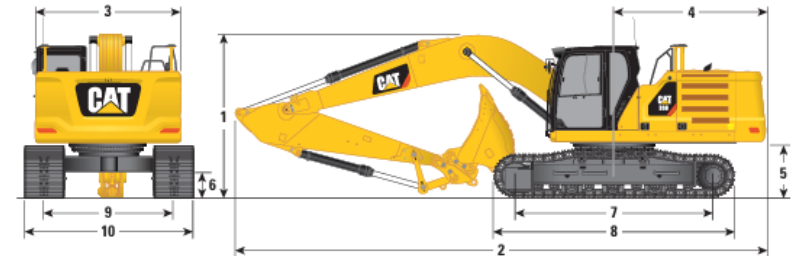


330 NEXT GEN EXCAVATOR | 30T

PRODUCT SPECIFICATIONS

CAT

Engine	
Engine Model	CAT C7.1
Gross Power – ISO 14396/SAE J1995	205 kW / 275 hp
Net Power – ISO 9249	204 kW / 273 hp
Net Power – SAE J1349	203 kW / 272 hp
Engine RPM	
Operation	1,750 rpm
Travel	1,750 rpm
Bore	105 mm / 4 in
Stroke	135 mm / 5 in
Displacement	7.01 L / 428 in ³
Hydraulic System	
Main System – Maximum Flow (Implement)	560 L/min / 148 gal/min
Maximum Pressure – Equipment – Normal	35,000 kPa / 5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode	38,000 kPa / 5,510 psi
Maximum Pressure – Travel	35,000 kPa / 5,075 psi
Maximum Pressure – Swing	29,800 kPa / 4,320 psi
Machine Weight	
Operating Weight – 800 mm (31") triple grouser shoes	30,900 kg / 68,125 lb
Reach boom, R3.2 m (10'6") stick, HD 1.76 m ³ (2.30 yd ³) bucket, 800 mm (31") triple grouser shoes and 6700 kg (14,770 lb) counterweight.	
Operating Weight – 600 mm (24") triple grouser shoes	29,900 kg / 65,920 lb
Reach boom, R3.2 m (10'6") stick, HD 1.76 m ³ (2.30 yd ³) bucket, 600 mm (24") triple grouser shoes and 6700 kg (14,770 lb) counterweight.	
Service Refill Capacities	
Fuel Tank	474 L / 125.2 gal
Cooling System	25 L / 6.6 gal
Engine Oil	25 L / 6.6 gal
Swing Drive	10 L / 2.6 gal
Final Drive (each)	5.5 L / 1.5 gal
Hydraulic System (including tank)	310 L / 81.9 gal
Hydraulic Tank	147 L / 38.8 gal
DEF Tank	41 L / 10.8 gal



Boom Options	HD Reach Boom 6.15 m (20'2")		Mass Boom 5.55 m (18'2")	
	HD Reach Stick		Mass Stick	
Stick Options	R3.2CB2 (10'6")	R2.65CB2 (8'8")	M2.5DB (8'2")	
1 Machine Height:				
Cab Height	3060 mm	10'0"	3060 mm	10'0"
FOGS Height	3200 mm	10'6"	3200 mm	10'6"
Handrails Height	3060 mm	10'0"	3060 mm	10'0"
With Boom/Stick/Bucket Installed	3400 mm	11'2"	3450 mm	11'4"
With Boom/Stick Installed	3380 mm	11'1"	3380 mm	11'1"
With Boom Installed	3060 mm	10'0"	3060 mm	10'0"
2 Machine Length:				
With Boom/Stick/Bucket Installed	10 420 mm	34'2"	10 420 mm	34'2"
With Boom/Stick Installed	10 420 mm	34'2"	9850 mm	32'4"
With Boom Installed	9230 mm	30'3"	9230 mm	30'3"
3 Upperframe Width without Walkways				
	2940 mm	9'8"	2940 mm	9'8"
4 Tail Swing Radius				
	3130 mm	10'3"	3130 mm	10'3"
5 Counterweight Clearance				
	1120 mm	3'8"	1120 mm	3'8"
6 Ground Clearance				
	490 mm	1'7"	490 mm	1'7"
7 Length to Center of Rollers				
	3990 mm	13'1"	3990 mm	13'1"
8 Track Length				
	4860 mm	15'11"	4860 mm	15'11"
9 Track Gauge – Extended				
	2590 mm	8'6"	2590 mm	8'6"
Track Width:				
600 mm (24") Shoes	600 mm	24"	600 mm	24"
700 mm (28") Shoes	700 mm	28"	700 mm	28"
800 mm (31") Shoes	800 mm	31"	800 mm	31"
900 mm (35") Shoes	900 mm	35"	900 mm	35"
10 Undercarriage Width (with steps/without steps):				
600 mm (24") Shoes	3190 mm	10'6"	3190 mm	10'6"
700 mm (28") Shoes	3290 mm	10'10"	3290 mm	10'10"
800 mm (31") Shoes	3390 mm	11'1"	3390 mm	11'1"
900 mm (35") Shoes	3490 mm	11'5"	3490 mm	11'5"
Bucket Type				
	HD	HD	HD	
Bucket Capacity	1.80 m ³	2.35 yd ³	1.80 m ³	2.35 yd ³
Bucket Tip Radius	1662 mm	5'5"	1662 mm	5'5"

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