

# M6-101 Farm Tractor with Factory Cab



## COMPETITIVE COMPARISON

FEATURE		Kubota M6 101	JOHN DEERE 6105M	JOHN DEERE 6105E	CASE IH Farmall 110A	NEW HOLLAND TS6.110	KUBOTA ADVANTAGE	
Engine	Engine Manufacturer	Kubota	John Deere	John Deere	Case IH	New Holland	Kubota designed and built	
	Engine	V3800	PowerTech PVX	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)	104.5 @ 2600	109.0 @ 1900	105.0 @ 2200	110.0 @ 2200	110.0 @ 2200	
	Net Engine HP	hp (kw)	97.1 @ 2600	105.0 @ 2100	IFNA	IFNA	IFNA	
	PTO HP @ Rated RPM	hp (kw)	82.0 @ 2600	86.0 @ 2100	87.0 @ 2100	90.0 @ 2200	90.0 @ 2200	
	Aspiration	Turbocharged w/Air to Air Intercooler	Turbocharged and Intercooled	Turbocharged w/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)	275 (4.5)	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 Electronic	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	IFNA	120	120	
	Fuel Tank Capacity	gal. (liters)	50.2 (190)	58 (220)	44.4 (168)	56.8 (215)	56.8 (175)	Highest capacity for longer hours of operation.
	DEF Tank Capacity	gal. (liters)	4.2 (16.0)	N/A	N/A	7.9 (30.0)	7.9 (37)	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	Improves visibility	
	Cab A/C Serviceability	Slide out A/C Condensor	Fixed Position Condensor	Fixed Position Condensor	Fixed Position Condensor	Fixed Position Condensor	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 Top Shaft Synchronized	8F X 8R Hydraulic Power Shuttle	8F X 8R Hydraulic Power Shuttle	The Intelli-Shift provides advanced electronic shift control with Auto-Mode, it'll do the shifting for you.
	Left-Hand Shuttle Lever	Standard	Optional 16F / 16R PowrQuad Plus	Yes	Yes	Yes	Easier Operation without high cost option.
	Fully Synchronized Range Shift	Yes	Yes	No	No	No	Shiftable on the go via clutch button on range lever.
	Hydraulic Shuttle Standard	Electro-Hyd.	Electro-Hyd.	PowrReverser	Hydraulic-Shuttle.	Hydraulic-Shuttle	
	Clutch Type	Wet-Multi Plate	Wet-Multi Plate	Wet-Multi Plate	Wet-Multi Plate	Wet-Multi Plate	
	Creep Speed / Optional	Cassette Type 32F X 32R	Factory Option	IFNA	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	Hydraulic Wet Disk	Hydraulic Wet Disk	Automatic 4WD braking feature when applying brakes from 2WD mode, 4WD energizes to apply 4WD braking action
	Differential Controls	Electro-hydraulic Front & Rear	Electrohydraulic Front & Rear	Electrohydraulic Front/Mechanical Rear	Mechanical	Mechanical	
	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 feature 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 540/100	Independent 540/1000	Independent 540/1000	Electro-Hydraulic engagement, self modulating startup.
	Speeds @ RPM	540 @ 2405 1000 @ 2389	540 @ 1932 1000 @ 1932	540 @ 2085 1000 @ 2067	540 @ 1969 1000 @ 2120	540 @ 1969 1000 @ 1924	
	Engagement Method	Electro-Hydraulic Self-Modulating	Electro-Hydraulic	Electro-Hydraulic	Mechanical	Mechanical	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	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		
	Three Point Hitch Control	Electronic	Electronic	Mechanical	Mechanical	Mechanical		
	Main Pump Flow	gpm (l/m)	18.7 (70.9)	21.1 (79.9)	20 (75.5)	22.0 (80)	13.0 (49)	
	Power Steering Flow	gpm (l/m)	16.1 (61.0)	6.8 (25.7)		11.0 (18.9)	7.0 (26.5)	
	Total Flow	gpm (l/m)	34.8 (131.9)	21.1 (79.9)		33.0 (70)	20 (75.5)	
	Operating Pressure	psi (K/sq. cm)	2844 psi (200)	2900 (204)	IFNA	IFNA	IFNA	
	Control Type		Elec-Hyd. Position	Elec-Hyd. Position	Mechanical	Mechanical	Mechanical	
	Draft Control Type		Electronic Lower Link	Electronic Lower Link	IFNA	Top Link Sensing	Top Link Sensing	
	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	Not available	Standard	Standard	Standard	Easy to connect implements
	Lift Cap, 24" Behind Lft Pts.	Lbs. (Kg)	6834 (3100)	4488 (2035)	5500 (2500)	7200 (3266)	3735 (1694)	
	Optional: Lift Capacity	Lbs. (Kg)	9447 (4285)	5864 (2660)	7300 (3318)	5400 (2499)	7326 (3323)	High lift capacity option.
Dimensions	Wheelbase	in. (mm)	95.9 (2435)	101.6 (2580)	96.5 (2450)	96.5 (2450)	99.2 (2520)	Longer wheel base, better ride, best turning ability without using the brake..
	Height, Top of Cab	in. (mm)	109.8 (2790)	108 (2742)	IFNA	110 (2800)	110.0 (2800)	
	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)	9601 (4355)	10009 (4540)	IFNA	10445 (4738)	10445 (4738)	Max. Field Ready weight 11,887 (5392)
Tires	Front		12.4R24 Radial	14.9R24 Radial	380/85R/24 Radial	14.9x24, 6 ply Bias	14.9x24, 6 ply Bias	13.6R24 Radial Optional
	Rear		18.4R30 Radial	18.4R34 Radial	460/85R/38 Radial	18.4x34, 8 ply Bias	18.4x34, 8 ply Bias	18.4R34 Radial Optional

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