

John Deere

3039R

Compact Utility Tractor

Key Specs

Engine power (gross)	SAE J1995 rated power: 28.5 kW 38.2 hp 38.7 PS at 2600 rpm
Power take-off (PTO) power	PowrReverser™ transmission: 24.4 kW 32.8 hp eHydro™ transmission: 22.2 kW 29.8 hp
Steering hydraulics	23.5 L/min 6.2 gpm
Implement hydraulics	34.3 L/min 9.1 gpm
Hitch type	Category 1
Lift capacity, 24-in. behind link arms	995 kg 2194 lb
Standard transmission; forward/reverse	PowrReverser transmission
Cruise control	PowrReverser transmission: Not applicable eHydro transmission: Standard
Approximate shipping weight (open-station; cab)	Open operator station (OOS) PowrReverser transmission: 1363 kg 3005 lb OOS eHydro transmission: 1382 kg 3047 lb Cab eHydro transmission only: 1676 kg 3695 lb
Wheelbase	1727 mm 68 in.

Engine

Manufacturer	Yanmar®
Engine model	3TNV86CT-MJT
Engine power (gross)	SAE J1995 rated power: 28.5 kW 38.2 hp 38.7 PS at 2600 rpm
Power take-off (PTO) power	PowrReverser transmission: 24.4 kW 32.8 hp eHydro transmission: 22.2 kW 29.8 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	Three cylinders: 1.57 L 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	Liquid
Air cleaner	Dual element

Engine torque at rated speed	105 Nm 77.4 lb-ft
Fuel tank capacity	OOS: 37.4 L 10 U.S. gal. Cab eHydro transmission only: 47.6 L 12.6 U.S. gal.

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
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Transmission

Standard transmission; forward/reverse	PowrReverser transmission; 12F/12R
Optional transmission; forward/reverse	eHydro transmission
Left-hand reverser	PowrReverser transmission only
Transmission gear ranges	PowrReverser transmission: 12F/12R eHydro transmission: three-range, infinitely variable
Final drive	Spur gear
Brakes	Wet disk

Steering	Hydrostatic power steering
Clutch, wet/dry	PowrReverser transmission: Wet disk
Axle capacity	Front 1450 kg 3197 lb Rear 1850 kg 4079 lb
Cruise control	PowrReverser transmission: Not applicable eHydro transmission: Standard
Hydraulics	
Type	Open center
Pump rated output	Steering 23.5 L/min 6.2 gpm Implement 34.3 L/min 9.1 gpm 57.8 L/min 15.3 gpm
Pump type	Single gear
Maximum operating pressure	172 bar 2495 psi
Draft control sensing	Position control
Remote control valves available	Up to six rear remotes
3-point hitch	
Type	Category 1

**Lift capacity, 24-in.
behind link arms**

995 kg
2194 lb

Power take-off (PTO)

Standard

Independent rear: 540 rpm

Optional

PowrReverser transmission: Mid - not applicable
eHydro transmission: Mid - 2100 rpm

Control

Lever and switch

Clutch

Wet disk

**Brake (for mid and
rear PTO)**

Wet disk

Fluid capacities

Crankcase with filter

4.3 L
4.5 qt

**Transmission and
hydraulic system**

PowrReverser transmission: 24.6 L
6.5 U.S. gal.
eHydro transmission: 26.5 L
7 gal.
Cab eHydro transmission only: 26.5 L

Final drive

Type

Spur gear

Operator station

**Rollover protective
structure**

Type
Foldable

Platform - flat/straddle	One-piece semi flat
Gear shift location - console/floor	PowrReverser transmission: Right-hand side eHydro transmission: Not applicable

Cab

Compliance	Complies with OSHA, SAE, and CSA standards for rollover protection
Visibility	360 degree (angle)
Doors	Two
Noise rating	80 dBA
Seat equipment	Scissor-link

Dimensions

Wheelbase	1727 mm 68 in.
Front axle clearance	Minimum: 171 mm 6.7 in. Maximum: 299 mm 11.8 in.
Turning radius with brakes	2.7 m 8.8 ft
Turning radius without brakes	2.8 m 9.2 ft
Approximate shipping weight (open-station; cab)	OOS PowrReverser transmission: 1363 kg 3005 lb OOS eHydro transmission: 1382 kg 3047 lb Cab eHydro transmission only: 1676 kg 3695 lb

Front	R1 Bar: 7-14 R3 Turf : 27x8.50-15 R3 Turf Special: 25/10.5LLx15 R4 Industrial: 25x8.5-14 or 27x8.5-15
Rear	R1 Bar: 11.2-24 R3 Turf: 41x14-20 R3 Turf Special: 41x18LL-16.1 R4 Industrial: 15-19.5 or 43x16-20
Front tread range	1117 mm 44 in.
Rear tread spacing	1031 mm 40.6 in.