



M6040 Narrow Special Ag Tractors

Competitive Comparison					
FEATURE	Kubota M6040-1	John Deere N/A	Case IH N/A	New Holland N/A	Kubota Advantage
Engine Manufacturer	Kubota	N/A	N/A	N/A	The M6040-1 Model is a league of it's own, no major competitor offers a narrow model in this horsepower class.
Engine	V3307	N/A	N/A	N/A	
EPA Emission Level	Interim Tier IV	N/A	N/A	N/A	Meets latest EPA emission standards
Gross Engine Horsepower HP (Kw)	66.0 (49.2) @ 2600	N/A	N/A	N/A	Efficient use of horsepower
Net Engine @ Rated RPM HP (Kw)	63.5.0 (47.3) @ 2600	N/A	N/A	N/A	Efficiency is seen in the difference only 2.5 HP from Gross to Net HP.
PTO HP @ Rated RPM HP (Kw)	56.0 (41.7) @ 2600	N/A	N/A	N/A	Only 7.5 HP between Net and PTO HP.
Aspiration	Turbocharged	N/A	N/A	N/A	
Displacement Cu. in. (liters)	203 (3.3)	N/A	N/A	N/A	
Cylinders	4	N/A	N/A	N/A	
Injection Type	E-CDIS / Emission Center Direct Injection	N/A	N/A	N/A	
Fuel Tank Capacity Gal. (liters)	15.9 (60.0) ROPS	N/A	N/A	N/A	
Alternator Amps	45	N/A	N/A	N/A	80 Amp optional ROPS / Cab 8 spd.
Muffler	Under Hood down-swept exhaust exits left side	N/A	N/A	N/A	Kubota includes down swept exhaust pipe standard
Transmission / Drive Train					
Transmission	8F X 8R	N/A	N/A	N/A	
Left-Hand Shuttle Lever	Standard	N/A	N/A	N/A	Increased efficiency over Deere
Fully Synchronized Main Shift	Yes	N/A	N/A	N/A	Easier operation
Clutch Type	Multi-Plate Wet Disks Hydraulic Shuttle	N/A	N/A	N/A	Wet multi-plate hydraulic clutch packs provide exceptional life.
Creep Speed / Optional	Cassette Type 12F X 12R	N/A	N/A	N/A	The cassette type creep speed kit provides 4 creep speeds under one mph, slowest at 0.17 mph. The cassette type kit increases value by allowing the tractor to fit the customers applications, now or later. This feature increases resale value as it allows change in applications any time.
Final Drive Type	Inboard Planetary	N/A	N/A	N/A	
Brakes	Wet Disc	N/A	N/A	N/A	
Auto-Braking system	Standard	N/A	N/A	N/A	Automatically engages 4WD when both brakes are applied to increase braking power.
Differential Lock	Rear Mechanical type	N/A	N/A	N/A	
Front Axle	Bevel Pinion 50 degree Steering Angle Bi-Speed Turn	N/A	N/A	N/A	Hermetically sealed in oil for long life. Constant power at all steering angles, and built by Kubota. Bi-Speed turn is an exclusive feature that provides a shorter turning radius.
Power Steering	Hydrostatic Power Steering	N/A	N/A	N/A	
PTO System					
Standard	Independent	N/A	N/A	N/A	
Speeds @ RPM	540 @ 2160	N/A	N/A	N/A	
Engagement Method	Hydraulic Self-Modulating	N/A	N/A	N/A	Big tractor feature, cooled and lubricated by oil, no electronics.
Clutch type	Multi-Plate Wet Clutch	N/A	N/A	N/A	Increased durability and longer life.
Engagement Type	Self-Modulating	N/A	N/A	N/A	Smooth, self-modulated engagement to prevent shock loads.
Hydraulic System / 3-Point Hitch					
Type	Open Center	N/A	N/A	N/A	
Flow GPM (l/m)	11.0 gpm (41.6 l/m)	N/A	N/A	N/A	
Operating Pressure psi (K/sq.cm)	2844 (200)	N/A	N/A	N/A	
Draft Control	Standard	N/A	N/A	N/A	
Draft Control Sensing	Top Link	N/A	N/A	N/A	
Remote Hydraulic Valv (std, optional)	1 and 2	N/A	N/A	N/A	
Control Type	Two, external cylinders	N/A	N/A	N/A	
Three Point Hitch Type	Cat I w/Cat II link ends	N/A	N/A	N/A	
Link Ends	Rigid	N/A	N/A	N/A	
Lift Capacity, 24" Behind Lift Pts.	3307 (1500)	N/A	N/A	N/A	



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Competitive Comparison					
FEATURE	Kubota M6040-1	John Deere N/A	Case IH N/A	New Holland N/A	Kubota Advantage
Dimensions					
Wheelbase In. (mm)	80.7 (2050)	N/A	N/A	N/A	
Width (minimum) In. (mm)	48.0 (1219)	N/A	N/A	N/A	
Height, Top Hood ROPS / Top of Rops w In. (mm)	46.0 (1168) / 87.4 (2220)	N/A	N/A	N/A	
Turning Radius with Bi-Speed 4wd engaged w/o Brake applied Ft (m)	11.5 (3.5)	N/A	N/A	N/A	Extremely maneuverable in this class with Bi-Speed Turn as a standard feature.
Weight ROPS Model Lb. (Kg)	4189 (1900) Cast Rear Wheel Disks add: 575 Lbs	N/A	N/A	N/A	Hi Power to weight ratio provides adaptability to low ground pressure applications as well as for heavier applications with proper ballasting as required.
Tires standard					
Front / 4 wd	8.0-16 Bias	N/A	N/A	N/A	
Rear / 4 wd	12.4-24 Bias	N/A	N/A	N/A	

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M7040 Narrow Special Ag Tractors

Competitive Comparison					
FEATURE	Kubota M7040-1	John Deere 5083E	Case IH 75N Farmall	New Holland T4030F	Kubota Advantage
Engine Manufacturer	Kubota	John Deere	CASE IH	New Holland	Kubota designed and built
Engine	V3307	PowerTech	IFNA	5FC	
EPA Emission Level	Interim Tier IV	Tier III	Tier III	Tier III	Meets latest EPA emission standards
Gross Engine Horsepower	HP (Kw) 73.6 (54.9) @ 2600	83.0 (61.8)	76.0 (56.7) @ 2300	76.0 (56.7) @ 2300	
Net Engine HP	HP (Kw) 71.0 (52.9) @ 2600	IFNA	IFNA	IFNA	
PTO HP @ Rated RPM	HP (Kw) 64.0 (47.7) @ 2600	69.0 (51.0) @ 2400	62 (46.2) @ 2300	62.0 (46.2) @ 2300	Most efficient use of horsepower, 9.6 HP between Gross and PTO HP, Competitors have 14 HP difference, a loss of 4.4 HP compared to Kubota.
Aspiration	Turbocharged	Turbogcharged	Turbogcharged	Turbogcharged	
Displacement	cu. in. (liters) 203 (3.3)	276 (4.5)	179 (2.9)	195 (3.2)	
Cylinders	4	4	4	4	Smoother running operation
Injection Type	E-CDIS / Emission Center Direct Injection	Direct	Direct	Direct	
Fuel Tank Capacity	Gal. (liters) 15.9 (60.0) ROPS 20.1 (76.0) CAB	19.0 (71.9)	20.0 (77.0)	19.3 (73.1)	
Alternator Amps	45 ROPS 60 CAB	70	120	120	80 Amp optional ROPS / Cab
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	Kubota includes down swept exhaust pipe standard
Transmission / Drive Train					
Transmission	8F X 8R	12F x 12R	16F X 16R	16F X 16R	
Left-Hand Shuttle Lever	Standard	Standard	Yes	Optional	Increased efficiency over Deere
Fully Synchronized Main Shift	Yes	Yes	Yes	Yes	Easier operation
Clutch Type	Multi-Plate Wet Disks Hydraulic Shuttle	Multi-Plate Wet Disks Elec-Hydraulic Shuttle	Dry	Dry (Wet Multi-Plate, Optional)	Wet multi-plate hydraulic clutch packs provide exceptional life.
Creep Speed	Cassette Type - 12F X 12R or 15F X 15R - Optional	Optional 16F X 16R	Standard (3-speeds under 1.0 mph)	N/A	The cassette type creep speed kit provides 4 creep speeds under one mph, slowest at 0.17 mph. The cassette type kit increases value by allowing the tractor to fit the customers applications, now or later. This feature increases resale value as it allows change in applications any time.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	
Auto-Braking system	Standard	No	No	Standard	Automatically engages 4WD when both brakes are applied to increase braking power.
Differential Lock/Rear	Mechanical	Mechanical	Electo-hydraulic	Yes	
Front Axle	Bevel Pinion 50 deg. Steering Angle Bi-Speed Turn	U-Joint	U-Joint	U-Joint	Hermetically sealed in oil for long life. Constant power at all steering angles, and built by Kubota. Bi-Speed turn is an exclusive feature that provides a shorter turning radius.
Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	
PTO System					
Standard	Independent	Independent	Independent	Independent	
Speeds @ RPM	540 @ 2160	540 @ 2400	540 @ 1NFA	540 @ 2196	
Engagement Method	Hydraulic Self-Modulating	Electrohydraulic	Mechanical	Mechanical	Big tractor feature, cooled and lubricated by oil, no electronics.
Clutch type	Multi-Plate Wet Clutch	Multi-Plate Wet Clutch	Dry clutch	Dry Clutch	Increased durability and longer life.
Engagement Type	Self-Modulating	Mechanical	Hydraulic servo	Mechanical	Smooth, self-modulated engagement to prevent shock loads.
Hydraulic System / 3-Point Hitch					
Type	Open Center	Open Center	Open Center	Open Center	
Flow	GPM (l/m) 11.0 (41.6)	18.4 (69.6)	12.8 (48.5)	12.8 (48.4) Mech. Shuttle 17.2 (65.0) Power Shuttle	
Operating Pressure	psi (K/sq.cm) 2844 (200)	2828 (195)	IFNA	2755 (193.7)	
Draft Control Type	Mechanical	Mechanical	Mechanical	Standard	
Draft Control Sensing	Top Link	Top Link	Lower Link	Lower Link	
Remote Hydraulic Valves (std, optional)	1 and 2	2, 3 Opt	2	2 and 3	
Control Type	Two external cylinders	Single cylinder rockshaft	Single cylinder rockshaft	Single cylinder rockshaft	
Three Point Hitch Type	Cat I w/Cat II link ends	Cat II / I	Cat II / I	Cat II / I	
Link Ends	Rigid	Rigid	Rigid	Rigid	
Lift Capacity, 24" Behind Lift Pts. Lbs (Kg)	3307 (1500)	3374 (1530)	4400 (1998)	4045 (1835)	



M7040 Narrow Special Ag Tractors

Competitive Comparison						
FEATURE		Kubota M7040-1	John Deere 5083E	Case IH 75N Farmall	New Holland T4030F	Kubota Advantage
Dimensions (std. tires)						
Wheelbase	In. (mm)	80.7 (2050)	85.7 (2177)	80.1 (2035)	82.4 (2093)	Shortest wheelbase increases maneuverability
Width (minimum)	In. (mm)	48.0 (1219)	48.0 (1219)	52.9.1 (1346)	42.5 (1080)	
Height, Top Hood ROPS / Top of Rops w/Top of cab	In. (mm)	46.0 (1168) / 87.4 (2220) / 89.0 (2260)	IFNA	51.0 (1294) / 87.0 (2210) / 90.7 (2303)	50.8 (1290) / 88.6 (2250) / 84.6 (2148)	With 320/85R20 optional tires tractor height is lowered by 2.40 inch.
Turning Radius with Bi-Speed 4wd engaged w/o Brake applied	Ft (m)	11.5 (3.5)	14.3 (4.36)	IFNA	11.2 (3.4)	Extremely maneuverable in this class with Bi-Speed Turn as a standard feature.
Weight	Lb. (kg)	4410 (2000) ROPS 4806 (2180) Cab Opt./Cast Rear Wheel Disks add: 575 Lbs	5645 (2260) ROPS 5784 (2624) Cab	5560 (2540) ROPS 5886 (2670) Cab	5661 (2568) ROPS 5975 (2710) Cab	Hi Power to weight ratio provides adaptability to low ground pressure applications as well as for heavier applications with proper ballasting as required.
Tires standard						
Front		8.0-16 Bias	8.3-16 Bias	240/70R16 Radial	240/70R16 Radial	
Rear		12.4-24 Bias	12.4-24 Bias	380/70R24	380/70R24 Radial	Wide selection of tires

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M8540 Narrow Special Ag Tractors

Competitive Comparison					
	Kubota M8540-1	John Deere 5093E	Case IH 95N Farmall	New Holland T4050F / V	Kubota Advantage
Engine Manufacturer	Kubota	John Deere	CASE IH	New Holland	Kubota designed and built
Engine	V3800	PowerTech	IFNA	NEF	
EPA Emission Level	Tier III	Tier III	Tier III	Tier III	Meets latest EPA emission standards
Gross Engine Horsepower	HP (Kw) 89.4 (66.7) @ 2600	93.0 (69.3) @ 2400	95.0 (70.9) @ 2400		Less power loss from gross hp to PTO HP.
Net Engine @ Rated RPM	HP (Kw) 85.5 (63.7) @ 2600	IFNA	IFNA	IFNA	
PTO HP @ Rated RPM	HP (Kw) 76.0 (56.7) @ 2600	79.0 (59.0) @ 2400	82.0 (61.2) @ 2500	62 (46.3) @ 2300	
Aspiration	Turbocharged	Turbogcharged	Turbogcharged	Turbocharged	
Displacement	Cu. In. (liters) 230 (3.8)	276 (4.5)	238 (3.9)	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) 15.9 (60.0) ROPS 20.1 (76.0) CAB	19.0 (71.9)	20.0 (77.0)	23.0 (87)	
Alternator Amps.	45 ROPS 60 CAB 8 speed 80 CAB 10 speed	70	120	65	80 Amp optional ROPS / CAB 8 spd.
Muffler	Under Hood	Under Hood	Under Hood	Under Hood	Kubota includes down swept exhaust pipe standard
Transmission / Drive Train					
Transmission	8F X 8R or 10F X 10R (cab)	12F X 12R	16F x16R	8F X 8R	
Left-Hand Shuttle Lever	Standard	Standard	Yes	Yes	More efficient travel and direction changing over Deere.
Fully Synchronized Main Shift	Yes	No (Partial)	Yes	Yes	Standard equipment, not a higher cost option like Deere.
Hydraulic Shuttle	Standard	Standard	Optional	Optional	
Clutch Type	Multi-Plate Wet Disks Hydraulic Shuttle	Wet Multi-Plate Elec-Hyd. Shuttle	Dry	Dry or Wet w/Hyd. Shuttle	
Creep Speed	Cassette Type 12F X 12R or 15F X 15R Optional	16F X 16R	Standard (3-speeds under 1.0 mph)	No	The cassette type creep speed kit provides 4 or 5 creep speeds under one mph, the slowest at 0.17 on 8 speed or 0.23 mph on the 10 Speed. The cassette type kit increases value by fitting the customers applications, now or later. This feature increases resale value as it allows change in applications at any time.
Final Drive Type	Inboard Planetary	Inboard Planetary	Inboard Planetary	Inboard Planetary	
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	
Auto-Braking system	Standard	No	No	Standard	Automatically engages 4WD when both brakes are applied to increase braking power.
Transmission / Drive Train Cont.					
Differential Lock	Rear Mechanical type	Rear and Limited Slip Front Differential	Rear	Rear	Front and Rear differential locks maximize traction.
Front 4wd Axle	Bevel Pinion 50 degree Steering Angle Bi-Speed Turn	U-Joint	U-Joint	U-Joint	Hermetically sealed in oil for long life. Constant power at all steering angles, and built by Kubota. BI-Speed turn is an exclusive feature that provides a short turning radius.
Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	
PTO System					
Standard Speeds @ RPM	Independent 540 @ 2205	Independent 540 @ 2400	Independent	Independent 540 @ 2300	Big advantage over Mahindra
Engagement Method	Hydraulic Self-Modulating	Electrohydraulic	Mechanical	Mechanical	User friendly operation with your right hand. Electric over hydraulic knob control provides smooth engagement, and the operator can easily see the implement at the same time.
Clutch type	Multi-Plate Wet Clutch	Multi-Plate Wet 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 (l/m) 11.0 (41.6) 8 Speed 16.1 (61.0) 10 Speed, Cab	18.4 (69.6)	11.8 (44.5)	12.4 (47)	
Maximum Operating Pressure PSI (K/sq.cm)	2844 (200)	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 (std, optional)	1 and 2	2, 3 Opt	1	1	
Control Type	Two external cylinders	Single cylinder rockshaft	Single cylinder rockshaft	Single cylinder rockshaft	
Three Point Hitch Type	Cat I w/Cat II link ends	Cat II	Cat II / I	Cat II / I	
Telescoping Link Ends	Rigid	Rigid	Rigid	Rigid	
Lift Capacity, 24" Behind Lift Pts.	3307 (1500)	3374 (1530)	4400 (1998)	3960 (1800)	



M8540 Narrow Special Ag Tractors

Competitive Comparison						
	Kubota M8540-1	John Deere 5093E	Case IH 95N Farmall	New Holland T4050F / V	Kubota Advantage	
Dimensions						
Wheelbase	In. (mm)	80.7 (2050)	85.7 (2177)	80.1 (2035)	85.8 (2180)	Shortest wheelbase increases maneuverability
Width (minimum)	In. (mm)	48.0 (1219)	48.0 (1219)	53.4 (1357)	42.5 (1080)	
Height, Top Hood ROPS / Top of Rops w/Top of cab	In. (mm)	46.0 (1168) / 87.4 (2220) / 89.0 (2260)	IFNA	51.0 (1294) / 91.6 (2326) / 90.7 (2303)	80.8 (1290) / 88.8 (2250) / 84.6 (2148)	With 320/65R20 optional tires tractor height is lower by 0.75 inch.
Turning Radius w/o Brake w/Bi Speed Turn 4wd	Ft. (m)	11.5 (3.5)	14.33 (4.36)	IFNA	11.2 (3.4)	Extremely maneuverable in this class with Bi-Speed Turn as a standard feature.
Weight:	Lb. (Kg)	4410 (2000) ROPS 4806 (2180) Cab Opt./Cast Rear Wheel Disks add: 575 Lbs	5645 (2260) ROPS 5784 (2624) Cab	5820 (2640) ROPS 6107 (2770) Cab	5878 (2666) ROPS 6151 (2790) Cab	Hi Power to weight ratio provides adaptability to low ground pressure applications as well as for heavier applications with proper ballasting as applicable.
Tires standard						
Front		8.0-16 Bias	8.3-16 Bias	240/70R16 Radial	240/70R16 Radial	
Rear		12.4-24 Bias	12.4-24 Bias	380/70R24 Radial	380/70R24 Radial	Wide selection of tires

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