

Specifications				
Select up to 4 models to compare specifications	John Deere 3039R Compact Utility Tractor			

Engine

Family	FYDXL1.57TDA EYDXL1.57TDA GYDXL1.57TDA			
Manufacturer	Yanmar			
Engine model	3TNV86CT-MJT			
Engine power (gross)	28.5 kW 38.8 hp			
Power take-off (PTO) power	Gear four-wheel drive (4WD) - 23.6 kW 31.6 hp Hydrostatic transmission (HST) 4WD - 23.2 kW 31.1 hp			
Rated engine speed	2600 rpm			
Type	Diesel			

Injection pump type	High pressure common rail direct injection			
Aspiration	Turbocharged			
Emissions compliance	Final Tier 4			
Cylinders/displacement	3 / 1.57 L 3 / 95.7 cu in.			
Number of cylinders	Three			
Cylinder liners	Cast-in-block			
Bore and stroke	86 x 90 mm 3.4 x 3.54 in.			
Compression ratio	19.1:1			
Lubrication	Pressurized			
Cooling system	Water pump			
Air cleaner	Dry-type, two-stage dual element			
Engine torque at rated speed	105 Nm 77.4 lb-ft			
Fuel tank capacity	Rollover protective structure (ROPS): 51.1 L 13.5 U.S. gal.			

	Cab: 44.7 L 11.8 U.S. gal.			
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Electrical

Battery size	500 CCA			
Alternator (12-V)	75 amp			
Starter size	1.4 kW 1.9 hp			

Fuel system

Type	High pressure common rail direct injection			
Fuel consumption	9.1 L/hr 2.4 gph			

Transmission

Standard transmission; forward/reverse	Gear 4WD / eHydro (electronic hydrostatic)			
Optional transmission; forward/reverse				
Left-hand reverser	Yes			
Transmission gear ranges	12F/12R PowrReverser (PRT) Infinitely variable - 3 range			
Final drive	Bull Gear			

Brakes	Multi-plate wet disc			
Steering	Hydrostatic power steering			
Clutch, wet/dry	Wet			
Clutch disk diameter wet clutch				
Axle capacity	Front 720-1450 kg 1587-3197 lbRear 2400 kg 5292 lb			
Creeper	SpeedMatch optional			
Cruise control	Standard			
Differential lock				
Drawbar maximum vertical load				

Hydraulics

Type				
Pump rated output	Steering 22.3 L/min 5.9 gpmImplement 32.5 L/min			

	8.6 gpm 54.5 L/min 14.4 gpm			
Pump type	Dual gear			
Maximum operating pressure	172.4 bar 2500 psi			
Draft control sensing	Position control			
Remote control valves available	Up to four rear remotes			

3-point hitch

Category	Category 1			
Lift capacity, 24-in. behind link arms	997.9 kg 2200 lb			

Power take-off (PTO)

Standard	Rear - 540 rpm			
Optional	Mid - 2100 rpm			
Control	Position control			
Clutch	Wet disc			
Brake (for mid and rear PTO)	Wet disc			
Engagement method	Electro-hydraulic			

Fluid capacities

Crankcase with filter	4.8 L 5.1 qt			
Transmission and hydraulic system	23.8 L 6.3 U.S. gal.			

Final drive

Type	Bull Gear			
Differential lock				

Operator station

Rollover protective structure	Type Foldable Yes			
Platform - flat/straddle	Flat			
Gear shift location - console/floor	Left-hand side			

Cab

Compliance	Complies with OSHA, SAE, and CSA standards for roll-over protection			
Visibility	360 degree (angle)			
Air conditioning, temperature differential				

Doors	Two			
Noise rating	80 dBA			
Seat equipment	Scissor-link			

Dimensions

Wheelbase	172.7 cm 68 in.			
Front axle clearance	31 cm 12.2 in.			
Turning radius with brakes	2.7 m 8.8 ft			
Turning radius without brakes	2.8 m 9.2 ft			
Limited slip differential				
Approximate shipping weight (open-station; cab)	Rollover protective structure (ROPS) - 1315.4 kg 2900 lb Cab - 1619.3 kg 3570 lb			

Tires

Front	Farm - 7-14 Turf (Gear 4WD) - 27x8.50-15			
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	Turf (HST 4WD) - 25x10.5LLx15 R4 - 25x8.5-14			
Rear	Farm - ?11.2-24 Turf - 41x14-20 or 41x18LL-16.1 R4 - 15-19.5			
Front tread range	114 cm 44.9 in.			
Rear tread spacing	103.1 cm 40.6 in.			