



# 336

## Hydraulic Excavator

# Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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## Engine

Engine Model	Cat® C7.1 TTA	
Engine Power		
ISO 9249	223.5 kW	300 hp
ISO 9249 (DIN)	304 PS	
Engine Power		
ISO 14396	225 kW	302 hp
ISO 14396 (DIN)	306 PS	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in <sup>3</sup>
Biodiesel capability	Up to B20 <sup>(1)</sup>	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
  - Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
  - Net power is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 2,000 rpm.
- <sup>(1)</sup>Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible\* with ULSD blended with the following lower-carbon intensity fuels\*\* up to:
- ✓ 20% biodiesel FAME (fatty acid methyl ester) \*\*\*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil), and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

\* While Cat engines are compatible with these alternative fuels, some regions may not allow their use.

\*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

\*\*\* Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

## Swing Mechanism

Swing Speed*	8.84 rpm	
Maximum Swing Torque	143 kN·m	105,250 lbf·ft

\*For CE-marked machine default value may be set lower.

## Weights

Operating Weight	37 700 kg	83,100 lb
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- Long Wide Undercarriage, Mass Boom, M2.55TB (8'4") Stick, Severe Duty V-Edge (SDV) 2.41 m<sup>3</sup> (3.15 yd<sup>3</sup>) Bucket, 600 mm (24") Heavy Duty (HD) Triple Grouser Shoes, 6.8 mt (15,000 lb) Counterweight.

## Track

Track Shoes Width	600 mm	24 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

## Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	4.7 km/h	2.9 mph
Maximum Drawbar Pull	302.5 kN	68,005 lbf

## Hydraulic System

Main System – Maximum Flow – Implement	560 L/min (280 × 2 pumps)	148 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	29 400 kPa	4,264 psi
Boom Cylinder – Bore	150 mm	6 in
Boom Cylinder – Stroke	1440 mm	57 in
Stick Cylinder – Bore	170 mm	7 in
Stick Cylinder – Stroke	1738 mm	68 in
DB Bucket Cylinder – Bore	150 mm	6 in
DB Bucket Cylinder – Stroke	1151 mm	45 in
TB Bucket Cylinder – Bore	160 mm	6 in
TB Bucket Cylinder – Stroke	1356 mm	53 in

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## Service Refill Capacities

Fuel Tank Capacity	600 L	158.5 gal
Cooling System	39 L	10.2 gal
Engine Oil (with filter)	25 L	6.6 gal
Swing Drive	18 L	4.8 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	373 L	98.5 gal
Hydraulic Tank (including suction pipe)	161 L	42.5 gal
Diesel Exhaust Fluid (DEF) Tank	50 L	13.2 gal

## Standards

Brakes	ISO 10265:2008
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008

## Sound Performance

ISO 6395:2008 (external)	105 dB(A)
ISO 6396:2008 (inside cab)	72 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Cat machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - If equipped with R134a (Global Warming Potential = 1430), the system contains .90 kg (1.984 lb.) of refrigerant, which has a CO<sub>2</sub> equivalent of 1.287 metric tonnes (1.419 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.780 kg (1.719 lb.) of refrigerant, which has a CO<sub>2</sub> equivalent of 0.001 metric tonnes (0.001 tons).

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## Operating Weights and Ground Pressures

Base Machine Configurations	600 mm (24") Triple Grouser Shoes HD	
	Weight	Ground Pressure
<b>Base Frame with Track Rollers and Carrier Rollers for Long Wide Undercarriage</b>		
<b>6.8 mt (15,000 lb) Counterweight + Long Wide Undercarriage Base Machine + HD Reach Boom</b>		
HD R3.2 m (10'6") DB Stick, 2.12 m <sup>3</sup> (2.77 yd <sup>3</sup> ) General Duty (GD) Bucket	36 200 kg (79,800 lb)	67.5 kPa (9.8 psi)
<b>7.56 mt (16,700 lb) Counterweight + Long Wide Undercarriage Base Machine + HD Reach Boom</b>		
HD R3.2 m (10'6") DB Stick, 2.12 m <sup>3</sup> (2.77 yd <sup>3</sup> ) GD Bucket	37 100 kg (81,700 lb)	69.1 kPa (10.0 psi)
<b>6.8 mt (15,000 lb) Counterweight + Long Wide Undercarriage Base Machine + Mass Boom</b>		
M2.55 m (8'4") TB Stick, 2.41 m <sup>3</sup> (3.15 yd <sup>3</sup> ) SDV Bucket	37 700 kg (83,100 lb)	70.2 kPa (10.2 psi)
<b>7.56 mt (16,700 lb) Counterweight + Long Wide Undercarriage Base Machine + Mass Boom</b>		
M2.55 m (8'4") TB Stick, 2.41 m <sup>3</sup> (3.15 yd <sup>3</sup> ) SDV Bucket	38 500 kg (84,900 lb)	71.8 kPa (10.4 psi)

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

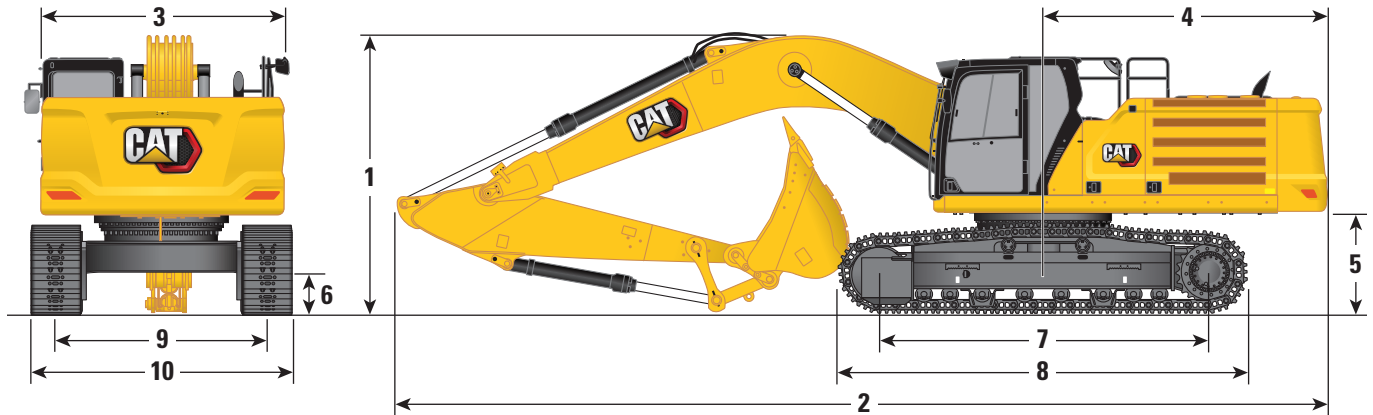
## Major Component Weights

	kg	lb
Base Machine with 6.8 mt (15,000 lb) Counterweight, Standard Swing Frame, Base Frame with Track Rollers and Carrier Rollers for Long Wide Undercarriage	24 160	53,270
Base Machine with 7.56 mt (16,700 lb) Counterweight, HD Swing Frame, Base Frame with Track Rollers and Carrier Rollers for Long Wide Undercarriage	25 020	55,160
Track Shoes:		
600 mm (24") Width, 15.5 mm (0.61") Thick, HD Triple Grouser Track Shoes	4750	10,470
Two Boom Cylinders	670	1,470
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	550	1,210
Counterweights:		
6.8 mt (15,000 lb) Counterweight	6800	14,990
7.56 mt (16,700 lb) Counterweight	7560	16,670
Swing Frames:		
Standard Swing Frame	3160	6,960
HD Swing Frame	3260	7,180
Undercarriage:		
Base Frame with Track Rollers and Carrier Rollers	8750	19,290
Booms (including lines, pins, stick cylinder):		
Mass Boom 6.18 m (20'3")	3500	7,710
HD Reach Boom 6.5 m (21'4")	3480	7,670
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Mass Stick M2.55TB (8'4")	2120	4,680
HD Reach Stick R3.2DB (10'6")	1920	4,220
Buckets (without linkage):		
2.12 m <sup>3</sup> (2.77 yd <sup>3</sup> ) General Duty (GD)	1360	3,000
2.41 m <sup>3</sup> (3.15 yd <sup>3</sup> ) Severe Duty Excavation (SDV)	2550	5,630
Quick Couplers (QC):		
CW Dedicated QC	480	1,050
Pin Grabber QC	700	1,550

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## Dimensions

All dimensions are approximate and may vary depending on bucket selection.

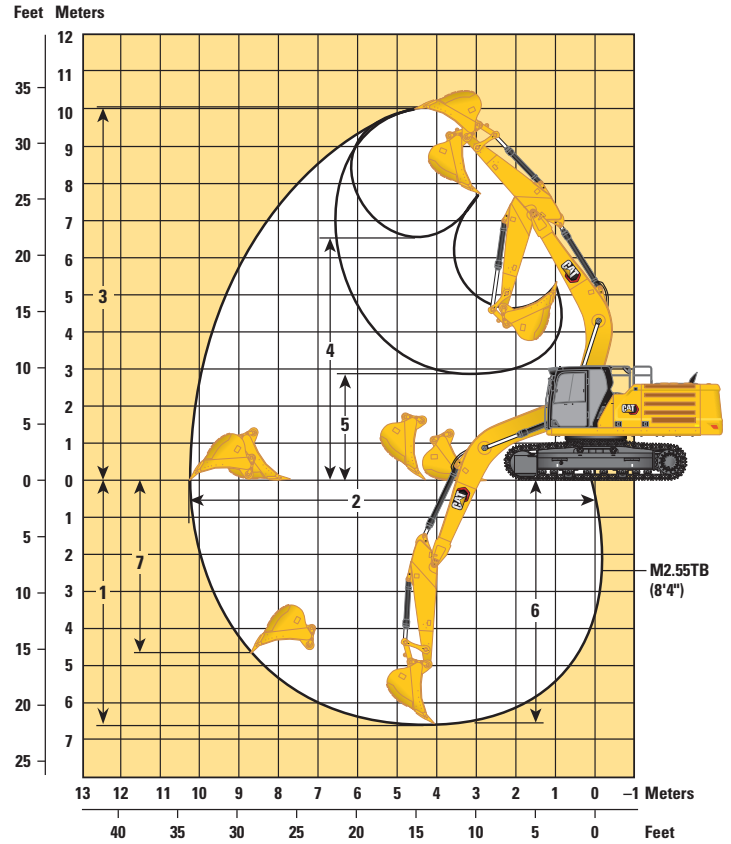
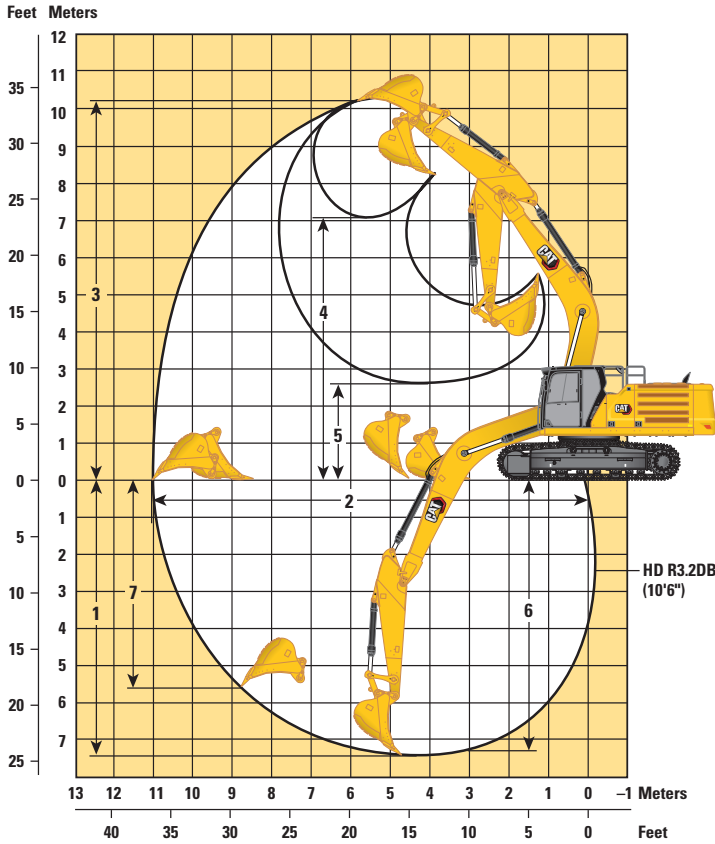


Undercarriage Option	Long Wide Undercarriage			
	HD Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Boom Options	Reach Stick		Mass Stick	
Stick Options	HD R3.2DB (10'6")		M2.55TB (8'4")	
<b>1 Machine Height:</b>				
Cab Height	3180 mm	10'5"	3180 mm	10'5"
OPG Height	3330 mm	10'11"	3330 mm	10'11"
Guardrails/Handrails Height	3180 mm	10'5"	3180 mm	10'5"
With Boom/Stick/Bucket Installed	3430 mm	11'3"	3620 mm	11'11"
With Boom/Stick Installed	3330 mm	10'11"	3410 mm	11'2"
With Boom Installed	2880 mm	9'5"	2830 mm	9'3"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3490 mm	11'5"	3620 mm	11'11"
With Boom/Stick Installed (with auxiliary lines)	3410 mm	11'2"	3420 mm	11'3"
With Boom Installed (with auxiliary lines)	2970 mm	9'9"	2900 mm	9'6"
<b>2 Machine Length:</b>				
With Boom/Stick/Bucket Installed	11 150 mm	36'7"	10 880 mm	35'8"
With Boom/Stick Installed	11 120 mm	36'6"	10 830 mm	35'6"
With Boom Installed	9960 mm	32'8"	9640 mm	31'8"
With Boom/Stick/Bucket Installed (with auxiliary lines)	11 150 mm	36'7"	10 880 mm	35'8"
With Boom/Stick Installed (with auxiliary lines)	11 120 mm	36'6"	10 830 mm	35'6"
With Boom Installed (with auxiliary lines)	10 010 mm	32'10"	9640 mm	31'8"
<b>3 Upperframe Width – Without Walkways</b>	2970 mm	9'9"	2970 mm	9'9"
<b>4 Tail Swing Radius</b>	3530 mm	11'7"	3530 mm	11'7"
<b>5 Counterweight Clearance</b>	1260 mm	4'2"	1260 mm	4'2"
<b>6 Ground Clearance</b>	510 mm	1'8"	510 mm	1'8"
<b>7 Track Length – Length to Center of Rollers</b>	4040 mm	13'3"	4040 mm	13'3"
<b>8 Track Length</b>	5030 mm	16'6"	5030 mm	16'6"
<b>9 Track Gauge – Extended</b>	2740 mm	9'0"	2740 mm	9'0"
<b>10 Track Width/Undercarriage Width (with steps):</b>				
600 mm (24") Shoes	3340 mm	10'11"	3340 mm	10'11"
Bucket Type	GD		SDV	
Bucket Capacity	2.12 m <sup>3</sup>	2.77 yd <sup>3</sup>	2.41 m <sup>3</sup>	3.15 yd <sup>3</sup>
Bucket Tip Radius	1750 mm	5.7 ft	1980 mm	6.5 ft

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## Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.



### Undercarriage Option

#### Boom Options

#### Stick Options

### Long Wide Undercarriage

#### HD Reach Boom 6.5 m (21'4")

#### Mass Boom 6.18 m (20'3")

#### Reach Stick

#### Mass Stick

#### HD R3.2DB (10'6")

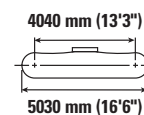
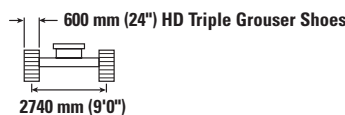
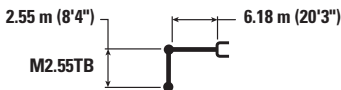
#### M2.55TB (8'4")












<b>1</b> Maximum Digging Depth	7470 mm	24'6"	6720 mm	22'1"
<b>2</b> Maximum Reach at Ground Line	11 020 mm	36'2"	10 340 mm	33'11"
<b>3</b> Maximum Cutting Height	10 300 mm	33'10"	10 010 mm	32'10"
<b>4</b> Maximum Loading Height	7130 mm	23'5"	6550 mm	21'6"
<b>5</b> Minimum Loading Height	2630 mm	8'8"	2860 mm	9'5"
<b>6</b> Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7310 mm	24'0"	6550 mm	21'6"
<b>7</b> Maximum Vertical Wall Digging Depth	5590 mm	18'4"	4670 mm	15'4"
Bucket Digging Force (ISO)	212 kN	47,610 lbf	263 kN	59,220 lbf
Stick Digging Force (ISO)	167 kN	37,470 lbf	190 kN	42,780 lbf
Bucket Digging Force (ISO) – auto dig boost	230 kN	51,690 lbf	286 kN	64,300 lbf
Stick Digging Force (ISO) – auto dig boost	181 kN	40,680 lbf	207 kN	46,440 lbf
Bucket Type	GD		SDV	
Bucket Capacity	2.12 m <sup>3</sup>	2.77 yd <sup>3</sup>	2.41 m <sup>3</sup>	3.15 yd <sup>3</sup>
Bucket Tip Radius	1750 mm	5.7 ft	1980 mm	6.5 ft

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## Mass Boom Lift Capacities – Counterweight: 6.8 mt (15,000 lb) – without Bucket, Heavy Lift: On

Long Wide Undercarriage



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					*10 150 *22,400	*10 150 *22,400			*9000 *19,900	*9000 *19,900	6580 21'3"
6000 mm 20'0"	kg lb					*10 500 *22,850	*10 500 22,650	*9800	7250	*8550 *18,850	7050 15,750	7600 24'8"
4500 mm 15'0"	kg lb			*14 700 *31,550	*14 700 *31,550	*11 650 *25,300	10 050 21,700	*10 250 *22,300	7100 15,200	*8550 *18,850	6100 13,450	8210 26'10"
3000 mm 10'0"	kg lb			*18 000 *38,650	14 500 31,250	*13 150 *28,450	9500 20,500	10 200 21,950	6800 14,650	8350 18,400	5600 12,300	8520 27'11"
1500 mm 5'0"	kg lb			*20 000 *43,200	13 650 29,350	14 000 30,100	9050 19,450	9950 21,350	6550 14,150	8150 17,950	5450 11,950	8550 28'0"
0 mm 0'0"	kg lb			*20 200 *43,800	13 350 28,700	13 700 29,400	8750 18,850	9750 21,000	6400 13,800	8400 18,550	5550 12,250	8310 27'3"
-1500 mm -5'0"	kg lb	*17 800 *40,400	*17 800 *40,400	*19 200 *41,650	13 350 28,700	13 600 29,250	8700 18,700	9750 21,000	6400 13,800	9250 20,450	6100 13,450	7780 25'5"
-3000 mm -10'0"	kg lb	*22 000 *47,800	*22 000 *47,800	*16 950 *36,600	13 600 29,200	*12 900 *27,650	8800 19,000			*10 600 *23,350	7350 16,300	6880 22'5"
-4500 mm -15'0"	kg lb			*12 450 *26,300	*12 450 *26,300					*9850 *21,500	*9850 *21,500	5430 17'6"



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

There may be local regulations and/or government regulations that govern the use of excavators for lifting heavy objects. Obey all local and government regulations.

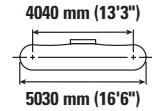
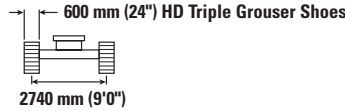
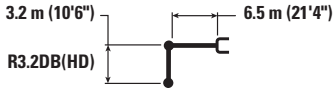
Regional regulations may require the use of an overload warning device and boom and stick lowering control valves during object handling applications.

Contact your Cat dealer for additional information.

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## HD Reach Boom Lift Capacities – Counterweight: 6.8 mt (15,000 lb) – without Bucket, Heavy Lift: On

Long Wide Undercarriage



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		mm ft/in		
7500 mm 25'0"	kg lb							*8700	7650			*7350 *16,200	7300 *16,200	7700 24'11"
6000 mm 20'0"	kg lb							*8800 *19,250	7600 16,300			*7150 *15,700	6000 13,350	8580 27'11"
4500 mm 15'0"	kg lb			*13 400	*13 400	*10 800 *23,350	10 400 22,400	*9450 *20,600	7350 15,800	8000	5450	*7200 *15,800	5300 11,750	9130 29'10"
3000 mm 10'0"	kg lb			*17 000 *36,500	14 950 32,250	*12 500 *27,000	9800 21,100	*10 350 *22,450	7050 15,150	7850 16,900	5350 11,450	7350 16,150	4950 10,900	9410 30'10"
1500 mm 5'0"	kg lb			*19 600 *42,250	13 950 30,050	*14 000 *30,250	9250 19,950	10 150 21,800	6750 14,550	7700 16,550	5200 11,150	7150 15,800	4850 10,600	9440 30'11"
0 mm 0'0"	kg lb			*20 400 *44,200	13 550 29,100	13 850 29,800	8950 19,200	9900 21,300	6550 14,100	7600 16,350	5100 10,900	7350 16,150	4900 10,800	9220 30'2"
-1500 mm -5'0"	kg lb	*14 050 *31,750	*14 050 *31,750	*20 000 *43,400	13 450 28,900	13 700 29,450	8800 18,900	9800 21,050	6450 13,900			7900 17,400	5250 11,600	8750 28'7"
-3000 mm -10'0"	kg lb	*22 150 *50,150	*22 150 *50,150	*18 550 *40,200	13 550 29,150	13 750 29,500	8800 18,950	9850 21,200	6500 14,000			9050 20,100	6000 13,350	7960 25'11"
-4500 mm -15'0"	kg lb	*20 900 *44,950	*20 900 *44,950	*15 750 *33,800	13 900 29,850	*11 900 *25,350	9050 19,500					*10 050 *22,100	7750 17,300	6750 21'10"



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

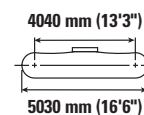
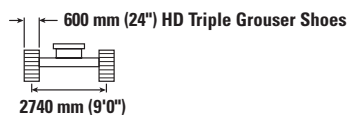
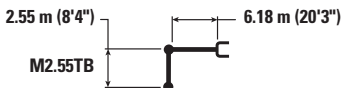
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










# 336 Hydraulic Excavator Specifications

## Mass Boom Lift Capacities – Counterweight: 7.56 mt (16,700 lb) – without Bucket, Heavy Lift: On

Long Wide Undercarriage



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					*10 150 *22,400	*10 150 *22,400			*9000 *19,900	*9000 *19,900	6580 21'3"
6000 mm 20'0"	kg lb					*10 500 *22,850	*10 500 22,650	*9800	7250	*8550 *18,850	7050 15,750	7600 24'8"
4500 mm 15'0"	kg lb			*14 700 *31,550	*14 700 *31,550	*11 650 *25,300	10 050 21,700	*10 250 *22,300	7100 15,200	*8550 *18,850	6100 13,450	8210 26'10"
3000 mm 10'0"	kg lb			*18 000 *38,650	14 500 31,250	*13 150 *28,450	9500 20,500	10 200 21,950	6800 14,650	8350 18,400	5600 12,300	8520 27'11"
1500 mm 5'0"	kg lb			*20 000 *43,200	13 650 29,350	14 000 30,100	9050 19,450	9950 21,350	6550 14,150	8150 17,950	5450 11,950	8550 28'0"
0 mm 0'0"	kg lb			*20 200 *43,800	13 350 28,700	13 700 29,400	8750 18,850	9750 21,000	6400 13,800	8400 18,550	5550 12,250	8310 27'3"
-1500 mm -5'0"	kg lb	*17 800 *40,400	*17 800 *40,400	*19 200 *41,650	13 350 28,700	13 600 29,250	8700 18,700	9750 21,000	6400 13,800	9250 20,450	6100 13,450	7780 25'5"
-3000 mm -10'0"	kg lb	*22 000 *47,800	*22 000 *47,800	*16 950 *36,600	13 600 29,200	*12 900 *27,650	8800 19,000			*10 600 *23,350	7350 16,300	6880 22'5"
-4500 mm -15'0"	kg lb			*12 450 *26,300	*12 450 *26,300					*9850 *21,500	*9850 *21,500	5430 17'6"



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

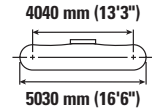
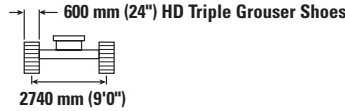
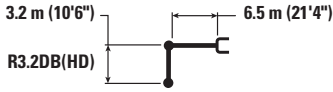
Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336 Hydraulic Excavator Specifications

## HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,700 lb) – without Bucket, Heavy Lift: On

Long Wide Undercarriage



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
7500 mm 25'0"	kg lb							*8700	8100			*7350 *16,200	*7350 *16,200	7700 24'11"
6000 mm 20'0"	kg lb							*8800 *19,250	8050 17,250			*7150 *15,700	6400 14,200	8580 27'11"
4500 mm 15'0"	kg lb			*13 400	*13 400	*10 800 *23,350	*10 800 *23,350	*9450 *20,600	7800 16,800	*8450	5800	*7200 *15,800	5700 12,550	9130 29'10"
3000 mm 10'0"	kg lb			*17 000 *36,500	15 850 34,150	*12 500 *27,000	10 400 22,400	*10 350 *22,450	7500 16,150	8300 17,850	5700 12,200	*7450 *16,400	5300 11,700	9410 30'10"
1500 mm 5'0"	kg lb			*19 600 *42,250	14 850 32,000	*14 000 *30,250	9850 21,250	10 700 23,000	7200 15,550	8150 17,500	5550 11,900	7600 16,700	5150 11,350	9440 30'11"
0 mm 0'0"	kg lb			*20 400 *44,200	14 450 31,050	14 650 31,450	9550 20,500	10 450 22,500	7000 15,050	8050 17,300	5450 11,700	7750 17,100	5250 11,550	9220 30'2"
-1500 mm -5'0"	kg lb	*14 050 *31,750	*14 050 *31,750	*20 000 *43,400	14 350 30,800	14 500 31,100	9400 20,200	10 350 22,250	6900 14,850			8350 18,400	5650 12,400	8750 28'7"
-3000 mm -10'0"	kg lb	*22 150 *50,150	*22 150 *50,150	*18 550 *40,200	14 450 31,050	*14 150 *30,550	9400 20,250	10 400 22,400	6950 15,000			9600 21,250	6450 14,250	7960 25'11"
-4500 mm -15'0"	kg lb	*20 900 *44,950	*20 900 *44,950	*15 750 *33,800	14 800 31,800	*11 900 *25,350	9650 20,800					*10 050 *22,100	8250 18,450	6750 21'10"



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 336 Hydraulic Excavator Specifications

## Typical Pass Match Guide

For maximum production and efficiency, we recommend that loading and hauling machines are matched to achieve optimal performance.

### Configuration:\*

Long Wide Undercarriage, Mass Boom, M2.55TB (8'4") Stick, Severe Duty V-Edge (SDV) 2.41 m<sup>3</sup> (3.15 yd<sup>3</sup>) Bucket, 600 mm (24") Heavy Duty (HD) Triple Grouser Shoes, and 6.8 mt (15,000 lb) Counterweight.

### Passes Required to Fill Trucks to Rated Capacity

Material Type	Material Density	Cat Articulated Trucks							Cat Off-Highway Trucks				
		725	730 EJ	730	735	740 GC	740 EJ	745	770G	772G	773E	773G	775G
Earth	1600 kg/m <sup>3</sup> (2,700 lb/yd <sup>3</sup> )	6	7	7	8	10	9	11	10	12	14	14	17
Limestone	1540 kg/m <sup>3</sup> (2,600 lb/yd <sup>3</sup> )	7	8	8	10	11	11	12	11	14	17	17	19

\*The indicated pass match reflects the machine configuration, fill factor, and typical material density shown. Changes to machine configurations, fill factors, or material density as well as jobsite-specific factors may influence exact pass match recommendations for your application. Consult your Cat dealer for more information.

# 336 Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage		
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%	6.8 mt (15,000 lb) Counterweight	
										Reach HD	Mass
										R3.2 (10'6") HD	M2.55 (8'4")
<b>Pin-On (No Quick Coupler)</b>											
General Duty	DB	1650	65	2.12	2.77	1361	3,000	100	⊙		
	DB	1800	71	2.36	3.09	1465	3,231	100	⊖		
	DB	1750	69	2.50	3.27	1535	3,381	100	⊖		
Heavy Duty	DB	1500	59	1.88	2.46	1653	3,641	100	⊙		
	DB	1650	65	2.12	2.77	1741	3,834	100	⊖		
	DB	1800	72	2.36	3.08	1774	3,911	100	⊖		
	DB	1750	69	2.50	3.27	1851	4,077	100	○		
Severe Duty – V Edge	DB	1500	59	1.91	2.50	1666	3,672	90	●		
	DB	1650	66	2.15	2.81	1802	3,972	90	⊙		
	DB	1800	71	2.30	3.01	1991	4,385	90	⊖		
General Duty	TB	1800	71	2.60	3.40	2119	4,671	100		⊖	
	TB	2050	81	3.00	3.92	2492	5,488	100		○	
Heavy Duty	TB	1750	69	2.50	3.27	2258	4,978	100		⊖	
	TB	1850	72	2.69	3.52	2387	5,262	100		○	
	TB	1900	75	2.80	3.66	2548	5,612	100		○	
Severe Duty	TB	1600	63	2.20	2.88	2416	5,321	90		⊙	
	TB	1800	71	2.60	3.40	2618	5,766	90		⊖	
Severe Duty – V Edge	TB	1650	66	2.41	3.15	2367	5,218	90		⊙	
	TB	1700	67	2.41	3.15	2597	5,720	90		⊖	
	TB	1900	75	2.78	3.64	2844	6,264	90		○	
	TB	1900	75	2.80	3.66	2601	5,728	90		○	
Extreme Duty – V Edge Power	TB	1850	73	2.50	3.27	2931	6,455	90		○	
Maximum load with pin-on (payload + bucket)								kg	5220	6100	
								lb	11,508	13,448	

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

### Maximum Material Density:

- 2100 kg/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>)
- ⊙ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage		
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%	7.56 mt (16,700 lb) Counterweight	
										Reach HD	Mass
									R3.2 (10'6" HD)	M2.55 (8'4")	
<b>Pin-On (No Quick Coupler) (continued)</b>											
General Duty	DB	1650	65	2.12	2.77	1361	3,000	100	●		
	DB	1800	71	2.36	3.09	1465	3,231	100	⊙		
	DB	1750	69	2.50	3.27	1535	3,381	100	⊖		
Heavy Duty	DB	1500	59	1.88	2.46	1653	3,641	100	●		
	DB	1650	65	2.12	2.77	1741	3,834	100	⊙		
	DB	1800	72	2.36	3.08	1774	3,911	100	⊖		
	DB	1750	69	2.50	3.27	1851	4,077	100	⊖		
Severe Duty – V Edge	DB	1500	59	1.91	2.50	1666	3,672	90	●		
	DB	1650	66	2.15	2.81	1802	3,972	90	⊙		
	DB	1800	71	2.30	3.01	1991	4,385	90	⊙		
General Duty	TB	1800	71	2.60	3.40	2119	4,671	100		⊙	
	TB	2050	81	3.00	3.92	2492	5,488	100		○	
Heavy Duty	TB	1750	69	2.50	3.27	2258	4,978	100		⊙	
	TB	1850	72	2.69	3.52	2387	5,262	100		⊖	
	TB	1900	75	2.80	3.66	2548	5,612	100		⊖	
Severe Duty	TB	1600	63	2.20	2.88	2416	5,321	90		●	
	TB	1800	71	2.60	3.40	2618	5,766	90		⊖	
Severe Duty – V Edge	TB	1650	66	2.41	3.15	2367	5,218	90		⊙	
	TB	1700	67	2.41	3.15	2597	5,720	90		⊙	
	TB	1900	75	2.78	3.64	2844	6,264	90		⊖	
	TB	1900	75	2.80	3.66	2601	5,728	90		⊖	
Extreme Duty – V Edge Power	TB	1850	73	2.50	3.27	2931	6,455	90		⊖	
Maximum load with pin-on (payload + bucket)								kg	5620	6570	
								lb	12,390	14,484	

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

### Maximum Material Density:

- 2100 kg/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>)
- ⊙ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		6.8 mt (15,000 lb) Counterweight	
									Reach HD	Mass
									R3.2 (10'6") HD	M2.55 (8'4")
<b>With Cat Pin Grabber Coupler</b>										
General Duty	DB	1650	65	2.12	2.77	1361	3,000	100	⊖	
	DB	1800	71	2.36	3.09	1465	3,231	100	○	
	DB	1750	69	2.50	3.27	1535	3,381	100	○	
Heavy Duty	DB	1500	59	1.88	2.46	1653	3,641	100	⊖	
	DB	1650	65	2.12	2.77	1741	3,834	100	○	
	DB	1800	72	2.36	3.08	1774	3,911	100	○	
	DB	1750	69	2.50	3.27	1851	4,077	100	◇	
Severe Duty – V Edge	DB	1500	59	1.91	2.50	1666	3,672	90	⊖	
	DB	1650	66	2.15	2.81	1802	3,972	90	○	
	DB	1800	71	2.30	3.01	1991	4,385	90	○	
General Duty	TB	1800	71	2.60	3.40	2119	4,671	100		◇
	TB	2050	81	3.00	3.92	2492	5,488	100		X
Heavy Duty	TB	1750	69	2.50	3.27	2258	4,978	100		◇
	TB	1850	72	2.69	3.52	2387	5,262	100		◇
	TB	1900	75	2.80	3.66	2548	5,612	100		◇
Severe Duty	TB	1600	63	2.20	2.88	2416	5,321	90		○
	TB	1800	71	2.60	3.40	2618	5,766	90		◇
Severe Duty – V Edge	TB	1650	66	2.41	3.15	2367	5,218	90		○
	TB	1700	67	2.41	3.15	2597	5,720	90		◇
	TB	1900	75	2.78	3.64	2844	6,264	90		◇
	TB	1900	75	2.80	3.66	2601	5,728	90		◇
Extreme Duty – V Edge Power	TB	1850	73	2.50	3.27	2931	6,455	90		◇
Maximum load with coupler (payload + bucket)								kg	4522	5047
								lb	9,970	11,127

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

### Maximum Material Density:

- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◇ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)
- X Not Recommended

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		7.56 mt (16,700 lb) Counterweight	
									Reach HD	Mass
									R3.2 (10'6") HD	M2.55 (8'4")
<b>With Cat Pin Grabber Coupler (continued)</b>										
General Duty	DB	1650	65	2.12	2.77	1361	3,000	100	⊖	
	DB	1800	71	2.36	3.09	1465	3,231	100	⊖	
	DB	1750	69	2.50	3.27	1535	3,381	100	○	
Heavy Duty	DB	1500	59	1.88	2.46	1653	3,641	100	⊕	
	DB	1650	65	2.12	2.77	1741	3,834	100	⊖	
	DB	1800	72	2.36	3.08	1774	3,911	100	○	
	DB	1750	69	2.50	3.27	1851	4,077	100	○	
Severe Duty – V Edge	DB	1500	59	1.91	2.50	1666	3,672	90	⊕	
	DB	1650	66	2.15	2.81	1802	3,972	90	⊖	
	DB	1800	71	2.30	3.01	1991	4,385	90	○	
General Duty	TB	1800	71	2.60	3.40	2119	4,671	100		○
	TB	2050	81	3.00	3.92	2492	5,488	100		◇
Heavy Duty	TB	1750	69	2.50	3.27	2258	4,978	100		○
	TB	1850	72	2.69	3.52	2387	5,262	100		○
	TB	1900	75	2.80	3.66	2548	5,612	100		◇
Severe Duty	TB	1600	63	2.20	2.88	2416	5,321	90		⊖
	TB	1800	71	2.60	3.40	2618	5,766	90		○
Severe Duty – V Edge	TB	1650	66	2.41	3.15	2367	5,218	90		⊖
	TB	1700	67	2.41	3.15	2597	5,720	90		○
	TB	1900	75	2.78	3.64	2844	6,264	90		◇
	TB	1900	75	2.80	3.66	2601	5,728	90		○
Extreme Duty – V Edge Power	TB	1850	73	2.50	3.27	2931	6,455	90		○
Maximum load with coupler (payload + bucket)								kg	4922	5517
								lb	10,852	12,163

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

### Maximum Material Density:

- ⊕ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◇ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Bucket Specifications and Compatibility *(continued)*

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		6.8 mt (15,000 lb) Counterweight	
									Reach HD	Mass
									R3.2 (10'6") HD	M2.55 (8'4")
<b>With CW Quick Coupler</b>										
Heavy Duty	DB CW45	1650	65	2.12	2.77	1703	3,751	100	⊖	
Maximum load with coupler (payload + bucket)								kg	4745	5605
								lb	10,461	12,357

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		7.56 mt (16,700 lb) Counterweight	
									Reach HD	Mass
									R3.2 (10'6") HD	M2.55 (8'4")
<b>With CW Quick Coupler <i>(continued)</i></b>										
Heavy Duty	DB CW45	1650	65	2.12	2.77	1703	3,751	100	⊖	
Maximum load with coupler (payload + bucket)								kg	5145	6075
								lb	11,343	13,393

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022,, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

**Maximum Material Density:**

⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)

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# 336 Hydraulic Excavator Specifications

## Attachments Offering Guide

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

Match

\* Working range front only

No Match

### PIN-ON ATTACHMENTS

Undercarriage		Long Wide							
		6.8 mt (15,000 lb)			7.56 mt (16,700 lb)				
Counterweight		Reach HD			Mass		Reach HD		Mass
Boom Type		2.80 m HD	3.20 m HD	3.90 m HD	2.55 m	2.80 m HD	3.20 m HD	3.90 m HD	2.55 m
Stick Length		(9'2")	(10'6")	(12'10")	(8'4")	(9'2")	(10'6")	(12'10")	(8'4")
Hydraulic Hammers	H130 GC	✓	✓	✓		✓	✓	✓	
	H130 GC S	✓	✓	✓		✓	✓	✓	
	H140 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H140 GC Side Mount	✓	✓	✓		✓	✓	✓	
	H140 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC Side Mount	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓	✓	✓	✓	✓
	H180 GC	✓	✓*		✓	✓	✓		✓
	H180 GC S	✓	✓	✓*	✓	✓	✓	✓	✓
	H180 S	✓	✓		✓	✓	✓	✓*	✓
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Demolition Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Pulverizer Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Tank Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Universal Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Concrete Cutter Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Demolition Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Pulverizer Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Tank Shear Jaw	✓	✓			✓	✓	✓	
	MP332 Universal Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓	✓*		✓	✓	✓	
	MP332 Demolition Jaw-Flat Top	✓	✓	✓*		✓	✓	✓	
	MP332 Pulverizer Jaw-Flat Top	✓	✓	✓*		✓	✓	✓	
	MP332 Shear Jaw-Flat Top	✓	✓	✓		✓	✓	✓	
	MP332 Tank Shear Jaw-Flat Top	✓	✓*			✓	✓	✓*	
	MP332 Universal Jaw-Flat Top	✓	✓	✓*		✓	✓	✓	
Demolition and Sorting Grapples	G332	✓	✓	✓		✓	✓	✓	
	G345	✓	✓	✓*	✓	✓	✓	✓	✓
	G345 Flat Top	✓	✓	✓*	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓		✓	✓	✓	
Pulverizers	P224 Secondary Pulverizer	✓	✓	✓		✓	✓	✓	
	P232 Secondary Pulverizer	✓	✓	✓*	✓	✓	✓	✓	✓
	P324 Primary Pulverizer	✓	✓	✓		✓	✓	✓	
	P332 Primary Pulverizer	✓	✓	✓		✓	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓	✓*		✓	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Attachments Offering Guide *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

No Match     
  1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)     
  1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

### PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Long Wide							
		6.8 mt (15,000 lb)			7.56 mt (16,700 lb)				
Counterweight		Reach HD			Mass	Reach HD			Mass
Boom Type		2.80 m HD (9'2")	3.20 m HD (10'6")	3.90 m HD (12'10")	2.55 m (8'4")	2.80 m HD (9'2")	3.20 m HD (10'6")	3.90 m HD (12'10")	2.55 m (8'4")
Stick Length									
Orange Peel Grapples	GSH440-950	●	●	●		●	●	●	
	GSH440-1150	●	●	●		●	●	●	
	GSH440-1550	●	○	○		●	●	○	
	GSH455-1000	●	●	○		●	●	●	
	GSH455-1500	○	○			●	○	○	
	GSH455-2000	○				○	○		
	GSH555-1000	●	○			●	●	○	
	GSH555-1500	○				○	○		
	GSM50-1000	●	○			●	●	○	
	GSM-50-1250	○	○			○	○		
	GSM-50-1500					○			
Clamshell Grapples	CTV20-1300	●	●	●		●	●	●	
	CTV20-1500	●	●	○		●	●	●	
	CTV20-1700	●	○	○		●	●	○	
	CTV20-1900	○	○			●	○	○	
	CTV20-2300	○				○	○		
	CTV20-2700				○				○
	CTV30-1700	○	○			○	○	○	
	CTV30-1900	○				○	○		
	CTV30-2300				○				○

*(continued on next page)*

# 336 Hydraulic Excavator Specifications

## Attachments Offering Guide (continued)

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

Match

\* Working range front only

No Match

### CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Long Wide							
		6.8 mt (15,000 lb)			7.56 mt (16,700 lb)				
Counterweight		Reach HD			Mass		Reach HD		
Boom Type		2.80 m HD	3.20 m HD	3.90 m HD	2.55 m	2.80 m HD	3.20 m HD	3.90 m HD	2.55 m
Stick Length		(9'2")	(10'6")	(12'10")	(8'4")	(9'2")	(10'6")	(12'10")	(8'4")
Hydraulic Hammers	H130 GC	✓	✓	✓		✓	✓	✓	
	H130 GC S	✓	✓	✓		✓	✓	✓	
	H140 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H140 GC Side Mount	✓	✓	✓		✓	✓	✓	
	H140 GC S	✓	✓	✓*	✓	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC	✓	✓	✓*	✓	✓	✓	✓	✓
	H160 GC Side Mount	✓	✓		✓*	✓	✓	✓	
	H160 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 S	✓	✓	✓*	✓	✓	✓	✓	✓
	H180 GC					✓*			✓*
	H180 GC S	✓*			✓	✓	✓*		✓
	H180 S					✓	✓*		✓*
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Demolition Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Pulverizer Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Tank Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Universal Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Concrete Cutter Jaw	✓	✓			✓	✓	✓*	
	MP332 Demolition Jaw	✓	✓*			✓	✓	✓*	
	MP332 Pulverizer Jaw	✓	✓*			✓	✓	✓*	
	MP332 Shear Jaw	✓	✓			✓	✓	✓*	
	MP332 Tank Shear Jaw	✓*				✓	✓*		
	MP332 Universal Jaw	✓	✓*			✓	✓	✓*	
	MP332 Concrete Cutter Jaw-Flat Top	✓*	✓*			✓	✓		
	MP332 Demolition Jaw-Flat Top	✓*				✓	✓*		
	MP332 Pulverizer Jaw-Flat Top	✓*				✓	✓*		
	MP332 Shear Jaw-Flat Top	✓	✓*			✓	✓		
	MP332 Tank Shear Jaw-Flat Top					✓*			
	MP332 Universal Jaw-Flat Top	✓*				✓	✓*		
	Demolition and Sorting Grapples	G332	✓	✓	✓*		✓	✓	✓
G345		✓*	✓*		✓	✓	✓	✓	✓
G345 Flat Top		✓*			✓*	✓	✓*		✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓			✓	✓	✓	
Pulverizers	P224 Secondary Pulverizer	✓	✓	✓		✓	✓	✓	
	P232 Secondary Pulverizer	✓*			✓*	✓	✓*		✓
	P324 Primary Pulverizer	✓	✓	✓		✓	✓	✓	
	P332 Primary Pulverizer	✓	✓*			✓	✓	✓*	
	P332 Primary Pulverizer-Flat Top	✓*				✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Attachments Offering Guide (continued)

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

Match

\* Working range front only

No Match

### CW-45s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide							
		6.8 mt (15,000 lb)			7.56 mt (16,700 lb)				
Counterweight		Reach HD			Mass		Reach HD		
Boom Type		2.80 m HD	3.20 m HD	3.90 m HD	2.55 m	2.80 m HD	3.20 m HD	3.90 m HD	2.55 m
Stick Length		(9'2")	(10'6")	(12'10")	(8'4")	(9'2")	(10'6")	(12'10")	(8'4")
Hydraulic Hammers	H130 GC S	✓	✓	✓		✓	✓	✓	
	H140 GC	✓	✓		✓	✓	✓	✓*	✓
	H140 GC S	✓	✓	✓*	✓	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC	✓	✓	✓*	✓*	✓	✓*	✓	✓
	H160 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 S	✓	✓	✓*	✓	✓	✓	✓	✓
	H180 GC								✓*
	H180 GC S	✓*			✓*	✓	✓*		✓
	H180 S	✓*			✓*	✓	✓*		✓
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Demolition Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Pulverizer Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Tank Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Universal Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Concrete Cutter Jaw	✓	✓	✓*		✓	✓	✓	
	MP332 Demolition Jaw	✓	✓			✓	✓	✓*	
	MP332 Pulverizer Jaw	✓	✓			✓	✓	✓*	
	MP332 Shear Jaw	✓	✓	✓*		✓	✓	✓	
	MP332 Tank Shear Jaw	✓*	✓*			✓	✓		
	MP332 Universal Jaw	✓	✓			✓	✓	✓*	
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓*			✓	✓	✓*	
	MP332 Demolition Jaw-Flat Top	✓	✓*			✓	✓		
	MP332 Pulverizer Jaw-Flat Top	✓	✓*			✓	✓		
	MP332 Shear Jaw-Flat Top	✓	✓*			✓	✓	✓*	
	MP332 Tank Shear Jaw-Flat Top					✓*	✓*		
	MP332 Universal Jaw-Flat Top	✓	✓*			✓	✓		
Demolition and Sorting Grapples	G332	✓	✓	✓		✓	✓	✓	
	G345	✓	✓*		✓	✓	✓	✓*	✓
	G345 Flat Top	✓	✓*		✓	✓	✓		✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓*		✓	✓	✓	
Pulverizers	P224 Secondary Pulverizer	✓	✓	✓		✓	✓	✓	
	P232 Secondary Pulverizer	✓	✓*		✓	✓	✓		✓
	P324 Primary Pulverizer	✓	✓	✓		✓	✓	✓	
	P332 Primary Pulverizer	✓	✓	✓*		✓	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓*			✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Attachments Offering Guide (continued)

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

Match

\* Working range front only

No Match

### CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide							
		6.8 mt (15,000 lb)			Mass		7.56 mt (16,700 lb)		
Counterweight		Reach HD			Mass		Reach HD		
Boom Type		2.80 m HD	3.20 m HD	3.90 m HD	2.55 m	2.80 m HD	3.20 m HD	3.90 m HD	2.55 m
Stick Length		(9'2")	(10'6")	(12'10")	(8'4")	(9'2")	(10'6")	(12'10")	(8'4")
Hydraulic Hammers	H130 GC	✓	✓	✓		✓	✓	✓	
	H130 GC S	✓	✓	✓		✓	✓	✓	
	H140 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H140 GC S	✓	✓	✓*	✓	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H160 S	✓	✓	✓*	✓	✓	✓	✓	✓
	H180 GC					✓*			✓*
	H180 GC S	✓*			✓	✓	✓*		✓
	H180 S	✓*			✓*	✓	✓*		✓
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Demolition Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Pulverizer Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Tank Shear Jaw	✓	✓	✓		✓	✓	✓	
	MP324 Universal Jaw	✓	✓	✓		✓	✓	✓	
	MP332 Concrete Cutter Jaw	✓	✓	✓*		✓	✓	✓	
	MP332 Demolition Jaw	✓	✓			✓	✓	✓*	
	MP332 Pulverizer Jaw	✓	✓			✓	✓	✓*	
	MP332 Shear Jaw	✓	✓	✓*		✓	✓	✓	
	MP332 Tank Shear Jaw	✓*	✓*			✓	✓		
	MP332 Universal Jaw	✓	✓			✓	✓	✓*	
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓*			✓	✓	✓*	
	MP332 Demolition Jaw-Flat Top	✓*	✓*			✓	✓		
	MP332 Pulverizer Jaw-Flat Top	✓*	✓*			✓	✓		
	MP332 Shear Jaw-Flat Top	✓	✓*			✓	✓	✓*	
	MP332 Tank Shear Jaw-Flat Top					✓*	✓*		
	MP332 Universal Jaw-Flat Top	✓*	✓*			✓	✓		
Demolition and Sorting Grapples	G332	✓	✓	✓		✓	✓	✓	
	G345	✓	✓		✓	✓	✓	✓*	✓
	G345 Flat Top	✓	✓*		✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓*		✓	✓	✓	
Pulverizers	P224 Secondary Pulverizer	✓	✓	✓		✓	✓	✓	
	P232 Secondary Pulverizer	✓	✓*		✓	✓	✓		✓
	P324 Primary Pulverizer	✓	✓	✓		✓	✓	✓	
	P332 Primary Pulverizer	✓	✓			✓	✓	✓*	
	P332 Primary Pulverizer-Flat Top	✓	✓*			✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

# 336 Hydraulic Excavator Specifications

## Attachments Offering Guide *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

Match

No Match

### BOOM-MOUNT ATTACHMENTS

Undercarriage		Long Wide			
		6.8 mt (15,000 lb)		7.56 mt (16,700 lb)	
Counterweight		Reach HD	Mass	Reach HD	Mass
Boom Type					
Mobile Scrap and	S2070	✓	✓	✓	✓
Demolition Shears	S2090	✓	✓	✓	✓
	S3070-Flat Top	✓		✓	

## Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat® dealer for details.

	Standard	Optional		Standard	Optional
<b>BOOMS, STICKS AND LINKAGES</b>			<b>ELECTRICAL SYSTEM</b>		
6.18 m (20'3") Mass boom		✓	Maintenance-free 1,000 CCA batteries (×2)	✓	
6.5 m (21'4") HD Reach boom		✓	Maintenance-free 1,000 CCA batteries (×4)		✓
2.55 m (8'4") Mass stick		✓	Centralized electrical disconnect switch	✓	
3.2 m (10'6") HD Reach stick		✓	LED exterior chassis and boom lights	✓	
DB family bucket linkage without lifting eye		✓	Premium surround working lights		✓
TB family bucket linkage without lifting eye		✓	<b>ENGINE</b>		
<b>CAT TECHNOLOGY</b>			115 Amp alternator	✓	
Cat Equipment Management:			Three selectable modes: Power, Smart, Eco	✓	
– VisionLink™	✓ <sup>1</sup>		Auto engine speed control	✓	
– Remote Flash	✓		52° C (126° F) high-ambient cooling	✓	
– Remote Troubleshoot	✓		Hydraulic reverse fan		✓
– Work tool recognition and tracking (PL161)	✓		–18° C (0° F) cold start capability	✓	
– Operator Coaching		✓ <sup>2</sup>	–32° C (–25° F) cold start capability		✓
Cat Grade:			Double element air filter with integrated pre-cleaner	✓	
– Cat Grade with 2D		✓	Dual stage four micron main filter	✓	
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓	10 micron primary filter with water separator	✓	
– Laser catcher		✓	Electric fuel priming pump	✓	
– Cat Grade with 3D (single or dual Global Navigation Satellite System [GNSS])		✓	Secure start with PIN code	✓	
– Compatible with 3D grade systems from Trimble, Topcon, and Leica		✓	<sup>1</sup> Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details. <sup>2</sup> VisionLink subscription required. Consult your Cat dealer for details.		
– Cat Grade 3D Ready		✓			
– Cat Grade Connectivity		✓ <sup>2</sup>			
Cat Assist:			<i>(continued on next page)</i>		
– Grade Assist		✓			
– Boom Assist		✓			
– Bucket Assist		✓			
– Swing Assist		✓			
– Lift Assist		✓			
Cat Payload:					
– On-the-go weighing		✓			
– Semiautomatic calibration		✓			
– Payload/cycle information		✓			
– VisionLink back office reporting		✓ <sup>2</sup>			
Cat Advanced Payload:					
– Daily totals		✓			
– Custom lists		✓			
– Smart weight target		✓			
– E-ticket Integration		✓ <sup>2</sup>			
Other:					
Cat Tiltrotator (TRS) integration		✓			

# 336 Standard and Optional Equipment

## Standard and Optional Equipment (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
<b>HYDRAULIC SYSTEM</b>			<b>SERVICE AND MAINTENANCE</b>		
Boom and stick regeneration circuit	✓		Integrated vehicle health management system	✓	
Electronic main control valve	✓		Grouped engine oil and fuel filters	✓	
Auto dig boost		✓	S·O·S <sup>SM</sup> ports	✓	
Auto heavy lift	✓		QuickEvac <sup>TM</sup> maintenance ready		✓
Auto hydraulic oil warmup	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
Bio hydraulic oil capability	✓		Long wide undercarriage	✓	
Fine swing		✓	Towing eye on base frame	✓	
Reverse swing damping valve	✓		Full-length track guiding guards		✓
Auto swing parking brake	✓		Segmented two-piece track guiding guards		✓
High performance hydraulic return filter	✓		Swivel guard	✓	
Two speed travel	✓		HD bottom guard	✓	
Single one-way circuit with hammer return filter	✓		HD travel motor guards	✓	
Medium-pressure auxiliary circuit		✓	Grease lubricated track	✓	
Combined two-way circuit with hammer return filter		✓	6.8 mt (15,000 lb) counterweight		✓
Quick coupler circuit for Cat Pin Grabber		✓	7.56 mt (16,700 lb) counterweight		✓
Hydraulic efficiency monitoring		✓	600 mm (24") HD triple grouser track shoes	✓	
<b>SAFETY AND SECURITY</b>					
Cat Command (remote control)		✓			
2D E-Fence:		✓			
– E-ceiling					
– E-floor					
– E-swing					
– E-wall					
– E-cab avoidance					
Auto hammer stop	✓				
Caterpillar One Key security system	✓				
Lockable external tool/storage box	✓				
Lockable door, fuel, and hydraulic tank locks	✓				
Lockable fuel drain compartment	✓				
Service platform with anti-skid plate and recessed bolts	✓				
Travel alarm		✓			
Swing alarm		✓			
Right Hand (RH) handrail and handhold	✓				
Signaling/warning horn	✓				
Ground-level secondary engine shutoff switch	✓				
Lockable disconnect switch	✓				
Rearview camera	✓				
360° visibility		✓			
Inspection lighting		✓			



## Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

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<b>CAB</b> <ul style="list-style-type: none"><li>• Polycarbonate roof hatch</li><li>• Left Hand (LH)/RH electrical pedal for tool control</li><li>• Lower radial wiper</li></ul>	<b>ELECTRICAL</b> <ul style="list-style-type: none"><li>• Premium surround working lights</li></ul> <b>GUARDS</b> <ul style="list-style-type: none"><li>• Side rubber bumper guard</li><li>• Mesh guard full front</li><li>• Full protecting vandalism guard</li></ul>	<b>SAFETY AND SECURITY</b> <ul style="list-style-type: none"><li>• Bluetooth receiver kit</li><li>• Bluetooth key fob</li><li>• Operator Protective Guards</li><li>• Cat Detect – People Detection</li><li>• Cat Command – Remote control kit</li></ul>
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# 336 Cab Options

## Cab Options

	Essential	Deluxe
Rollover Protective Structure (ROPS)	●	●
Operator Protective Guard (OPG)	○	○
High-resolution 203 mm (8") LCD touchscreen monitor	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	○	○
Auto bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	X	●
Keyless push-to-start engine control	●	●
Height-adjustable console	X	●
Tilt-up left-side console	X	●
Air-suspension seat	●	X
Heated air-suspension seat	X	●
51 mm (2") seat belt	●	●
Monitor integrated Bluetooth radio with USB/Auxiliary ports	X	●
Bluetooth radio with USB/Aux ports	●	X
12V DC outlets	X	●
24V DC outlet	●	X
Document storage	X	●
Overhead storage and rear storage with nets	X	●
Beverage holder	●	●
Cup holder	X	●
Openable two-piece front window	●	●
Rear window emergency exit	●	●
Radial wiper with washer	●	●
Openable polycarbonate skylight hatch	X	●
Openable steel hatch	●	X
LED dome light	●	●
Floor welcome light	X	●
Roof sunscreen	X	●
Roller front sunscreen	●	●
Roller rear sunscreen	○	●
Washable floor mat	●	●
Beacon ready	X	●
Cat Stick Steer	○	○
Auxiliary relay	○	○

● Standard

○ Optional

X Not available

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability>.

## Engine

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Net power is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 2,000 rpm.
- Cat® diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible\* with ULSD blended with the following lower-carbon intensity fuels\*\* up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester) \*\*\*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil), and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

\* While Cat engines are compatible with these alternative fuels, some regions may not allow their use.

\*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

\*\*\* Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - If equipped with R134a (Global Warming Potential = 1430), the system contains .90 kg (1.984 lb.) of refrigerant, which has a CO<sub>2</sub> equivalent of 1.287 metric tonnes (1.419 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.780 kg (1.719 lb.) of refrigerant, which has a CO<sub>2</sub> equivalent of 0.001 metric tonnes (0.001 tons).

## Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

## Sound Performance

ISO 6395:2008 (external) 105 dB(A)

ISO 6396:2008 (inside cab) 72 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Cat machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

## Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

## Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Advanced hydraulic systems balance power and efficiency
  - Smart mode matches machine power to digging requirements automatically
  - Eco mode supports reduced fuel consumption for light applications
  - Reduce fuel consumption with the high-efficiency hydraulic fan that cools the engine on demand
  - Remotely monitor fuel consumption, machine health, location, and hours on demand through Product Link™ and VisionLink™
  - Extended service intervals help decrease maintenance costs

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEXQ4075-01 (12-2025)  
Replaces: AEXQ4075-00  
Build Number: 08D  
(Türkiye)

