30 Radial Optional

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