

John Deere

4044M

Compact Utility Tractor

Key Specs

Engine power (gross)	SAE J1995 rated power: 31.7 kW 42.5 hp 43.1 PS at 2600 rpm
Power take-off (PTO) power	PowrReverser™ transmission: 25 kW 33.6 hp eHydro™ transmission: 24.1 kW 32.3 hp Per SAE J1995
Steering hydraulics	23.5 L/min 6.2 gpm
Implement hydraulics	42.3 L/min 11.2 gpm
Hitch type	Category 1
Lift capacity, 24-in. behind link arms	1135 kg 2500 lb
Standard transmission; forward/reverse	PowrReverser transmission
Cruise control	Optional
Approximate shipping weight (open-station; cab)	Open operator station (OOS): 1705 kg 3759 lb Cab: Not applicable
Wheelbase	185.5 cm 73 in.

Engine

Family	EYDXL2.19NDA FYDXL2.19NDA GYDXL2.19NDA
Manufacturer	Yanmar®
Engine model	4TNV88C-MJT
Engine power (gross)	SAE J1995 rated power: 31.7 kW 42.5 hp 43.1 PS at 2600 rpm
Power take-off (PTO) power	PowrReverser transmission: 25 kWh 33.6 hp eHydro transmission: 24.1 kW 32.3 hp Per SAE J1995
Rated engine speed	2600 rpm
Type	Diesel
Injection pump type	High pressure common rail direct injection
Aspiration	Natural
Emissions compliance	Final Tier 4
Cylinders/displacement	4 / 2.189 L 4 / 133.5 cu in.
Number of cylinders	Four
Cylinder liners	Cast-in-block
Bore and stroke	88x90 mm 3.46x3.54 in.
Compression ratio	19.1:1

Lubrication	Pressurized
Cooling system	Liquid
Air cleaner	Dual element
Engine torque at rated speed	116 Nm 85.6 lb-ft
Fuel tank capacity	56.9 L 15 U.S. gal.

Electrical

Battery size	770 CCA
Alternator (12-V)	75 amp
Starter size	2 kW 2.68 hp

Fuel system

Type	High pressure common rail direct injection
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Transmission

Standard transmission; forward/reverse	PowrReverser transmission
Optional transmission; forward/reverse	eHydro transmission
Left-hand reverser	PowrReverser transmission only
Transmission gear ranges	12F/12R PowrReverser Infinitely-variable, three range

Final drive	Planetary
Brakes	Multi-plate wet disc
Steering	Hydrostatic power steering
Clutch, wet/dry	Wet
Clutch disk diameter wet clutch	129 mm 5.08 in.
Axle capacity	Front 1600 kg 3528 lb Rear 2400 kg 5292 lb
Creeper	No
Cruise control	Optional
Differential lock	Yes
Hydraulics	
Type	Open center
Pump rated output	Steering 23.5 L/min 6.2 gpm Implement 42.3 L/min 11.2 gpm 65.8 L/min 17.4 gpm
Pump type	Single gear
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

1135 kg
2500 lb

Power take-off (PTO)

Standard

Independent
540 rpm at 2600 rpm

Control

Position

Clutch

Wet disc

Fluid capacities

Crankcase with filter

5.3 L
1.4 qt

Transmission and hydraulic system

47.3 L
12.5 gal.

Final drive

Type

Planetary

Differential lock

Yes

Operator station

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

Dimensions

Wheelbase	185.5 cm 73 in.
Front axle clearance	35.1 cm 13.8 in.
Turning radius with brakes	2.8 m 9.19 ft
Turning radius without brakes	3.0 m 9.84 ft
Approximate shipping weight (open-station; cab)	OOS: 1705 kg 3759 lb Cab: Not applicable
Front	Farm - 8-16 Turf - 27x10.5-15 or 27x12LL-15 Industrial - 10-16.5
Rear	Farm - 13.6-28 Turf - 44x18-20 or 22.5LL-16.1 Industrial - 16.9Lx24
Front tread range	148.1 cm 58.3 in.
Rear tread spacing	137.2 cm 54 in.