

	John Deere 4066R Compact Utility Tractor	MF 2860M	
<b>KEY SPECS</b>			
<b>Engine power (gross)</b>	SAE J1995 rated power: 48.5 kW65 hp65.9 PS at 2600 rpm	60.3 Gross HP Iseki 4-Cylinder Liquid Cooled	JOHN DEERE HAS 4.7 MORE HP
<b>Power take-off (PTO) power</b>	PowrReverser™ transmission: 40.4 kW54.2 hpeHydro™ transmission: 38.7 kW51.9 hpPer SAE J1995	47.0 PTO HP @ 2600 RPM - Shuttle Shift (Independent with SoftStart electronic modulation)	MASSEY SHUTTLE SHIFT HAS ROUGHLY 30% MORE PTO POWER VS JOHN DEERES HYDRASTAT AND JD ONLY OFFERS SHUTTLE IN THIS COMPARABLE TRACTOR
<b>Steering hydraulics</b>	23.5 L/min6.2 gpm	(26.7L) 7.1 gpm	MASSEY HAS 0.9 MORE GPM ON STEERING FLOW
<b>Implement hydraulics</b>	42.3 L/min11.2 gpm	Flow at Remotes 12.7 GPM (48.0 LPM) for Shuttle Shift	MASSEY HAS 1.5 MORE GPM ON THE IMPLEMENT HYDRAULICS THAN THE JOHN DEERE
<b>Hitch type</b>	Category 1	3-Point Hitch Cat I & II with Position Control Standard	BOTH COMPARABLE
<b>Lift capacity, 24-in. behind link arms</b>	1135 kg2500 lb	Lift Capacity @ 24 inches - 3,307 lb (1500 kg) for Shuttle Shift	MASSEY HAS 807LBS MORE LIFT CAPACITY 24" BEHIND LINK ARMS
<b>Standard transmission; forward/reverse</b>	eHydro Transmission (eHST)	12Fx12R Power Shuttle with 4 Synchronized Gears & 3 Ranges	MASSEY SHUTTLE SHIFT HAS ROUGHLY 30% MORE HORSE POWER VS JOHN DEERES HYDRASTAT AND JD ONLY OFFERS SHUTTLE IN THIS COMPARABLE TRACTOR
<b>Cruise control</b>	Standard	N/A for Shuttle Shift	JOHN DEERE OFFERS CRUISE CONTROL ON THEIR MODEL AS TO WHERE MASSEY DOESNT ON THE SHUTTLE BUT IS AVAILABLE ON HYDRASTAT MODEL
<b>Approximate shipping weight (open-station; cab)</b>	Open operator station (OOS) - 1710 kg3770 lb Cab - 2120 kg 4675 lb	ROPS: 4,288 LB / Cab: 4,674 LB	BOTH BRANDS OFFER COMPARABLE CABS, CUP HOLDER, AC, HEAT, RADIO, WIPERS, CAB HELPS PROTECT HEARING AND PROJECTILES, WITH BUILT IN ROPS
<b>Wheelbase</b>	130.6 OVERALL LENGTH	Overall length 134.6"	JOHN DEERE IS 4" SHORTER LENGTH VS MASSEY
<b>ENGINE</b>			
<b>Family</b>	EYDXL2.09HDAFYDXL2.09HDAGYDXL2.09HDA TURBOCHARGED	Diesel, 2.43 L Direct Injection, Turbocharged and intercooled, electronic engine control	BOTH TURBOCHARGED
<b>Manufacturer</b>	Yanmar 4-CYLINDER	ISEKI 4-Cylinder	BOTH 4 CYLINDERS
<b>Engine model</b>	4TNV86CHT-MJT		
<b>Engine power (gross)</b>	SAE J1995 rated power: 48.5 kW65 hp65.9 PS at 2600 rpm	60.3 HP RATED RPM 2600	JOHN DEERE HAS 5.6 MORE GROSS HP
<b>Power take-off (PTO) power</b>	PowrReverser transmission: 40.4 kW54.2 hpeHydro transmission: 38.7 kW51.9 hp	12Fx12R Power Shuttle with 4 Synchronized Gears & 3 Ranges	AGAIN JOHN DEERE HAS HYDRASTAT ONLY MASSEY OFFERS BOTH BUT THE SHUTTLE HAS 30% MORE POWER
<b>Rated engine speed</b>	2600 rpm HYDRA	2600 RPM - Shuttle	SAME RPM RATING
<b>Type</b>	Diesel	Diesel	BOTH DIESEL
<b>Injection pump type</b>	High pressure common rail direct injection	common rail direct injection, electronic engine management	
<b>Aspiration</b>	Turbocharged and charge air cooled	Turbocharged and intercooled, electronic engine control	
<b>Emissions compliance</b>	Final Tier 4	Exhaust gas recirculation (EGR), diesel oxidation catalyst (DOC), diesel particulate filter (DPF) Tier 4F	BOTH TIER 4 EMMISIONS
<b>Cylinders/displacement</b>	4 -CYL DIESEL / 2.091 L4 / 127.6 cu in.	2.43 L, 4-cyl diesel Displacement: 148.6 ci	MASSEY HAS 21 CUBIC INCH DISPLACEMENT THAN JD AND .339 LITERS MORE than JD

<b>Number of cylinders</b>	Four	Four	SAME
<b>Cylinder liners</b>	Cast-in-block	Cast-in-block	MASSEY HAS LARGER BORE AND STROKE
<b>Bore and stroke</b>	86 x 90 mm3.4 x 3.54 in.	3.43x4.03 inches 87 x 102 mm	
<b>Compression ratio</b>	19.1:1	17.5:1	JOHN DEERE HAS A HIGHER COMPRESSION RATIO MEANING THE POWER OUT PUT IS
<b>Lubrication</b>	Pressurized	Pressurized	
<b>Cooling system</b>	Liquid	LIQUID	
<b>Air cleaner</b>	Dual element with electronic restriction indicator	Dual Element Dry Type Air CleanerL	JOHN DEERE SHOWS CONDITION OF AIR FILTER WITHOUT OPENING THE CANISTER, MASSEY PRE-CLEANS HE AIR WHICH INCREASES THE LIFE OF THE AIR FILTER AIR PASSES THROUGH TWO TYPES OF FILTERING MEDIUMS, ALLOWING THEM TO PROVIDE CLEAN AIR FOR THE ENGINE
<b>Engine torque at rated speed</b>	178 Nm (131.3 lb-ft)	200 Nm (147.6 lbf ft)	THE MASSEY HAS 16.3 lbf f MORE THAN THE JOHN DEERE
<b>Fuel tank capacity</b>	13.8 U.S. gal. { 52.2 L}	14.0 GAL (53L)	MASSEY HAS .2 GALLON MORE FUEL CAPACITY
<b>ELECTRICAL</b>			
<b>Battery size</b>	770 CCA	770 CCA	SAME
<b>Alternator (12-V)</b>	75 amp	75 AMP	SAME
<b>Starter size</b>	12 V / 2 kW2.68 hp	12 V / 2.0 kW (2.68 hp)	SAME
<b>FUEL SYSTEM</b>			
<b>Type</b>	High pressure common rail direct injection	common rail direct injection, electronic engine management	PER SEARCH, BOTH PRODUCTS ARE NEARLY THE SAME BASICALLY A DIFFERENT NAME FOR DIFFERENT VENDORS PRODUCT
<b>Fuel consumption</b>			
<b>TRANSMISSION</b>			
<b>Standard transmission; forward/reverse</b>	eHydro transmission (eHST)	12x12 Power Shuttle, electronic shuttle lever, left side of steering column	SHUTTLE SHIFT MASSEY HAS MORE HP AT THE PTO THAN THE JD EVEN THOUGH HYDRASTAT IS MORE OF A CREATURE COMFORT SHUTTLE HELPS MORE WITH ATTACHMENT POWER
<b>Optional transmission; forward/reverse</b>	12/12 PowrReverser transmission (PRT)	Servo-HST, electronically controlled, 3-range hydrostatic transmission	
<b>Left-hand reverser</b>	PRT only	SHUTTLE SHIFT ONLY	
<b>Transmission gear ranges</b>	PRT - 12F/12R eHydro - Infinitely-variable 3 range	12Fx12R Power Shuttle with 4 Synchronized Gears, 3 RANGES	
<b>Final drive</b>	Planetary	Planetary	
<b>Brakes</b>	Multi-plate wet disc	Sealed Wet Disc Brakes	
<b>Steering</b>	Hydrostatic power steering	Hydrostatic Power Steering	
<b>Clutch, wet/dry</b>	Wet	MULTIPLE STAGE, WET TYPE	JOHN DEERE IS HYDRASTAT SO ITS ONE GEAR RANGE WHERE MASSEY IS SHUTTLE SHIFT AND HAS MULTIPLE RANGES
<b>Clutch disk diameter wet clutch</b>	129 mm5.08 in.		
<b>Axle capacity</b>	Front1600 kg3528 lbRear2400 kg5292 lb	FRONT860 kg (1896 lb)REAR 1260 kg (2778 lb) TOTAL 2120 kg (4674 lb)	
<b>Creeper</b>	SpeedMatch standard	NOT OFFERED FOR SHUTTLE SHIFT	
<b>Cruise control</b>	Standard	NOT OFFERED FOR SHUTTLE SHIFT	

Differential lock	Yes	YES	
Drawbar maximum vertical load			
<b>HYDRAULICS</b>			
Type	Open center SINGLE PUMP	Open center, two gear-type pumps for steering and 3-point/remotes	JOHN DEERE SINGLE PUMP VS MASSEY DUAL PUMP
Pump rated output	Steering 23.5 L/min 6.2 gpm Implement 42.3 L/min 11.2 gpm	Steering Flow 7 GPM, Implement Flow 12.6 GPM	
Pump type	Single gear	N/A	
Maximum operating pressure			
Draft control sensing	Position control	position control	same
Remote control valves available	Up to six rear remotes	UP TO SIX REAR REMOTES	
<b>3-POINT HITCH</b>			
Type	Category 1	CATEGORY 1	
Lift capacity, 24-in. behind link arms	1135 kg 2500 lb		
<b>POWER TAKE-OFF (PTO)</b>			
Standard	Independent 540 rpm at 2600 rpm	Independent 540 RPM @ 2600 RPM	
Optional	540E rpm	540 RPM	
Control	Independent LOAD MATCH	Independent SoftStart electronic modulation	SAME FEATURE PRODUCTS HAVE VENDORS OWN PATENTED NAME
Clutch	Wet disc	Multiple stage, wet disc	SAME
Brake (for mid and rear PTO)			
Engagement method			
<b>FLUID CAPACITIES</b>			
Crankcase with filter	5.3 L 1.4 gal.	7.4 L (7.82 US qt)	MASSEY HAS 2.1 L MORE CAPACITY THAN JOHN DEERE
Transmission and hydraulic system	47.3 L 12.5 gal.	43.0 L (11.35 US gal)	
<b>FINAL DRIVE</b>			
Type	Planetary	Planetary	
Differential lock	Yes	YES	
<b>OPERATOR STATION</b>			
Rollover protective structure	Type Foldable Yes	Type Foldable Yes OPEN STATION	
Platform - flat/straddle	Flat	FLAT	
Gear shift location - console/floor	PRT - Left-hand side		
<b>CAB</b>			
Compliance	OSHA, SAE, ASAE	OSHA, SAE, ASAE	
Visibility	360 degree (angle)	360 degree	
Air conditioning, temperature differential	14.4 °C 58 °F	70 cu cm (4.27 cu in) /rev	BOTH A/C CABS COMPATIBLE
Doors	Two	Two	
Noise rating	78 dBA		
Seat equipment	Air suspension with swivel	suspension seat	john deere has air suspension swivel and massey just has suspension no swivel forward and back movement
<b>DIMENSIONS</b>			

<b>Height</b>			
<b>Wheelbase</b>	185.5 cm73 in.	2040 mm (80.3 in)	massey has a 7.3 wider wheel base
<b>Front axle clearance</b>	35.1 cm13.8 in.	35.1 cm13.8 in.	same
<b>Turning radius with brakes</b>	2.8 m9.19 ft	2.9 m (114.2 in)	john deere turning ratio is tighter
<b>Turning radius without brakes</b>	3.0 m9.84 ft	3.1 m (113.55 in )	john deere turning ratio is tighter
<b>Limited slip differential</b>			
<b>Approximate shipping weight (open-station; cab)</b>	Open operator station (OOS) - 1710 kg3770 lbCab - 2120 kg4675 lb		
<b>TIRES</b>			
<b>Front</b>	Farm - 8-16Turf - 27x10.5-15 or 27x12LL-15Industrial - 10-16.5		
<b>Rear</b>	Farm - 13.6-28Turf - 44x18-20 or 22.5LL-16.1Industrial - 16.9Lx24		
<b>Front tread range</b>	148.1 cm58.3 in.		
<b>Rear tread spacing</b>	137.2 cm54 in.		
<b>MISCELLANEOUS</b>			
<b>Toolbox</b>			
<b>Tilt steering wheel</b>			
<b>12-V Outlet</b>			
<b>PRICE</b>	<b>\$65,260.74</b>	<b>\$49,070.00</b>	