


COMPETITIVE COMPARISON

FEATURE	KUBOTA M4800	JOHN DEERE 5105	MASSEY FERGUSON 451	NEW HOLLAND TT55	KUBOTA ADVANTAGE
Engine Manufacturer	Kubota	John Deere	Perkins	New Holland	Kubota designed and built
PTO HP @ Rated RPM	43 (46.3w)@ 2700	40.0 (30.0) @ 2300	45 (33.5) @ 2200	42 (31) @ 2500	
Displacement, cu. in. (liters)	148.5 (2.4)	179 (2.9)	164 (2.7)	165 (2.7)	
Injection Type	E-TVCS / Indirect	Direct	Direct	Direct	Smoother running operation
Cylinders	4	3	3	3	Dynamically balance
Fuel Tank Capacity gal. (liters)	14.5 (55.0)	22.4 (84.8)	15.3 (58.0)	23.5 (89)	
Alternator Amps	40	40	35		
Muffler / Exhaust Pipe	Under Hood Muffler Lower left front exhaust pipe	Under Hood Muffler Vertical exhaust pipe	Vertical muffler Vertical Exhaust Pipe	Under Hood Muffler Vertical Exhaust Pipe	Clear field of view, no pipe to look through.
Transmission / Drive Train					
Transmission	8F X 4R	8F X 4R	8F x 2R	8F X 2R	
Left-Hand Shuttle Lever	Yes	Yes	No	No	Increased efficiency, particularly in loader applications.
Partially Synchronized Main Shift	Yes	No	No	No	Optimizes travel efficiency
Clutch Type	Dry	Dry	Dry	Dry	
Creep Speed / Optional	12F X 4R Creeper	NA	Factory Option	No	Dealer installed as needed.
Final Drive Type	Inboard Planetary	Inboard Planetary	Outboard Planetary	Bull Gear	
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	
Differential Lock(s)	Mechanical	Mechanical	Rear	Yes	
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 @ 2295	540 @ 2300	540 @ 1908	540 @ IFNA	
Engagement Method	Hydraulic Self-Modulating	Mechanical	Mechanical	Mechanical	Big tractor feature, cooled and lubricated by oil.
Clutch type	Multi-Plate Wet Clutch	Dry Clutch	Dry Clutch	Dry	Increased durability and longer life.
Hydraulic System / Three Point Hitch					




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Type	Open Center Constant Flow	Open Center	Open Center	Gear Open Center	
Flow gpm/gallons per minute (l/m)	11.0 gpm (41.6 l/m)	11.4 (43.1)	9.5 (36)	8.6 (32.5)	
Operating Pressure PSI (K/sq.cm)	2770 (41.6)	2828 (195)	2500 (178.5)		
Draft Control Type	Optional	Mechanical	Mechanical	Mechanical	Increased adaptability as required.
Draft Control Sensing	Top Link	Top Link	Top Link	Top Link	
Remote Hydraulic Valves	1 or 2 optional	2	2	1 Std / 3 Optional	
Three Point Hitch Type	Cat II / I	Cat II / I	Cat II / I	Cat II	
Telescoping Link Ends	Optional	Optional	Optional	Standard	Easier implement hookup
Lift Capacity, 24" Behind Lift Pts.	3310 Lbs. (1500 kg)	3050 (1383)	3748 (1700) Note: At Link Ends	2954 (1340)	Best in class
Dimensions					
Wheelbase in. (mm)	78.7 (2000)	76.8 (1950)	2wd 78.3 (1990) 4wd 78.7 (2000)		
Height top of ROPS in. (mm)	92.9 (2360)	90.4 (2300)	96.7 (2457)		
Turning Radius w/o Brake in. (mm) 4wd engaged / no brake	2wd / 11.2 (3.4) 4wd / 12.1 (3.7)	2wd 10.8 (3.3) 4wd 10.9 (3.3)	2wd / 11.5 (3.5) 4wd / 14.7 (4.5)		
Weight lb. (kg)	2wd 3747 (1700) 4wd 3858 (1750)	2wd 3850 (1746) 4wd 4275 (1939)	2wd 4,738 (2149) 4wd 5,238 (2376)	2wd 4895 (2220) 4wd 5670 (2481)	Adaptable to low ground pressure, or heavier applications.
Tires standard					
Front / 2 wd	6.50-16 Bias	7.50-16 Bias	6.00-16 - 16 Bias	7.50 - 16 Bias	
Rear / 2 wd	14.9-28 Bias	14.9-28 Bias	14.9 - 24 Bias	14.9 - 28 Bias	
Front / 4 wd	8.3-24 Bias	8.3-24 Bias	12.5/80-24 Bias	9.5 - 24 Bias	
Rear / 4 wd	14.9-28 Bias	14.9-28 Bias	14.9-24 Bias	14.9 - 28 Bias	