



M Utility/Ag Tractors
MX5000



COMPETITIVE COMPARISON

FEATURE	KUBOTA MX5000	JOHN DEERE 5203	MAHINDRA 4500	NEW HOLLAND TT55	KUBOTA ADVANTAGE
Engine Manufacturer	Kubota	John Deere	Mahindra	New Holland	Kubota designed and built
PTO HP @ Rated RPM hp (kw)	44 (32.8)@ 2700	42.0 (31.3) @ 2400	35 (26.0)	42 (31) @ 2500	High horsepower to weight ratio
Displacement cu. in. (liters)	148.5 (2.4)	179 (2.9)	146 (2.39)	165 (2.7)	
Injection Type	E-TVCS / Indirect	Direct	Direct	Direct	Smoother running operation
Cylinders	4	3	3	3	Dynamically balanced
Fuel Tank Capacity gal. (liters)	13.2 (50.0)	19 (72)		23.5 (89)	
Alternator Amps	40	40	36		
Muffler / Exhaust Pipe	Under Hood Muffler Lower left front exhaust	Under hood muffler Vertical pipe	Vertical muffler Vertical pipe	Under hood Vertical pipe	Clear field of view No exhaust pipe to look through.
Transmission / Drive Train					
Transmission	8F X 4R Partially Synchronized	9F X 3R Collar Shift	8F x 2R Partially Synchronized	8F X 2R Constant Mesh	Increased travel and direction change efficiency.
Left-Hand Shuttle Lever	Standard	N/A	No	No	Easy left hand operation
Clutch Type	Dry	Dry	Dry	Dry	
Brakes	Wet Disc	Hydraulic Wet Disc	Enclosed Dry Disc	Wet Disc	Big advantage over Mahindra
Differential Lock	Mechanical	Mechanical	Mechanical	Mechanical	
Front 4wd Axle	Bevel Pinion	U-Joint	U-Joint	U-Joint	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					
Standard	Independent	Independent	Live	Independent	Big advantage over Mahindra
Speeds @ RPM	540 @ 2700	540 @ 2400	540 @ 2060 rpm	540 @ IFNA	
Engagement Method	Hydraulic Self-Modulating	Mechanical	Mechanical	Mechanical	Deluxe feature in a basic tractor, cooled and lubricated in oil for long life.
Clutch type	Hydraulic Self-Modulating	Dry Clutch	Dry Clutch	Dry Clutch	Engagement is smooth, and is easily controlled by the right hand, not your left hand, it's very user friendly.
Hydraulic System Three Point Hitch					
Type	Open Center	Open Center	Open Center	Open Center	

Flow gpm/gallons per minute (l/m)	9.2 gpm (34.8)	11.4 (43.1)	11.0 (41.6)	8.6 (32.5)	
Operating Pressure psi (K/sq.cm)	2560 (180)	2828 (199)			
Draft Control Type	Optional	Standard	Standard	Standard	
Draft Control Sensing	Top Link	Top Link	Top Link	Top Link	
Remote Hydraulic Valves	1, 2 or 3 optional	1 or 2 optional	1 Std.	1 Std / 2 Optional	Increased adaptability
Three Point Hitch Type	Cat II / I	Cat II / I	Cat II / 1	Cat II	
Telescoping Link Ends	Standard	Optional	N/A	Optional	Easier implement hookup
Lift Capacity, 24" Behind Lift Pts.	2315 Lbs. (1050 kg)	3050 (1383)	3968 (1800) (@lift points)	2954 (1340)	
Dimensions					
Wheelbase in. (mm)	2wd 73.8 (1870) 4wd 74.6 (1895)	80.7 (2050)			
Height top of ROPS in. (mm)	93.1 (2365)	94.8 (2408)			
Turning Radius w/o Brake in. (m) 4wd engaged / no brake	2wd / 8.5 (2.6) 4wd / 12.1 (3.1)	2wd 11.3 (3.44) 4wd NA	2wd / 10.6 (3.23) 4wd / 11.3 (3.45)		Increased maneuverability
Weight lb. (kg)	2wd 3285 (1490) 4wd 3560 (1615)	4498 (2040) N/A	2wd 4,752 (2155) 4wd 5742 (2604)	4895 (2220)	Adaptable to low ground pressure, or heavier applications as required.
Tires standard					
Front / 2 wd	7.50L - 15 Bias	7.50 - 16 Bias	6.00 - 16 Bias	7.50 - 16 Bias	
Rear / 2 wd	14.9 - 26 R1 Bias	14.9 - 28 Bias	13.6-28 R1 Bias	14.9 - 24 Bias	
Front / 4 wd	9.5 - 16 R1 Bias	N/A	8.3-24 R1 Bias	8.3 - 24 Bias	
Rear / 4 wd	14.9 - 26 R1 Bias	N/A	13.6-28 R1 Bias	14.9 - 24 Bias	



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