

Utility/Ag Tractors

M5040/M6040/M7040



COMPARISON

FEATURE	KUBOTA M5040	JOHN DEERE 5203	CASE IH JX55	NEW HOLLAND TN60A	KUBOTA ADVANTAGE
Engine Manufacturer	Kubota	John Deere		New Holland TN-A	Kubota designed and built
PTO HP @ Rated RPM	45.0 (33.6kw)@ 2600	44.0 (28.6) @ 2400	42 (31.3) @ 2500	45.0 (33.6) @ 2300	
Displacement cu. in. (liters)	186 (3.0)	179 (2.9)	165 (2.7)	179 (2.9)	
Cylinders	4	3	3	3	Smoother running operation
Injection Type	E-CDIS / Emission Center Direct Injection	Direct	Direct	Direct	Fast starting, smooth and quiet operation.
Fuel Tank Capacity gal. (liters)	18.5 (70.0) ROPS 29.1 (110) CAB	19 (72)	24.3 (92)	23.0 (87)	
Alternator Amps	45 ROPS 60 CAB	40 ROPS CAB N/A	45 ROPS 65 CAB	65 ROPS 85 CAB	
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Transmission / Drive Train					
Transmission	8F X 8R	9F X 3R	12F x12R	8F X 8R	
Left-Hand Shuttle Lever	Standard	No	Yes	Yes	Increased efficiency over Deere.
Fully Synchronized Main Shift	Yes	No	Yes	No	Easier operation, increased efficiency over Deere.
Clutch Type	Dry, Synchro-Shuttle Wet, Hyd. Shuttle	Dry	Dry	Dry	
Creep Speed / Optional	Cassette Type 12F X 12R	N/A	20F X 12R	N/A	Field installed option
Final Drive Type	Inboard Planetary	Inboard Planetary	Bull Gear	Inboard Planetary	
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	
Differential Lock	Yes	Yes	Yes	Yes	
Front 4wd Axle	Bevel Pinion 55 degree steering angle	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	

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COMPARISON

FEATURE	KUBOTA M5040	JOHN DEERE 5203	CASE IH JX55	NEW HOLLAND TN60A	KUBOTA ADVANTAGE
PTO System					
Standard	Independent	Independent	Independent	Independent	Big advantage over Mahindra
Speeds @ RPM	540 @ 2160	540@2400	540 @ 2199	540 @ 2000	
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 Clutch	Increased durability and longer life.
Hydraulic System / 3-Point Hitch					
Type	Open Center	Open Center	Open Center	Open Center	
Flow gpm/gallons per minute (l/m)	11.0 gpm (41.6 l/m)	11.4 (43.1)	11.8 (44.7)	12.4 (47.0)	
Operating Pressure psi (K/sq.cm)	2770 (195.0)	2828 (195)	2755 (190.0)	2755	
Draft Control	Standard	Standard	Standard	Standard	
Draft Control Sensing	Top Link	Top Link	Top Link	Lower Link	
Remote Hydraulic Valves	1, 2 Opt.	1, 3 Opt	1	1	
Control Type	Two external cylinders	Single cylinder rockshaft	Single cylinder rockshaft	Single cylinder rockshaft	
Three Point Hitch Type	Cat II / I	Cat II / I	Cat II	Cat II / I	
Telescoping Link Ends	Standard	NA	N/A	No	Easier to hookup implements
Lift Capacity, 24" Behind Lift Pts.	3307 Lbs. (1500 kg)	3050 (1383)	6615 (3000)	3960 (1800)	
Dimensions					
Wheelbase 2WD in. (mm)	ROPS 82.1 (2085) CAB 84.4 (2145)	80.7 (2050)	91.1 (2314)	2wd 83.9 (2131)	
Wheelbase 4WD in. (mm)	ROPS 80.7 (2050) CAB 83.1 (2110)	80.7 (2050)	91.1 (2314)	4wd 81.3 (2065)	
Height, Top of ROPS in. (mm)	95.3 (2420)	94.8 (2408)	97.5 (2477)	95.1 (2416)	
Top of Cab in. (mm)	98.2 (2495)	Cab Model N/A	100.5 (2553)	N/A	
Turning Radius w / Brake ft. (m)	2wd / 10.2 (3.1) 4wd / 9.5 (2.9)	2wd 11.3 (3.4) 4wd N/A		2wd 11.8 (3.6) 4wd 12.4 (3.8)	
Weight ROPS Model lb. (kg)	2wd 3748 (1700) 4wd 3968 (1800)	4498 (2040) 4wd N/A	2wd 5,702 (2586) 4wd 6254 (2837)	2wd 5180 (2350) 4wd 5940 (2694)	Adaptable to low ground pressure applications or ballasting for heavier applications as required.

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COMPARISON

FEATURE	KUBOTA M5040	JOHN DEERE 5203	CASE IH JX55	NEW HOLLAND TN60A	KUBOTA ADVANTAGE
Dimensions Cont.					
Weight: Cab Model lb. (kg)	2wd 4333 (1965) 4wd 4553 (2065)	N/A N/A	2wd 5,702 (2586) 4wd 6254 (2837)	N/A N/A	Adaptable to low ground pressure applications or ballasting for heavier applications as required.
Tires standard					
Front / 2 wd	6.50-16 Bias	7.50 - 16 Bias	7.50 - 16 Bias	7.50-16 Bias	
Rear / 2 wd	14.9-28 Bias	14.9 - 28 Bias	14.9-28 Bias	14.9 - 28 Bias	
Front / 4 wd	9.5-24 Bias	NA	8.3-24 Bias	8.3 - 24 Bias	
Rear / 4 wd	14.9-28 Bias	NA	14.9-28 Bias	14.9 - 28 Bias	

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COMPARISON

FEATURE	KUBOTA M6040	JOHN DEERE 5325	CASE IH JX65	NEW HOLLAND TN70A	KUBOTA ADVANTAGE
Engine Manufacturer	Kubota	John Deere	Case IH	New Holland	Kubota designed and built
PTO HP @ Rated RPM	55 (41.0kw) @ 2600	55 (41.0) @ 2400	50 (37.3) @2500	57 (42.5) @ 2300	
Aspiration	Naturally Aspirated	Turbocharged	Naturally Aspirated	Turbocharged	
Displacement cu. in. (liters)	203 (3.3)	183 (3.0)	179 (2.9)	179 (2.9)	
Cylinders	4	5	3	3	Smoother running operation
Injection Type	E-CDIS / Emission Center Direct Injection	Direct	Direct	Direct	
Fuel Tank Capacity gal. (liters)	18.5 (70.0) ROPS 29.1 (110) CAB	25.5 (96.5) ROPS 33.5 (126.8) CAB	24.3 (92)	23.0 (87)	
Alternator Amps	45 ROPS 60 Cab	70 ROPS 90 Cab	45 ROPS 65 Cab	65 ROPS 85 Cab	
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Transmission / Drive Train					
Transmission	8F X 8R	9F X 3R	12F x12R	8F X 8R	
Left-Hand Shuttle Lever	Standard	No	Yes	Yes	Increased efficiency over Deere
Fully Synchronized Main Shift	Yes	Optional	Yes	No	Easier operation
Clutch Type	Dry, Synchro-Shuttle Wet, Hyd. Shuttle	Dry	Dry	Dry	
Creep Speed / Optional	Cassette Type 12F X 12R	Optional	N/A	No	Dealer installed as required.
Final Drive Type	Inboard Planetary	Inboard Planetary	Bull Gear	Inboard Planetary	
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	
Differential Lock(s)	Mechanical	Mechanical	Rear	Mechanical	
Front 4wd Axle	Bevel Pinion 55 degree steering angle	U-Joint	U-Joint	U-Joint	Sealed in oil for long life. Constant power at all steering angles, and built by Kubota. Shortest turning.
Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	

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COMPARISON

FEATURE	KUBOTA M6040	JOHN DEERE 5325	CASE IH JX65	NEW HOLLAND TN70A	KUBOTA ADVANTAGE
PTO System					
Standard	Independent	Independent	Independent	Independent	Big advantage over Mahindra
Speeds @ RPM	540 @ 2160	540 @ 2400		540 @ 2300	
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.
Engagement Type	Self-Modulating	Mechanical	Mechanical	Mechanical	Smooth, self-modulated engagement to prevent shock loads.
Hydraulic System / 3-Point Hitch					
Type	Open Center	Open Center	Open Center	Gear Open Center	
Flow gpm/gallons per minute (l/m)	11.0 (41.6)	13.5 (51.2)	11.8 (44.5)	12.4 (47.0)	
Operating Pressure psi (K/sq.cm)	2770 (195.0)	2828 (195)	2755 (190)	2755 (190)	
Draft Control Type	Mechanical	Mechanical	Mechanical	Mechanical	
Draft Control Sensing	Top Link	Top Link	Top Link	Lower Link	
Remote Hydraulic Valves	1, 2 Opt.	1, 3 Opt	1 or 2	0 Std / 4 Optional	
Control Type	Two external cylinders	Single cylinder rockshaft	Single cylinder rockshaft	Single cylinder rockshaft	
Three Point Hitch Type	Cat II / I	Cat II	Cat II / I	Cat II / 1	
Telescoping Link Ends	Standard	Optional	N/A	Optional	Easier implement hookup
Lift Capacity, 24" Behind Lift Pts.	3307 Lbs. (1500 kg)	3374 (1530)	6615 (3000)	3960 (1800)	
Dimensions					
Wheelbase 2WD in. (mm)	ROPS 82.1 (2085) CAB 84.4 (2145)	85.7 (2177)	91.1 (2314)	2wd 83.9 (2131)	
Wheelbase 4WD in. (mm)	ROPS 80.7 (2050) CAB 83.1 (2110)	85.7 (2177)	91.1 (2314)	4wd 81.3 (2065)	
Height, Top of ROPS in. (mm)	96.9 (2460)	94.8 (2408)	73.3 (1854)	95.1 (2416)	
Top of Cab in. (mm)	99.8 (2535)	97.4(2474)	76.0 (1930)	90.8 (2307)	



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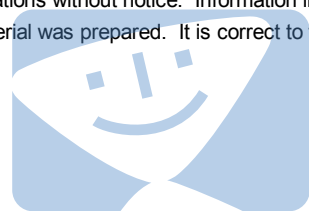
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COMPARISON

FEATURE		KUBOTA M6040	JOHN DEERE 5325	CASE IH JX65	NEW HOLLAND TN70A	KUBOTA ADVANTAGE
Dimensions Cont.						
Turning Radius w/o Brake 4wd engaged w/o Brake	ft (m)	2wd / 10.2 (3.1) 4wd / 9.5 (2.9)	2wd 11.3 (3.4) 4wd 12.5 (3.8)			Superior maneuverability particularly in confined spaces or corrals.
Weight: ROPS Model	lb. (kg)	2wd 3858 (1750) 4wd 4079 (1850)	2wd 4166 (1890) 4wd 5206 (2361)	2wd 5152 (2337) 4wd 5704 (2587)	2wd 5290 (2400) 4wd 5730 (2599)	Lighter psi ground compaction. Field ready at 180% base weight for heavier work.
Weight: Cab Model	lb. (kg)	2wd 4443 (2015) 4wd 4652 (2110)	2wd 5266 (2389) 4wd 6306 (2860)	2wd 5813 (2637) 4wd 6365 (2887)	2wd N/A 4wd 6602 (2995)	Lighter psi ground compaction. Field ready by at 180% base weight for heavier work.
Tires standard						
Front / 2 wd		7.50-16 Bias	7.50 - 16 Bias	7.50 - 16 Bias	9.5 - 15 Bias	
Rear / 2 wd		16.9-28 Bias	14.9 - 28 Bias	14.9 - 28 Bias	14.9 - 28 Bias	Larger standard tires
Front / 4 wd		9.5-24 Bias	9.5-24 Bias	8.3 - 24 Bias	11.2 - 20 Bias	
Rear / 4 wd		16.9-28 Bias	14.9-28 Bias	14.9 - 28 Bias	14.9 - 28 Bias	Larger standard tires

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COMPARISON

FEATURE	KUBOTA	JOHN DEERE	CASE IH	NEW HOLLAND	KUBOTA
	M7040	5425	JX75	TN75	ADVANTAGE
Engine Manufacturer	Kubota	John Deere		New Holland	Kubota designed and built
PTO HP @ Rated RPM	62 (46.3w)@ 2600	65.0 (48.4) @ 2400	60 (44.7) @ 2500	62 (46.3) @ 2300	
Aspiration	Naturally Aspirated	Turbocharged	Naturally Aspirated	Turbocharged	
Displacement cu. in. (liters)	203 (3.3)	276 (4.5)	220 (3.6)	179 (209)	
Cylinders	4	4	4	3	
Dynamically Balanced	Yes	No	No	No	Lower vibration level.
Multi-Valve system	Yes	No	No	No	Increased performance
Injection Type	E-CDIS / Emission Center Direct Injection	Direct	Direct	Direct	Smoother and quieter operation.
Fuel Tank Capacity gal. (liters)	18.5 (70.0) ROPS 29.1 (110) CAB	25.5 (96.5) ROPS 33.5 (126.8) CAB	24.3 (92) ROPS 24.3 CAB	23.0 (87)	
Alternator Amps.	45 ROPS 60 CAB	70 ROPS 90 Cab	45 ROPS 65 CAB	65 ROPS 85 CAB	
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	
Transmission / Drive Train					
Transmission	8F X 8R	9F X 3R	12F x12R	8F X 8R	True shuttle transmission over Deere.
Left-Hand Shuttle Lever	Standard	No	Yes	Yes	More efficient travel and direction changing over Deere.
Fully Synchronized Main Shift	Yes	Yes	Yes	Yes	Standard equipment, not a higher cost option like Deere.
Hydraulic Shuttle	Optional	Optional	No	Optional	
Clutch Type	Dry, Synchro-Shuttle Wet, Hyd. Shuttle	Dry, SyncShuttle Wet w/PowerReverser	Dry	Dry Wet w/Hyd. Shuttle	
Creep Speed / Optional	Cassette Type 12F X 12R	Optional	No	No	
Final Drive Type	Inboard Planetary	Inboard Planetary	Spur Gear	Inboard Planetary	
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	

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COMPARISON

FEATURE	KUBOTA M7040	JOHN DEERE 5425	CASE IH JX75	NEW HOLLAND TN75	KUBOTA ADVANTAGE
Transmission / Drive Train Cont.					
Differential Lock(s)	2wd Rear 4wd Rear and Limited Slip Front Differential	2wd Rear 4wd Rear and Limited Slip Front Differential	Rear	Rear	Front and Rear differential locks maximize traction.
Front 4wd Axle	Bevel Pinion 55 degree steering angle	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	Independent	Independent	Big advantage over Mahindra
Speeds @ RPM	540 @ 2160	540 @ 2400		540 @ 2300	
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 / 3-Point Hitch					
Type	Open Center	Open Center	Open Center	Open Center	Increased adaptability
Flow gpm/gallons per minute (l/m)	11.0 gpm (41.6 l/m) Standard	18.4 (69.6)	11.8 (44.5)	12.4 (47)	
Maximum Operating Pressure PSI (K/sq.cm)	2770 (41.6)	2755 (193.7)	2755 (193.7)	2755 (190)	
Draft Control Type	Mechanical	Mechanical	Mechanical	Mechanical	
Draft Control Sensing	Top Link	Top Link		Lower Link	
Remote Hydraulic Valves (standard)	1, 2 Opt.	1, 3 Opt	1	1	
Control Type	Two external cylinders	Single cylinder rockshaft	Single cylinder rockshaft	Single cylinder rockshaft	
Three Point Hitch Type	Cat II	Cat II	Cat II	Cat II / I	
Telescoping Link Ends	Standard	Optional	No	Standard	Easier to connect implements
Lift Capacity, 24" Behind Lift Pts.	3307 Lbs. (1500 kg)	3374 (1530)	7,718 (3500)	3960 (1800)	



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COMPARISON

FEATURE		KUBOTA M7040	JOHN DEERE 5425	CASE IH JX75	NEW HOLLAND TN75	KUBOTA ADVANTAGE
Dimensions						
Wheelbase 2WD	in. (mm)	ROPS 82.1 (2085) CAB 84.4 (2145)	85.7 (2177)	91.1 (2314)	2wd 83.9 (2131)	
Wheelbase 4WD	in. (mm)	ROPS 80.7 (2050) CAB 83.1 (2110)	85.7 (2177)	91.1 (2314)	4wd 81.3 (2065)	
Height	Top of ROPS in. (mm)	96.5 (2450)	104.6 (2657)	99.5 (2527)	95.1 (2416)	
	Top of Cab in. (mm)	99.2 (2519)	99.4 (2525)	102.5 (2604)	90.8 (2307)	
Turning Radius w/o Brake	in. (m)	2wd / 11.2 (3.4)	2wd 12.8 (3.9)	2wd / 12.8 (3.9)		
		4wd / 12.1 (3.7)	4wd 12.5 (3.1)	4wd / 13.8 (4.2)		
Weight: ROPS Model	lb.(kg)	2wd 4475 (2030) 4wd 4610 (2090) With Rear Cast Disks Add: 575 Lbs	2wd 4600 (2087) 4wd 5640 (2558)	2wd 5,702(2586) 4wd 6254 (2837)	2wd 5290 (2400) 4wd 5730 (2599)	Adaptable to low ground pressure, or heavier applications as required.
Weight: Cab Model	lb. (kg)	2wd 5004 (2270) 4wd 6175 (2800) With Cast Rear Disks Add: 575 Lbs.	2wd 5700 (2586) 4wd 6224 (2823)	2wd 6363 (2886) 4wd 6915 (3137)	2wd 5465 (2479) 4wd 6602 (2995)	Adaptable to low ground pressure, or heavier applications as required.
Tires standard						
Front / 2 wd		7.50-16 Multi-Rib, Bias	7.50 - 16 Bias	10.00 - 16 Bias	9.5 - 15 Bias	
Rear / 2 wd		16.9-30 Bias Ply	16.9 - 30 Bias	16.9 - 30 Bias	14.9 - 28 Bias	
Front / 4 wd		9.5-24 Bias Ply	11.2 - 24 Bias	11.2 - 24 Bias	11.2 - 20 Bias	
Rear / 4 wd		16.9-30 Bias Ply	16.9 - 30 Bias	16.9 - 30 Bias	14.9 - 28 Bias	

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