



COMPETITIVE COMPARISON

	FEATURES	Kubota MX4800	John Deere 5045 E & D	Massey Ferguson 1648	New Holland WorkMaster 45	KUBOTA ADVANTAGE
Engine	Engine Manufacturer	Kubota	John Deere	Iseki	New Holland	Designed and built by Kubota
	Engine	V2403CR	PowerTech 3029	Iseki	IFNA	
	EPA Emission Level	Tier 4 Final	Tier II	Interim Tier IV	Tier III	Meets latest EPA emission standards
	Gross Engine HP hp (kw)	49.3 (36.8) @ 2700	45.0 (33.1) @ 2400	47.1 (35.1)	45 (33.5) @ 2700	
	Net Engine HP hp (kw)	F/DT 45.9 (35.0) @ 2700 HST 46.3 (32.5) @ 2700	N/A	N/A	N/A	To provide a clear data of the horsepower output, Kubota also provides the Net horsepower specifications, or flywheel horsepower.
	PTO HP @ Rated RPM hp (kw)	F/DT 40.5 (30.2) @ 2700 HST 39.0 (29.1) @ 2700	37.0 (27.3) @ 2400	Gear 38.0 (28.3) @ 2600 HST 36.5 (27.2) @ 2600	39 (29) @ 2700	High horsepower to weight ratio. Highest horsepower with HST transmission in an economy model.
	Aspiration	Naturally Aspirated	Turbocharged	Naturally Aspirated	Turbocharged	
	Displacement cu. in. (liters)	148.5 (2.4)	179 (2.9)	134.1 (2.2)	135 (2.2)	
	Injection Type	CRS, Direct Injection	Direct	Indirect	Direct	
	Cylinders	4	3	4	4	Dynamically balanced for smooth operation.
	Alternator Amps	45	40	IFNA	40	Higher rate of battery charge
	Muffler / Exhaust Pipe	Under Hood Muffler Lower left front exhaust	Under hood muffler Vertical pipe	Under Hood Muffler Lower left front exhaust	Under hood muffler Vertical pipe	Clear field of view No exhaust pipe to look through.
Fuel Tank	Fuel Tank Capacity gal. (liters)	13.5 (51.0)	18.0 (68.0)	13.2 (50.0)	13.5 (51)	
Transmission	Transmission	F/DT: 8F X 8R Synchro-Shuttle or HST 3-Range	9F X 3R Collar Shift	8F X 8R Synchro-Shuttle or HST 3-Range	8F X 8R Constant Mesh	Increased travel and direction change efficiency with true shuttle transmission or infinitely variable HST operation.
	HST Cruise Control	Standard	HST N/A	Mechanical	HST N/A	
	Left-Hand Shuttle Lever	F/ DT: Standard	N/A	Yes	Yes	Left hand shuttle allows right hand use of loader joystick control.
	Clutch Type	F/ DT: Dry	Dry	Dry	Dry	
	Brakes	Wet Disc	Hydraulic Wet Disc	Wet Disc	Wet Disc	Brakes are mounted on the left side on the HST models.



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Axles Steering	Differential Lock	Mechanical	Mechanical	Mechanical	Mechanical	
	Front 4wd Axle	Bevel Pinion	U-Joint	Bevel Pinion	U-Joint	Sealed in hydraulic 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	
PTO	Type	Independent	Independent	Live	Independent	
	Speeds @ RPM	540 @ 2700	540 @ 2400	540 @ IFNA rpm	540 @ IFNA	
	Engagement Method	Electro-Hydraulic Self-Modulating	Mechanical	Elec-Hydraulic	Mechanical	User friendly operation with your right hand. Push and turn to engage, and push to shut off. Being right hand operation, the operator can easily see the implement at the same time.
	Clutch type	Hydraulic Wet Clutch	Dry Clutch	Hydraulic Wet Clutch	Dry 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 Three Point Hitch	Type	Open Center	Open Center	Open Center	Open Center	
	Main Pump Flow gpm (l/m)	9.5 (35.8)	D = 10.9 (41.4) E = 11.4 (43.1)	11.6 (43.9)	11.6 (44.0)	
	Power Steering Flow gpm (l/m)	4.9 (18.6)	6.8 (25.7)	4.9 (18.6) HST 6.0 (22.7)	5.3 (20.1)	
	Total Flow GPM psi (l/m)	14.4 (54.4)	D = 17.4 (66.0) E = 18.2 (68.8)	16.5 (62.3) HST 17.6 (66.5)	16.9 (64.1)	
	Main Pump Pressure psi (K/sq.cm)	2560 (180)	2828 (199)	IFNA	N/A	
	Control Type	Position	Position	Position	Position	
	Draft Control Type	Optional	Standard	Not Available	Not available	
	Draft Control Sensing	Top Link	Top Link		N/A	
	Hydraulic Remote Valves	1, 2 or 3 Optional	1 or 2 optional	1 - 3 Optional	1 Std / 1 Optional	Up to 3 remotes available
	Three Point Hitch Type	Cat II / I	Cat II / I	Cat I	Cat II / I	
Telescoping Link Ends	Optional	Optional	N/A	N/A	The Telescoping lower-link end kit with stabilizers is optional for all three MX4800 models.	
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	2310 (1050)	3192 (1447)	IFNA	1830 (830)		

Kubota Tractor
MX4800



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Dimensions Weight	Wheelbase in. (mm)	74.6 (1895)	D 2WD 76.8 (1950) 4WD 80.7 (2050)	74.8 (1900)	N/A	
	Height (top of ROPS) in. (mm)	95.7 (2430)	93.9 (2386)	91.7 (2329)	93.9 (2386)	
	Turning Radius w/o Brake ft. (m) 4wd engaged / no brake	2wd / 8.5 (2.6) 4wd / 8.9 (2.7)	(D) 2WD 10.9 (3.0) (E) 4wd 11.6 (3.44)	2WD N/A 4WD 9.5 (2896)	N/A	Short turning radius increases maneuverability maximizing productivity.
	Weight lb. (kg)	F 2wd 3469 (1574) DT 4wd 3712 (1684) HST 4WD 3729 (1692)	D 2WD 4189 (1900) E 4WD 5070 (2300)	2wd N/A 4wd 3759 (1705)	2WD 3527 (1600) 4WD 3836 (1740)	Adaptable to low ground pressure, or ballast for heavy applications.
Tires	Front / 2 wd	7.50L - 15 Bias	7.50 - 16 Bias	N/A	6.00 - 16 Bias	
	Rear / 2 wd	14.9 - 26 R1 Bias	13.6 - 28 Bias	N/A	12.4 - 28 Bias	
	Front / 4 wd	9.5 - 16 R1 Bias	8.3-24 Bias	9.5-16 R1 Bias	8.3 - 24 Bias	
	Rear / 4 wd	14.9 - 26 R1 Bias	13.6-28 Bias	13.6-28 R1 Bias	13.6 - 28 Bias	14.9 inch wide rear tires

N/A = Not Available
N/P = Not Published

This comparison of specifications is based upon the most reliable information obtained by Kubota at the time of publication. It is correct to the best of our knowledge. Kubota reserves the right to change the specifications relating to its products without notice.