



M5640SU Special Utility Tractors

Competitive Comparison					
Feature	Kubota M5640SU / SUD	John Deere 5065E	New Holland WorkMaster 55	Kubota Advantage	
Engine Manufacturer	Kubota	John Deere	New Holland	Designed and built by Kubota	
Engine	V2403	PowerTech 3029	N/A		
EPA Emission Level	Interim Tier IV	Tier II	Tier III	Meets latest EPA emission standards	
Gross Engine HP	HP (Kw)	57.6 (43) @ 2700	65.0 (47.5) @ 2400	55 (41.0) @ 2700	
Net Engine HP	HP (Kw)	56.0 (41.7) @ 2700	IFNA	IFNA	Net HP reveals the difference in gross to PTO loss value, Kubota maintains less loss of power than most competitors revealing drivetrain and hydraulic power efficiency.
PTO HP @ Rated RPM	HP (Kw)	50.0 (37.3) @ 2700	53.0 (39.0) @ 2400	47.5 (35.4) @ 2700	
Aspiration	Turbocharged	Turbocharged	Turbocharged	Wastegate controlled turbocharger maximizes the lower engine RPM range by controlling the exhaust flow to maximize turbo boost.	
Displacement	cu. in. (l)	148.5 (2.4)	179 (2.9)	135 (2.2)	
Cylinders		4	3	4	Dynamically balanced for smooth operation.
Dynamically Balanced		Yes	No	No	Low vibration level.
Injection Type		E-TVCS / Indirect	Direct	Direct	
Fuel Tank Capacity	gal. (l)	13.1 (50.0)	18.0 (68.1)	13.5 (51)	
Alternator Amps		40	45	55	
Muffler / Exhaust Pipe	Under Hood down swept exhaust	Under Hood Vertical exhaust	Under Hood Vertical exhaust		
Transmission / Drive Train					
Transmission	8F X 4R	9F X 3R	8F X 8R		
Left-Hand Shuttle Lever	Yes	No	Yes	Increased efficiency, particularly in loader applications.	
Partially Synchronized Main Shift	Yes	No	No	Optimizes travel efficiency shift on the go from second, to third then to fourth.	
Shuttle type	Synchro-Shuttle 4th gears	1st - 1 reverse speed per range, synchronized	Synchro-Shuttle	First, second, third and fourth gears provide shuttle direction travel.	
Clutch Type	Dry	Dry	Dry		
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary		
Brakes	Wet Disc	Wet Disc	Wet Disc		
Differential Lock	Mechanical	Mechanical	Mechanical		
Front 4wd Axle	Bevel Pinion	U-Joint	U-Joint	Hermetically sealed in 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		
PTO System					
Type	Independent	Independent	Independent		
Speeds @ RPM	540 @ 2295	540 @ 2400	540 @ IFNA		
Engagement Method	Hydraulic Self-Modulating	Mechanical	Mechanical	User friendly operation with your right hand. Lever force is hardly noticeable during the smooth engagement, and the operator can easily see the implement at the same time.	
Clutch type	Multi-Plate Wet Clutch	Dry Clutch	Dry	Hydraulic PTO clutch is a "big tractor" feature, the 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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Competitive Comparison				
Feature	Kubota M5640SU / SUD	John Deere 5065E	New Holland WorkMaster 55	Kubota Advantage
Hydraulic System / Three Point Hitch				
Type	Open Center Constant Flow	Open Center	Gear Open Center	
Flow gpm (l/m)	11.0 (41.6)	11.4 (43.1)	11.6 (44.0)	
Power Steering gpm (l/m)	6.1 (23.1)	6.8 (25.7)	5.3 (20.1)	
Total Flow GPM PSI (K/sq.cm)	17.1 (64.7)	18.2 (68.8)	16.9 (64.1)	
Operating Pressure PSI (K/sq.cm)	2770 (41.6)	2755 (193.7)	IFNA	
Control Type	Position	Position	Position	Note: Draft control, not available.
Lift Type	Mechanical	Mechanical	Mechanical	
Hydraulic Remote Valves	1, 2 or 3 Optional	1, 2 optional	1 Std / 3 Optional	
Three Point Hitch Type	Cat II / I	Cat II / I	Cat II	
Telescoping Link Ends	Optional	Optional	Standard	Easier implement hookup
Lift Cap, 24" Behind Lft Pts. Lbs. (Kg)	3307 (1500)	3192 (1448)	2580 (1170)	Highest lift capacity
Dimensions				
Wheelbase in. (mm)	78.7 (2000)	80.7 (2050)	IFNA	
Height, top of ROPS in. (mm)	92.9 (2360)	96.8 (2459)	IFNA	Lower overall height
Turning Radius Ft. (mm)	2wd / 11.2 (3.4) 4wd / 12.1 (3.7)	2wd 11.6 (3.5) 4wd 11.6 (3.5)	IFNA	
Weight lb. (kg)	2wd 3750 (1700) 4wd 3860 (1750)	2wd 4634 (1730) 4wd 5070 (1992)	2wd 3770 (1710) 4wd 4078 (1850)	Lower gross weight provides adaptability to low ground pressure applications or ballast as needed.
Tires standard				
Front / 2 wd	6.50-16 Bias	7.50-16 Bias	7.50 - 16 Bias	Wider 9.5L-15, optional
Rear / 2 wd	14.9-28 Bias	16.9-28 Bias	14.9 - 28 Bias	16.9-28 rear tire, optional
Front / 4 wd	8.3-24 Bias	9.5-24 Bias	9.5 - 24 Bias	9.5-22 optional
Rear / 4 wd	14.9-28 Bias	16.9-28 Bias	14.9 - 28 Bias	16.9-28 rear tire, optional



M7040SU Special Utility Tractors

Competitive Comparison					
Feature	Kubota M7040SU / SUD	John Deere 5075E	New Holland WorkMaster 75	Kubota Advantage	
Engine Manufacturer	Kubota	John Deere	New Holland	Kubota designed and built	
Engine	V3307	PowerTech 3029	N/A		
EPA Emission Level	Interim Tier IV	Tier II	Tier III		
Gross Engine HP	HP (Kw)	68.4 (51.0)@ 2600	75.0 (55.0) @ 2400	75.0 (56.0) @ 2500	High horsepower to weight ratio
Net Engine HP	HP (Kw)	68.0 (50.7)@ 2600	IFNA	IFNA	Net HP reveals the difference in gross to PTO loss value, Kubota maintains less loss of power than most competitors revealing drivetrain and hydraulic power efficiency.
PTO HP @ Rated RPM	HP (Kw)	62 (46.2)@ 2600	61.0 (44.9) @ 2400	65 (48.5) @ 2500	
Aspiration	Naturally Aspirated	Turbocharged	Turbocharged		
Displacement	cu. in. (liters)	203 (3.3)	179 (2.9)	195 (3.2)	
Cylinders		4	3	4	
Dynamically Balanced	Yes	No	No	Lower vibration level.	
Multi-Valve system	Yes (16 Valves)	No	No	Increased performance	
Injection Type	E-CDIS Direct Injection	Direct	Direct	Smoother and quieter operation.	
Fuel Tank Capacity	gal. (liters)	18.5 (70.0)	18.0 (68.1)	16.0 (60)	
Alternator Amps.		45	45	65	
Muffler	Under Hood down swept exhaust	Under Hood Vertical exhaust	Under Hood Vertical exhaust		
Transmission / Drive Train					
Transmission	8F X 4R	9F X 3R	8F X 8R	Four speed synchro-shuttle	
Left-Hand Shuttle Lever	Standard	No	Yes	More efficient travel and direction changing over Deere.	
Fully Synchronized Main Shift	Yes	Partially	Yes	Standard equipment, not a higher cost option like Deere.	
Clutch Type	Dry	Dry	Dry		
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary		
Brakes	Wet Disc	Wet Disc	Wet Disc		
Differential Lock	Rear	Rear	Rear		
Front 4wd Axle	Bevel Pinion	U-Joint	U-Joint	Hermetically sealed in 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		
PTO System					
Type	Independent	Independent	Independent	Big advantage over Mahindra	
Speeds @ RPM	540 @ 2295	540 @ 2400	540 @ 2500		
Engagement Method	Hydraulic Self-Modulating	Mechanical	Mechanical	User friendly operation with your right hand. Lever force is hardly noticeable during the smooth engagement, and the operator can easily see the implement at the same time.	
Clutch type	Multi-Plate Wet Clutch	Dry Clutch	Dry	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.	



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Competitive Comparison				
Feature	Kubota M7040SU / SUD	John Deere 5075E	New Holland WorkMaster 75	Kubota Advantage
Hydraulic System / Three Point Hitch				
Type	Open Center	Open Center	Open Center	Increased adaptability
Flow gpm (l/m)	11.0 (41.6)	11.4 (43.1)	10.4 (39.0)	
Power Steering gpm (l/m)	6.1 (23.1)	6.8 (25.7)	8.3 (32.0)	
Total Flow GPM PSI (K/sq.cm)	17.1 (64.7)	18.2 (68.8)	18.7 (71.0)	
Operating Pressure PSI (K/sq.cm)	2770 (41.6)	2755 (193.7)	IFNA	
Control Type	Position	Position	Position	Note: Draft control not available
Lift Type	Mechanical	Mechanical	Mechanical	
Hydraulic Remote Valves	1, 2 or 3 optional	1, 2 optional	1, 1 optional	
Three Point Hitch Type	Cat II / I	Cat II / I	Cat II / I	
Telescoping Link Ends	Optional	N/A	Standard	
Lift Cap, 24" Behind Lft Pts. Lbs.(Kg)	3307 (1500)	3374 (1530)	2429 (1102)	
Dimensions				
Wheelbase in. (mm)	2/4wd 80.7 (2050)	2wd 85.7 (2171) 4wd 85.7 (2171)	IFNA	
Height Top of ROP in. (mm)	96.5 (2450)	97.2 (2469) 99.1 (2517)	IFNA	Lower overall height
Turning Radius w/o Brake in. (m)	2wd / 11.2 (3.4) 4wd / 12.1 (3.7)	2wd 11.3 (3.4) 4wd 11.3 (3.4)	IFNA	
Weight: ROPS Model lb.(kg)	2wd 4475 (2030) 4wd 4610 (2090) W/Rear Cast Disks - Add: 575 Lbs	2wd 5270 (2390) 4wd 5690 (2581)	2wd 5059 (2295) 4wd 5688 (2580)	
Tires standard				
Front / 2 wd	7.50-16 Bias	7.50 - 16 Bias	7.50-16 Bias	Wider 9.5L-15, optional
Rear / 2 wd	16.9-30 Bias	16.9 - 30 Bias	16.9-30 Bias	
Front / 4 wd	9.5-24 Bias	11.2 - 24 Bias	11.2-24 Bias	
Rear / 4 wd	16.9-30 Bias	16.9 - 30 Bias	16.9-30 Bias	