

John Deere

3038E

Compact Utility Tractor

Key Specs

Engine power (gross)

SAE J1995 rated power: 27.4 kW
36.7 hp
37.2 PS at 2500 rpm

Power take-off (PTO) power

22.4 kW
30 hp

Steering hydraulics

15.0 L/min
4.0 gpm

Implement hydraulics

20.2 L/min
5.3 gpm

Hitch type

Category 1

Lift capacity, 24-in. behind link arms

615 kg
1356 lb

Standard transmission; forward/reverse

Hydrostatic transmission (HST)

Cruise control

Optional

Approximate shipping weight (open-station; cab)

Open operator station (OOS): 1210 kg
2668 lb
Cab: Not applicable

Wheelbase

1593 mm
62.7 in.

Engine

Family	FYDXL1.57TDA EYDXL1.57TDA GYDXL1.57TDA
Manufacturer	Yanmar
Engine model	3TNV86CT-NJT2
Engine power (gross)	SAE J1995 rated power: 27.4 kW 36.7 hp 37.2 PS at 2500 rpm
Power take-off (PTO) power	22.4 kW 30 hp
Rated engine speed	2500 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	Dual element

Engine torque at rated speed

104.7 Nm
77.2 lb-ft

Fuel tank capacity

28.5 L
7.5 gal.

Electrical

Battery size

500 CCA

Alternator (12-V)

55 amp

Starter size

1.4 kW
1.9 hp

Fuel system

Type

High pressure common rail direct injection

Transmission

Standard transmission; forward/reverse

Hydrostatic transmission (HST)

Left-hand reverser

No

Final drive

Spur gear

Brakes

Wet disk

Steering

Power steering

Axle capacity

Front
880 kg
1940 lb
Rear
1200 kg
2645 lb

Creeper	No
Cruise control	Optional
Differential lock	Yes
Hydraulics	
Type	Open center
Pump rated output	Steering 15.0 L/min 4.0 gpm Implement 20.2 L/min 5.3 gpm 35.2 L/min 9.3 gpm
Pump type	Dual gear
Maximum operating pressure	172 bar 2495 psi
Draft control sensing	Position control
Remote control valves available	Up to two (optional)
3-point hitch	
Type	Category 1
Lift capacity, 24-in. behind link arms	615 kg 1356 lb

Power take-off (PTO)

Standard

Rear - 540 rpm

Control	Independent
Clutch	Wet disk
Brake (for mid and rear PTO)	Wet disk
Fluid capacities	
Crankcase with filter	4.5 L 4.8 qt
Transmission and hydraulic system	20.8 L 22 qt
Final drive	
Type	Spur gear
Differential lock	Yes
Operator station	
Rollover protective structure	Type Foldable
Platform - flat/straddle	Straddle
Gear shift location - console/floor	Left-hand side
Dimensions	
Wheelbase	1593 mm 62.7 in.

Front axle clearance

Minimum: 299 mm
11.8 in.
Maximum: 333 mm
13.1 in.

**Turning radius
without brakes**

2.9 m
9.4 ft

**Approximate shipping
weight (open-station;
cab)**

OOS: 1210 kg
2668 lb
Cab: Not applicable

Front

R1 Bar: 7-14
R3 Turf: 27x8.5-15
R4 Industrial: 25x8.5-14
R4 Industrial: 27x8.5-15

Rear

R1 Bar: 11.2-24
R3 Turf: 41x14-20
R4 Industrial: 15-19.5
R4 Industrial: 43x16-20