

OVERVIEW

The Cat® 301.7D gives you a blend of power, control and stability to make your working day easier and more productive.

ENGINE

UNITS:

- US
- METRIC

Engine Model	Yanmar 3TNV76 Yanmar 3TNV76	More Less
Net Power	17.7 hp 13.2 kW	More Less
Displacement	40.0 in3 1116.0 cm3	More Less
Gross Power (ISO 14396)	24.3 hp 17.9 kW	More Less
Rated Net Power @ 2,200 rpm (ISO 9249)	17.7 hp 13.2 kW	More Less

WEIGHTS

Operating Weight	3810.0 lb 1728.0 kg	More Less
Operating Weight with Cab	3792.0 lb 1720.0 kg	More Less
Operating Weight with Cab and Extending Undercarriage	4068.0 lb 1845.0 kg	More Less
Operating Weight with Canopy	3550.0 lb 1610.0 kg	More Less
Operating Weight with Canopy and Extending Undercarriage	3825.0 lb 1735.0 kg	More Less

TRAVEL SYSTEM

Gradeability	30°/58% 30°/58%	More Less
Travel Speed	2.8 km/h/5.6 km/h (1.74 mph/3.48 mph) 2.8 km/h/5.6 km/h (1.74 mph/3.48 mph)	More Less

HYDRAULIC SYSTEM

Operating Pressure – Equipment	2900.0 psi 200.0 bar	More Less
Operating Pressure – Travel	2900.0 psi 200.0 bar	More

		Less
Operating Pressure – Swing	1813.0 psi 125.0 bar	More Less
Auxiliary Circuits – Primary	30 L/min at 170 bar (8 gal/min at 2,465 psi) 30 L/min at 170 bar (8 gal/min at 2,465 psi)	More Less
Auxiliary Circuits – Secondary	17 L/min at 200 bar (4.5 gal/min at 2,900 psi) 17 L/min at 200 bar (4.5 gal/min at 2,900 psi)	More Less
Maximum Bucket Force	4226.0 lb 18.8 kN	More Less
Maximum Stick Force – Long Stick	2203.0 lb 9.8 kN	More Less
Maximum Stick Force – Standard Stick	2518.0 lb 11.2 kN	More Less
Pump Flow @ 2,200 rpm	23.8 + 23.8 + 19.0 + 6.4 L/min (6.29 + 6.29 + 5.0 + 1.7 gal/min) 23.8 + 23.8 + 19.0 + 6.4 L/min (6.29 + 6.29 + 5.0 + 1.7 gal/min)	More Less

BLADE

Width	39.0 in 990.0 mm	More Less
Height	9.0 in 230.0 mm	More Less
Dig Depth – Standard Blade	12.5 in 317.0 mm	More Less
Lift Height – Standard Blade	8.0 in 197.0 mm	More Less

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	6.3 gal 24.0 L	More Less
Hydraulic Tank Capacity	5.5 gal 21.0 L	More Less

DIMENSIONS (APPROXIMATE) – STANDARD STICK

Boom Swing Angle (LH)	77°/64° 77°/64°	More Less
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Boom Swing Angle (RH)	48.0 Degrees 48.0 Degrees	More Less
Height	7.51 ft 2290.0 mm	More Less
Length of Undercarriage (Extending)	5.25 ft 1600.0 mm	More Less
Length of Undercarriage (Fixed)	4.74 ft 1445.0 mm	More Less
Maximum Boom Offset (LH)	1.18 ft 360.0 mm	More Less
Maximum Boom Offset (RH)	1.71 ft 520.0 mm	More Less
Maximum Dig Height	11.43 ft 3485.0 mm	More Less
Maximum Digging Depth	7.22 ft 2200.0 mm	More Less
Maximum Dozer Dig Depth	1.0 ft 320.0 mm	More Less
Maximum Dozer Lift Height	8.0 in 200.0 mm	More Less
Maximum Dump Height	8.2 ft 2500.0 mm	More Less
Maximum Reach at Ground Level	12.14 ft 3700.0 mm	More Less
Maximum Vertical Dig Depth	4.69 ft 1430.0 mm	More Less
Tail Swing Radius	3.84 ft 1170.0 mm	More Less
Transport Length (Arm Lowered)	12.65 ft 3855.0 mm	More Less
Undercarriage Width (Extended)	4.27 ft 1300.0 mm	More Less
Undercarriage Width (Retracted)	3.25 ft 990.0 mm	More Less
Width	3.25 ft 990.0 mm	More Less
DIMENSIONS (APPROXIMATE) – LONG STICK		
Boom Swing Angle (LH)	77°/64° 77°/64°	More Less

Boom Swing Angle (RH)	48.0 Degrees 48.0 Degrees	More Less
Height	7.51 ft 2290.0 mm	More Less
Length of Undercarriage (Extending)	5.25 ft 1600.0 mm	More Less
Length of Undercarriage (Fixed)	4.74 ft 1445.0 mm	More Less
Maximum Boom Offset (LH)	1.18 ft 360.0 mm	More Less
Maximum Boom Offset (RH)	1.71 ft 520.0 mm	More Less
Maximum Dig Height	11.79 ft 3595.0 mm	More Less
Maximum Digging Depth	7.87 ft 2400.0 mm	More Less
Maximum Dozer Dig Depth	1.0 ft 320.0 mm	More Less
Maximum Dozer Lift Height	8.0 in 200.0 mm	More Less
Maximum Dump Height	8.56 ft 2610.0 mm	More Less
Maximum Reach at Ground Level	12.78 ft 3895.0 mm	More Less
Maximum Vertical Dig Depth	5.31 ft 1620.0 mm	More Less
Tail Swing Radius	3.84 ft 1170.0 mm	More Less
Transport Length (Arm Lowered)	12.65 ft 3855.0 mm	More Less
Undercarriage Width (Extended)	4.27 ft 1300.0 mm	More Less
Undercarriage Width (Retracted)	3.25 ft 990.0 mm	More Less
Width	3.25 ft 990.0 mm	More Less
OPERATING SPECIFICATIONS		
Machine Overhang	19.5 in 495.0 mm	More Less

Stick Length – Long

46.0 in 1180.0 mm

[More](#) [Less](#)

Stick Length – Standard

39.6 in
