

336
Hydraulic Excavator

Technical Specifications

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

Table of Contents

Specifications 2

Engine 2
Swing Mechanism 2
Weights 2
Track 2
Drive 2
Hydraulic System 2
Service Refill Capacities 2
Standards 2
Sound Performance 3
Air Conditioning System 3
Operating Weights and Ground Pressures 3
Major Component Weights 4
Dimensions 5
Working Ranges and Forces 6
Reach Boom Lift Capacities:
Counterweight: 7.56 mt (16,700 lb) 7
Mass Boom Lift Capacities:
Counterweight: 7.56 mt (16,700 lb) 13
Heavy Duty (HD) Reach Boom Lift Capacities:
Counterweight: 7.56 mt (16,700 lb) 14
Typical Pass Match Guide 18
Bucket Specifications and Compatibility 19
Attachments Offering Guide 20

Standard and Optional Equipment 21
Dealer Installed Kits and Attachments 23
Cab Option 24
336 Environmental Declaration 25

336 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C7.1 TTA	
Net Power		
ISO 9249	223.5 kW	300 hp
ISO 9249 (DIN)	304 hp (metric)	
Engine Power		
ISO 14396	225.0 kW	302 hp
ISO 14396 (DIN)	306 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	433 in^3

- Meets China Nonroad Stage III emission standards, emits equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- 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 2,200 rpm.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:
  - ✓ 100% 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.

**For use of blends higher than 20% biodiesel, consult your Cat dealer.*

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

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	34 500 kg	76,100 lb

- Standard Undercarriage, Reach Boom, R3.2DB (10'6") Stick, General Duty (GD) 2.12 m^3 (2.77 yd^3) Bucket, and 600 mm (24") Triple Grouser Shoes, 7.56 mt (16,700 lb) Counterweight.

Track

Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	800 mm	31 in
Number of Shoes (each side)	45	
Number of Track Rollers (each side)	7	
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	302.7 kN	68,050 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

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

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 labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. 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_2 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_2 equivalent of 0.001 metric tonnes (0.001 tons).

Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		700 mm (28") Triple Grouser Shoes		800 mm (31") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
Base Machine Configurations	**kg (lb)**	**kPa (psi)**	**kg (lb)**	**kPa (psi)**	**kg (lb)**	**kPa (psi)**
Base Frame with Track Rollers and Carrier Rollers for Standard Undercarriage						
7.56 mt (16,700 lb) Counterweight + Standard Undercarriage Base Machine + Reach Boom						
R3.9 m (12'10") DB Stick, 2.12 m^3 (2.77 yd^3) GD Bucket	34 700 (76,500)	64.6 (9.4)	35 000 (77,200)	55.9 (8.1)	35 600 (78,500)	49.8 (7.2)
R3.2 m (10'6") DB Stick, 2.12 m^3 (2.77 yd^3) GD Bucket	34 500 (76,100)	64.3 (9.3)	34 800 (76,800)	55.6 (8.1)	35 400 (78,100)	49.5 (7.2)
R2.8 m (9'2") DB Stick, 2.12 m^3 (2.77 yd^3) GD Bucket	34 400 (75,900)	64.1 (9.3)	34 700 (76,600)	55.5 (8.0)	35 300 (77,900)	49.4 (7.2)
7.56 mt (16,700 lb) Counterweight + Standard Undercarriage Base Machine + Mass Boom						
M2.55 m (8'4") TB Stick, 2.41 m^3 (3.15 yd^3) Severe Duty V-Edge (SDV) Bucket	36 200 (79,900)	67.5 (9.8)	36 600 (80,600)	58.4 (8.5)	37 200 (81,900)	51.9 (7.5)
7.56 mt (16,700 lb) Counterweight + Standard Undercarriage Base Machine + HD Reach Boom						
HD R3.2 m (10'6") DB Stick, 2.12 m^3 (2.77 yd^3) GD Bucket	34 800 (76,700)	64.8 (9.4)	35 100 (77,400)	56.0 (8.1)	35 700 (78,700)	49.9 (7.2)
HD R2.8 m (9'2") DB Stick, 2.12 m^3 (2.77 yd^3) GD Bucket	34 700 (76,400)	64.6 (9.4)	35 000 (77,200)	55.9 (8.1)	35 600 (78,500)	49.7 (7.2)

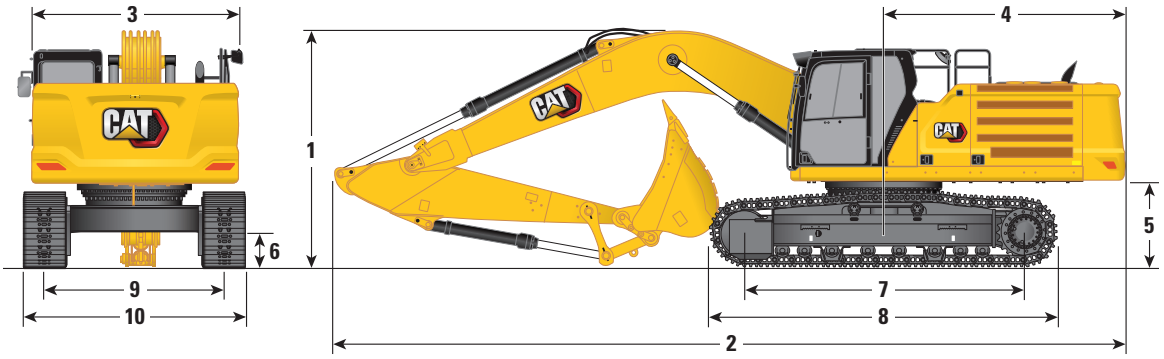
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

Major Component Weights

	kg	lb
Base Machine with 7.56 mt (16,700 lb) Counterweight, HD Swing Frame, Base Frame with Track Rollers and Carrier Rollers for Standard Undercarriage	23 720	52,280
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3750	8,270
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	4080	8,990
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes	4680	10,310
Two Boom Cylinders	670	1,470
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	550	1,210
Counterweight:		
7.56 mt (16,700 lb) Counterweight	7560	16,670
Swing Frame:		
HD Swing Frame	3260	7,180
Undercarriage:		
Base Frame with Track Rollers and Carrier Rollers	7760	17,100
Booms (including lines, pins, stick cylinder):		
Reach Boom 6.5 m (21'4")	3280	7,230
Mass Boom 6.18 m (20'3")	3480	7,670
HD Reach Boom 6.5 m (21'4")	3480	7,670
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R2.8DB (9'2")	1760	3,870
Reach Stick R3.2DB (10'6")	1860	4,100
Reach Stick R3.9DB (12'10")	2040	4,490
Mass Stick M2.55TB (8'4")	2120	4,680
HD Reach Stick R2.8DB (9'2")	1810	4,000
HD Reach Stick R3.2DB (10'6")	1920	4,220
Buckets (without linkage):		
2.12 m^3 (2.77 yd^3) GD	1360	3,000
2.41 m^3 (3.15 yd^3) SDV	2600	5,730
Quick Coupler:		
Pin Grabber QC	700	1,550

Dimensions

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

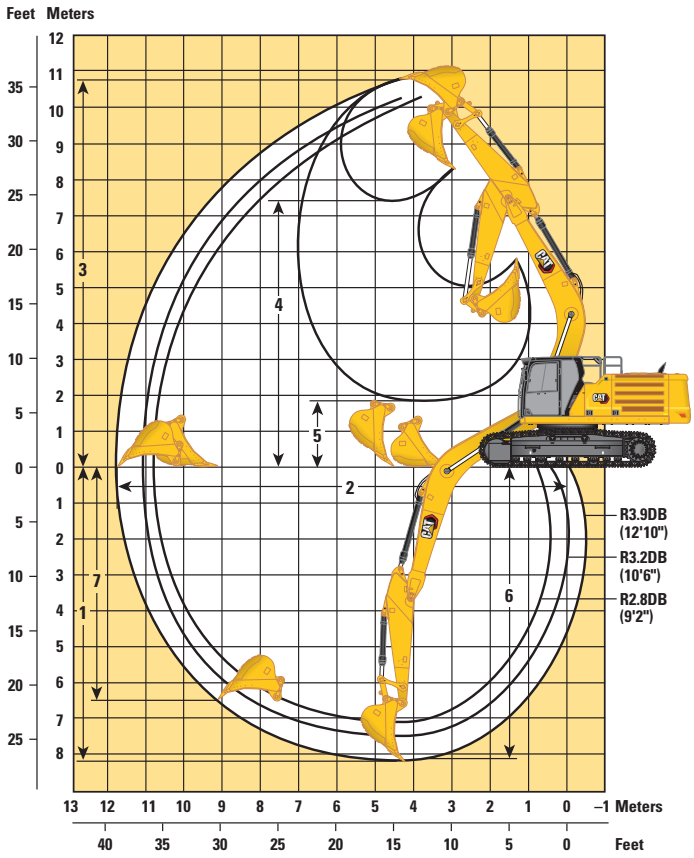


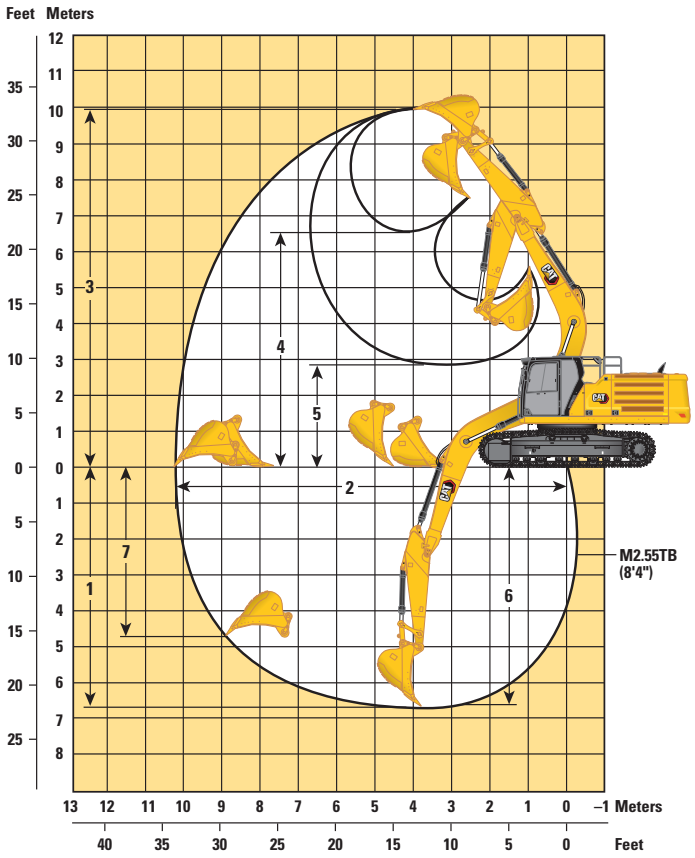
Undercarriage Option	Standard Undercarriage							
Boom Options	Reach Boom 6.5 m (21'4")						Mass Boom 6.18 m (20'3")	
Stick Options	Reach Stick						Mass Stick	
	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")		M2.55TB (8'4")	
1 Machine Height:								
Cab Height	3170 mm	10'5"	3170 mm	10'5"	3170 mm	10'5"	3170 mm	10'5"
OPG Height	3310 mm	10'10"	3310 mm	10'10"	3310 mm	10'10"	3310 mm	10'10"
Guardrails/Handrails Height	3160 mm	10'4"	3160 mm	10'4"	3160 mm	10'4"	3160 mm	10'4"
With Boom/Stick/Bucket Installed	3660 mm	12'0"	3430 mm	11'3"	3640 mm	11'11"	3610 mm	11'10"
With Boom/Stick Installed	3560 mm	11'8"	3330 mm	10'11"	3450 mm	11'4"	3400 mm	11'2"
With Boom Installed	2880 mm	9'5"	2880 mm	9'5"	2880 mm	9'5"	2830 mm	9'3"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3670 mm	12'0"	3480 mm	11'5"	3660 mm	12'0"	3610 mm	11'10"
With Boom/Stick Installed (with auxiliary lines)	3620 mm	11'11"	3400 mm	11'2"	3500 mm	11'6"	3420 mm	11'3"
With Boom Installed (with auxiliary lines)	2970 mm	9'9"	2970 mm	9'9"	2970 mm	9'9"	2900 mm	9'6"
2 Machine Length:								
With Boom/Stick/Bucket Installed	11 180 mm	36'8"	11 150 mm	36'7"	11 200 mm	36'9"	10 880 mm	35'8"
With Boom/Stick Installed	11 170 mm	36'8"	11 120 mm	36'6"	11 170 mm	36'8"	10 830 mm	35'6"
With Boom Installed	9960 mm	32'8"	9960 mm	32'8"	9960 mm	32'8"	9640 mm	31'8"
With Boom/Stick/Bucket Installed (with auxiliary lines)	11 180 mm	36'8"	11 150 mm	36'7"	11 200 mm	36'9"	10 880 mm	35'8"
With Boom/Stick Installed (with auxiliary lines)	11 170 mm	36'8"	11 120 mm	36'6"	11 170 mm	36'8"	10 830 mm	35'6"
With Boom Installed (with auxiliary lines)	10 010 mm	32'10"	10 010 mm	32'10"	10 010 mm	32'10"	9640 mm	31'8"
3 Upperframe Width without Walkways	2970 mm	9'9"	2970 mm	9'9"	2970 mm	9'9"	2970 mm	9'9"
4 Tail Swing Radius	3530 mm	11'7"	3530 mm	11'7"	3530 mm	11'7"	3530 mm	11'7"
5 Counterweight Clearance	1250 mm	4'1"	1250 mm	4'1"	1250 mm	4'1"	1250 mm	4'1"
6 Ground Clearance	510 mm	1'8"	510 mm	1'8"	510 mm	1'8"	510 mm	1'8"
7 Track Length – Length to Center of Rollers	3610 mm	11'10"	3610 mm	11'10"	3610 mm	11'10"	3610 mm	11'10"
8 Track Length	4590 mm	15'1"	4590 mm	15'1"	4590 mm	15'1"	4590 mm	15'1"
9 Track Gauge – Extended	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
10 Undercarriage Width (with steps):	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"	3190 mm	10'6"
600 mm (24") Shoes	3290 mm	10'10"	3290 mm	10'10"	3290 mm	10'10"	3290 mm	10'10"
700 mm (28") Shoes	3390 mm	11'1"	3390 mm	11'1"	3390 mm	11'1"	3390 mm	11'1"
800 mm (31") Shoes	3440 mm	11'3"	3440 mm	11'3"	3440 mm	11'3"	3440 mm	11'3"
Bucket Type	GD		GD		GD		SDV	
Bucket Capacity	2.12 m^3	2.77 yd^3	2.12 m^3	2.77 yd^3	2.12 m^3	2.77 yd^3	2.41 m^3	3.15 yd^3
Bucket Tip Radius	1750 mm	5.7 ft	1750 mm	5.7 ft	1750 mm	5.7 ft	1980 mm	6.5 ft

336 Hydraulic Excavator Specifications

Working Ranges and Forces

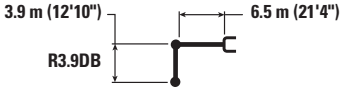
All dimensions are approximate and may vary depending on bucket selection.

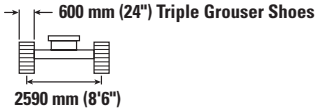


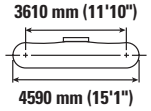


Undercarriage Option	Standard Undercarriage							
Boom Options	Reach Boom 6.5 m (21'4")						Mass Boom 6.18 m (20'3")	
Stick Options	Reach Stick						Mass Stick	
	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")		M2.55TB (8'4")	
1 Maximum Digging Depth	8190 mm	26'10"	7490 mm	24'7"	7090 mm	23'3"	6730 mm	22'1"
2 Maximum Reach at Ground Line	11 720 mm	38'5"	11 020 mm	36'2"	10 720 mm	35'2"	10 340 mm	33'11"
3 Maximum Cutting Height	10 700 mm	35'1"	10 280 mm	33'9"	10 350 mm	33'11"	9990 mm	32'9"
4 Maximum Loading Height	7500 mm	24'7"	7110 mm	23'4"	7110 mm	23'4"	6540 mm	21'5"
5 Minimum Loading Height	1910 mm	6'3"	2610 mm	8'7"	3010 mm	9'11"	2840 mm	9'4"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	8050 mm	26'5"	7330 mm	24'1"	6920 mm	22'8"	6560 mm	21'6"
7 Maximum Vertical Wall Digging Depth	6420 mm	21'1"	5610 mm	18'5"	5570 mm	18'3"	4690 mm	15'5"
Bucket Digging Force (ISO)	212 kN	47,610 lbf	212 kN	47,610 lbf	212 kN	47,610 lbf	263 kN	59,220 lbf
Stick Digging Force (ISO)	145 kN	32,560 lbf	167 kN	37,470 lbf	185 kN	41,700 lbf	190 kN	42,780 lbf
Bucket Digging Force (ISO) – Cat Dig Boost	230 kN	51,690 lbf	230 kN	51,690 lbf	230 kN	51,690 lbf	286 kN	64,300 lbf
Stick Digging Force (ISO) – Cat Dig Boost	157 kN	35,350 lbf	181 kN	40,680 lbf	201 kN	45,270 lbf	207 kN	46,440 lbf
Bucket Type	GD		GD		GD		SDV	
Bucket Capacity	2.12 m^3	2.77 yd^3	2.12 m^3	2.77 yd^3	2.12 m^3	2.77 yd^3	2.41 m^3	3.15 yd^3
Bucket Tip Radius	1750 mm	5.7 ft	1750 mm	5.7 ft	1750 mm	5.7 ft	1980	6.5 ft

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







		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm 30'0"	kg lb													*5650 *12,550	*5650 *12,550	7350 23'7"
7500 mm 25'0"	kg lb									*6950 *15,300	*6950 *15,300			*5250 *11,600	*5250 *11,600	8540 27'8"
6000 mm 20'0"	kg lb									*7200 *15,750	*7200 *15,750	*6800 *13,150	5550 11,850	*5100 *11,200	*5100 *11,200	9340 30'5"
4500 mm 15'0"	kg lb							*8850 *19,100	*8850 *19,100	*7900 *17,150	7300 15,700	7250 15,550	5450 11,650	*5100 *11,250	4650 10,250	9840 32'2"
3000 mm 10'0"	kg lb					*13 850 *29,750	*13 850 *29,750	*10 450 *22,600	9700 20,950	*8750 *19,000	6950 15,000	7050 15,200	5250 11,300	*5250 *11,600	4350 9,600	10 100 33'1"
1500 mm 5'0"	kg lb					*16 700 *36,000	13 750 29,650	*12 000 *25,950	9150 19,700	9050 19,450	6650 14,300	6900 14,800	5100 10,950	*5600 *12,250	4250 9,350	10 130 33'2"
0 mm 0'0"	kg lb			*7750 *17,600	*7750 *17,600	*18 150 *39,300	13 150 28,250	12 150 26,150	8750 18,800	8750 18,850	6400 13,800	6750 14,500	4950 10,650	5850 12,900	4300 9,450	9930 32'6"
–1500 mm –5'0"	kg lb	*8100 *18,050	*8100 *18,050	*12 150 *27,450	*12 150 *27,450	*18 400 *39,800	12 900 27,750	11 900 25,650	8500 18,300	8600 18,500	6250 13,450	6650 14,350	4850 10,500	6200 13,650	4550 10,000	9490 31'1"
–3000 mm –10'0"	kg lb	*12 850 *28,800	*12 850 *28,800	*17 750 *40,150	*17 750 *40,150	*17 600 *38,050	12 900 27,750	11 850 25,500	8450 18,200	8600 18,450	6200 13,400			6950 15,350	5100 11,250	8770 28'7"
–4500 mm –15'0"	kg lb	*18 500 *41,550	*18 500 *41,550	*21 700 *46,850	*21 700 *46,850	*15 650 *33,750	13 150 28,250	*11 850 *25,450	8600 18,500	8750 *18,700	6350 13,750			8450 *18,650	6200 13,750	7690 25'0"
–6000 mm –20'0"	kg lb					*11 900 *25,050	*11 900 *25,050	*8400	*8400					*8250 *18,050	*8250 *18,050	6060 19'5"

* ISO 10567:2007

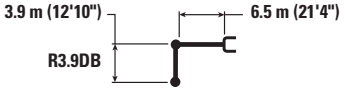
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

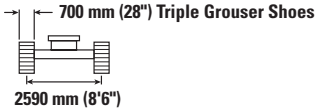
Lift capacity stays with ±5% for all available track shoes.

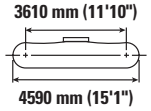
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

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







		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm 30'0"	kg lb													*5650 *12,550	*5650 *12,550	7350 23'7"
7500 mm 25'0"	kg lb									*6950 *15,300	*6950 *15,300			*5250 *11,600	*5250 *11,600	8540 27'8"
6000 mm 20'0"	kg lb									*7200 *15,750	*7200 *15,750	*6800 *13,150	5600 11,950	*5100 *11,200	*5100 *11,200	9340 30'5"
4500 mm 15'0"	kg lb							*8850 *19,100	*8850 *19,100	*7900 *17,150	7350 15,800	7300 15,700	5500 11,750	*5100 *11,250	4700 10,350	9840 32'2"
3000 mm 10'0"	kg lb					*13 850 *29,750	*13 850 *29,750	*10 450 *22,600	9800 21,100	*8750 *19,000	7050 15,100	7150 15,350	5300 11,400	*5250 *11,600	4400 9,700	10 100 33'1"
1500 mm 5'0"	kg lb					*16 700 *36,000	13 900 29,900	*12 000 *25,950	9200 19,850	9100 19,600	6700 14,450	6950 14,950	5150 11,050	*5600 *12,250	4300 9,400	10 130 33'2"
0 mm 0'0"	kg lb			*7750 *17,600	*7750 *17,600	*18 150 *39,300	13 250 28,500	12 250 26,400	8800 18,950	8850 19,050	6450 13,900	6800 14,600	5000 10,750	5900 13,000	4350 9,550	9930 32'6"
–1500 mm –5'0"	kg lb	*8100 *18,050	*8100 *18,050	*12 150 *27,450	*12 150 *27,450	*18 400 *39,800	13 000 27,950	12 050 25,850	8600 18,450	8700 18,700	6300 13,600	6700 14,450	4900 10,600	6250 13,800	4600 10,100	9490 31'1"
–3000 mm –10'0"	kg lb	*12 850 *28,800	*12 850 *28,800	*17 750 *40,150	*17 750 *40,150	*17 600 *38,050	13 000 28,000	12 000 25,750	8550 18,350	8650 18,650	6300 13,550			7000 15,500	5150 11,350	8770 28'7"
–4500 mm –15'0"	kg lb	*18 500 *41,550	*18 500 *41,550	*21 700 *46,850	*21 700 *46,850	*15 650 *33,750	13 250 28,500	*11 850 *25,450	8650 18,650	8800 *18,700	6400 13,900			*8500 *18,650	6250 13,900	7690 25'0"
–6000 mm –20'0"	kg lb					*11 900 *25,050	*11 900 *25,050	*8400	*8400					*8250 *18,050	*8250 *18,050	6060 19'5"

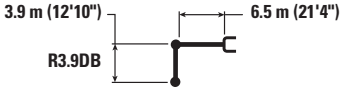
* ISO 10567:2007

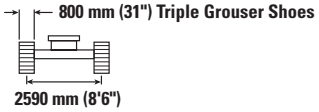
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

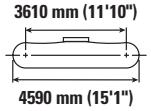
Lift capacity stays with ±5% for all available track shoes.

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

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







		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm 30'0"	kg lb													*5650 *12,550	*5650 *12,550	7350 23'7"
7500 mm 25'0"	kg lb									*6950 *15,300	*6950 *15,300			*5250 *11,600	*5250 *11,600	8540 27'8"
6000 mm 20'0"	kg lb									*7200 *15,750	*7200 *15,750	*6800 *13,150	5650 12,100	*5100 *11,200	*5100 *11,200	9340 30'5"
4500 mm 15'0"	kg lb							*8850 *19,100	*8850 *19,100	*7900 *17,150	7450 16,050	*7350 15,950	5550 11,900	*5100 *11,250	4750 10,500	9840 32'2"
3000 mm 10'0"	kg lb					*13 850 *29,750	*13 850 *29,750	*10 450 *22,600	9900 21,400	*8750 *19,000	7150 15,350	7250 15,550	5400 11,600	*5250 *11,600	4450 9,850	10 100 33'1"
1500 mm 5'0"	kg lb					*16 700 *36,000	14 100 30,350	*12 000 *25,950	9350 20,150	9250 19,900	6800 14,650	7050 15,200	5200 11,200	*5600 *12,250	4350 9,600	10 130 33'2"
0 mm 0'0"	kg lb			*7750 *17,600	*7750 *17,600	*18 150 *39,300	13 450 28,950	12 450 26,800	8950 19,250	9000 19,350	6550 14,100	6900 14,850	5100 10,900	6000 13,200	4400 9,700	9930 32'6"
–1500 mm –5'0"	kg lb	*8100 *18,050	*8100 *18,050	*12 150 *27,450	*12 150 *27,450	*18 400 *39,800	13 200 28,400	12 200 26,250	8700 18,750	8850 19,000	6400 13,800	6850 14,700	5000 10,750	6350 14,000	4650 10,250	9490 31'1"
–3000 mm –10'0"	kg lb	*12 850 *28,800	*12 850 *28,800	*17 750 *40,150	*17 750 *40,150	*17 600 *38,050	13 200 28,400	12 150 26,150	8650 18,650	8800 18,950	6400 13,750			7100 15,750	5200 11,500	8770 28'7"
–4500 mm –15'0"	kg lb	*18 500 *41,550	*18 500 *41,550	*21 700 *46,850	*21 700 *46,850	*15 650 *33,750	13 450 28,900	*11 850 *25,450	8800 18,950	*8900 *18,700	6500 14,100			*8500 *18,650	6350 14,100	7690 25'0"
–6000 mm –20'0"	kg lb					*11 900 *25,050	*11 900 *25,050	*8400	*8400					*8250 *18,050	*8250 *18,050	6060 19'5"

* ISO 10567:2007

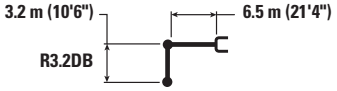
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

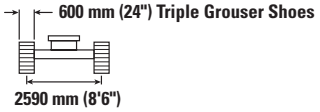
Lift capacity stays with ±5% for all available track shoes.

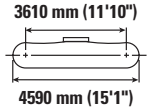
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

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

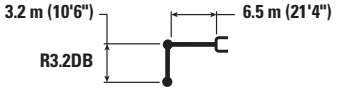


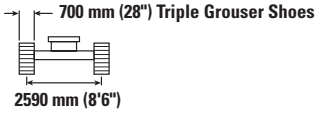


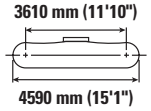


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
7500 mm 25'0"	kg lb							*7950	7500			*6750 *14,900	*6750 *14,900	7700 24'11"
6000 mm 20'0"	kg lb							*8050 *17,550	7450 15,950			*6550 *14,400	5900 13,150	8580 27'11"
4500 mm 15'0"	kg lb			*12 250	*12 250	*9850 *21,300	*9850 *21,300	*8650 *18,750	7200 15,500	7200	5400	*6600 *14,500	5250 11,600	9130 29'10"
3000 mm 10'0"	kg lb			*15 500 *33,300	14 450 31,200	*11 400 *24,600	9550 20,600	9300 20,050	6900 14,900	7050 15,150	5250 11,300	6600 14,500	4900 10,800	9410 30'10"
1500 mm 5'0"	kg lb			*17 850 *38,500	13 550 29,150	12 500 26,950	9050 19,550	9000 19,400	6650 14,300	6900 14,850	5100 11,000	6450 14,200	4800 10,500	9440 30'11"
0 mm 0'0"	kg lb			*18 600 *40,300	13 150 28,250	12 150 26,200	8750 18,850	8800 18,950	6450 13,900	6800 14,650	5000 10,800	6600 14,500	4850 10,700	9220 30'2"
–1500 mm –5'0"	kg lb	*13 300 *30,050	*13 300 *30,050	*18 250 *39,550	13 050 28,050	12 000 25,850	8600 18,550	8700 18,750	6350 13,700			7050 15,550	5200 11,450	8750 28'7"
–3000 mm –10'0"	kg lb	*20 950 *47,450	*20 950 *47,450	*16 900 *36,600	13 150 28,300	12 050 25,950	8650 18,600	8750 18,850	6400 13,800			8100 17,900	5950 13,150	7960 25'11"
–4500 mm –15'0"	kg lb	*19 000 *40,900	*19 000 *40,900	*14 300 *30,750	13 450 29,000	*10 850 *23,050	8850 19,100					*9150 *20,100	7600 17,000	6750 21'10"

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







		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							*7950	7550			*6750 *14,900	*6750 *14,900	7700 24'11"
6000 mm 20'0"	kg lb							*8050 *17,550	7500 16,100			*6550 *14,400	5950 13,250	8580 27'11"
4500 mm 15'0"	kg lb			*12 250	*12 250	*9850 *21,300	*9850 *21,300	*8650 *18,750	7250 15,650	7250	5450	*6600 *14,500	5300 11,700	9130 29'10"
3000 mm 10'0"	kg lb			*15 500 *33,300	14 550 31,450	*11 400 *24,600	9650 20,750	9400 20,200	7000 15,000	7100 15,300	5300 11,400	6650 14,650	4950 10,900	9410 30'10"
1500 mm 5'0"	kg lb			*17 850 *38,500	13 650 29,400	12 650 27,150	9150 19,700	9100 19,600	6700 14,450	7000 15,000	5150 11,100	6500 14,300	4800 10,600	9440 30'11"
0 mm 0'0"	kg lb			*18 600 *40,300	13 250 28,500	12 300 26,400	8800 19,000	8900 19,150	6500 14,000	6850 14,800	5050 10,900	6650 14,600	4900 10,800	9220 30'2"
–1500 mm –5'0"	kg lb	*13 300 *30,050	*13 300 *30,050	*18 250 *39,550	13 150 28,300	12 150 26,100	8700 18,700	8800 18,900	6400 13,800			7100 15,700	5250 11,550	8750 28'7"
–3000 mm –10'0"	kg lb	*20 950 *47,450	*20 950 *47,450	*16 900 *36,600	13 300 28,550	12 150 26,150	8700 18,750	8850 19,050	6450 13,900			8150 18,100	6000 13,250	7960 25'11"
–4500 mm –15'0"	kg lb	*19 000 *40,900	*19 000 *40,900	*14 300 *30,750	13 600 29,250	*10 850 *23,050	8950 19,300					*9150 *20,100	7650 17,150	6750 21'10"

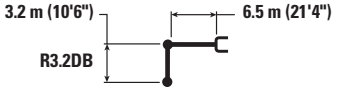
* ISO 10567:2007

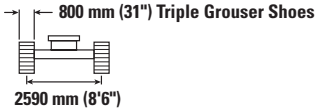
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

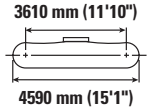
Lift capacity stays with ±5% for all available track shoes.

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

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

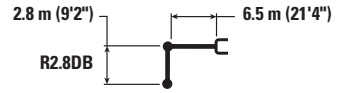


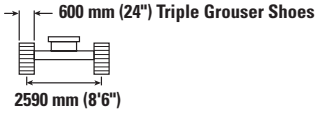


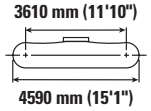


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
7500 mm 25'0"	kg lb							*7950	7650			*6750 *14,900	*6750 *14,900	7700 24'11"
6000 mm 20'0"	kg lb							*8050 *17,550	7600 16,300			*6550 *14,400	6050 13,450	8580 27'11"
4500 mm 15'0"	kg lb			*12 250	*12 250	*9850 *21,300	*9850 *21,300	*8650 *18,750	7350 15,850	7350	5500	*6600 *14,500	5400 11,900	9130 29'10"
3000 mm 10'0"	kg lb			*15 500 *33,300	14 750 31,900	*11 400 *24,600	9750 21,050	*9400 *20,450	7100 15,250	7250 15,550	5400 11,550	6750 14,850	5000 11,050	9410 30'10"
1500 mm 5'0"	kg lb			*17 850 *38,500	13 850 29,850	*12 750 *27,550	9250 20,000	9250 19,900	6800 14,650	7100 15,250	5250 11,300	6600 14,550	4900 10,750	9440 30'11"
0 mm 0'0"	kg lb			*18 600 *40,300	13 450 28,950	12 450 26,800	8950 19,300	9050 19,450	6600 14,250	7000 15,050	5150 11,100	6750 14,850	5000 10,950	9220 30'2"
–1500 mm –5'0"	kg lb	*13 300 *30,050	*13 300 *30,050	*18 250 *39,550	13 350 28,750	12 300 26,500	8800 19,000	8950 19,200	6500 14,050			7250 15,950	5350 11,750	8750 28'7"
–3000 mm –10'0"	kg lb	*20 950 *47,450	*20 950 *47,450	*16 900 *36,600	13 500 29,000	12 350 26,550	8850 19,050	8950 19,350	6550 14,150			8300 18,350	6100 13,450	7960 25'11"
–4500 mm –15'0"	kg lb	*19 000 *40,900	*19 000 *40,900	*14 300 *30,750	13 800 29,650	*10 850 *23,050	9050 19,600					*9150 *20,100	7750 17,400	6750 21'10"

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







		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											*8550 *18,900	7700 17,250	7340 23'9"
6000 mm 20'0"	kg lb					*9150 *19,900	*9150 *19,900	*8500 *18,650	7350 15,850			*8200 *18,100	6250 13,950	8250 26'10"
4500 mm 15'0"	kg lb			*13 200 *28,350	*13 200 *28,350	*10 400 *22,500	10 050 21,600	*9050 *19,650	7150 15,450			7400 16,350	5550 12,250	8820 28'10"
3000 mm 10'0"	kg lb			*16 450 *35,300	14 200 30,700	*11 900 *25,700	9500 20,450	9300 20,000	6900 14,850	7050	5250	6900 15,250	5150 11,350	9110 29'10"
1500 mm 5'0"	kg lb			*15 950 *38,800	13 450 28,950	12 500 26,850	9050 19,500	9050 19,450	6650 14,350	6950	5150	6800 14,950	5050 11,050	9140 29'11"
0 mm 0'0"	kg lb			*18 700 *40,500	13 200 28,350	12 200 26,250	8750 18,900	8850 19,050	6500 13,950			6950 15,300	5150 11,300	8920 29'2"
–1500 mm –5'0"	kg lb	*12 400 *28,200	*12 400 *28,200	*18 000 *39,050	13 200 28,300	12 100 26,000	8700 18,700	8800 18,900	6450 13,850			7500 16,550	5550 12,200	8420 27'7"
–3000 mm –10'0"	kg lb	*21 500 *46,750	*21 500 *46,750	*16 350 *35,450	13 350 28,650	12 150 26,200	8750 18,850	8900	6500			8750 19,350	6400 14,250	7600 24'9"
–4500 mm –15'0"	kg lb	*17 150 *36,900	*17 150 *36,900	*13 350 *28,550	*13 350 *28,550	*9900 *20,800	9050 19,550					*9050 *19,900	8450 19,000	6330 20'5"

* ISO 10567:2007

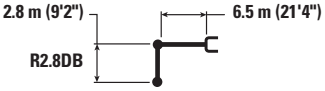
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

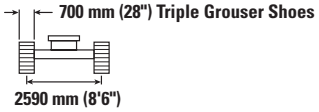
Lift capacity stays with ±5% for all available track shoes.

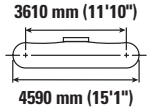
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

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

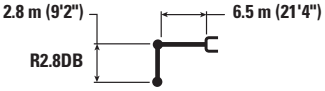


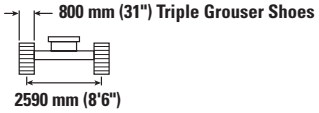


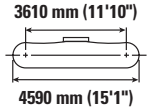


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
7500 mm 25'0"	kg lb											*8550 *18,900	7750 17,400	7340 23'9"
6000 mm 20'0"	kg lb					*9150 *19,900	*9150 *19,900	*8500 *18,650	7450 15,950			*8200 *18,100	6300 14,050	8250 26'10"
4500 mm 15'0"	kg lb			*13 200 *28,350	*13 200 *28,350	*10 400 *22,500	10 100 21,800	*9050 *19,650	7250 15,550			7450 16,500	5600 12,350	8820 28'10"
3000 mm 10'0"	kg lb			*16 450 *35,300	14 350 30,950	*11 900 *25,700	9550 20,600	9350 20,150	6950 15,000	7100	5300	7000 15,400	5200 11,450	9110 29'10"
1500 mm 5'0"	kg lb			*15 950 *38,800	13 550 29,200	12 600 27,100	9100 19,650	9100 19,600	6700 14,450	7000	5200	6850 15,050	5100 11,150	9140 29'11"
0 mm 0'0"	kg lb			*18 700 *40,500	13 300 28,600	12 300 26,450	8850 19,050	8900 19,200	6550 14,100			7000 15,450	5200 11,400	8920 29'2"
–1500 mm –5'0"	kg lb	*12 400 *28,200	*12 400 *28,200	*18 000 *39,050	13 300 28,550	12 200 26,250	8750 18,850	8850 19,050	6500 13,950			7600 16,700	5600 12,300	8420 27'7"
–3000 mm –10'0"	kg lb	*21 500 *46,750	*21 500 *46,750	*16 350 *35,450	13 450 28,900	12 300 26,400	8850 19,000	8950	6600			8800 19,550	6500 14,350	7600 24'9"
–4500 mm –15'0"	kg lb	*17 150 *36,900	*17 150 *36,900	*13 350 *28,550	*13 350 *28,550	*9900 *20,800	9100 19,750					*9050 *19,900	8550 19,150	6330 20'5"

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







		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											*8550 *18,900	7850 17,650	7340 23'9"
6000 mm 20'0"	kg lb					*9150 *19,900	*9150 *19,900	*8500 *18,650	7550 16,150			*8200 *18,100	6400 14,250	8250 26'10"
4500 mm 15'0"	kg lb			*13 200 *28,350	*13 200 *28,350	*10 400 *22,500	10 250 22,050	*9050 *19,650	7350 15,750			7550 16,750	5650 12,500	8820 28'10"
3000 mm 10'0"	kg lb			*16 450 *35,300	14 550 31,400	*11 900 *25,700	9700 20,900	9500 20,450	7050 15,200	7250	5400	7100 15,650	5300 11,650	9110 29'10"
1500 mm 5'0"	kg lb			*15 950 *38,800	13 750 29,650	12 800 27,500	9250 19,950	9250 19,900	6800 14,700	7100	5250	6950 15,300	5150 11,350	9140 29'11"
0 mm 0'0"	kg lb			*18 700 *40,500	13 500 29,000	12 500 26,850	9000 19,350	9050 19,500	6650 14,300			7150 15,700	5250 11,600	8920 29'2"
–1500 mm –5'0"	kg lb	*12 400 *28,200	*12 400 *28,200	*18 000 *39,050	13 500 29,000	12 400 26,650	8900 19,150	9000 19,400	6600 14,200			7700 17,000	5700 12,500	8420 27'7"
–3000 mm –10'0"	kg lb	*21 500 *46,750	*21 500 *46,750	*16 350 *35,450	13 650 29,350	12 450 26,850	8950 19,300	9100	6700			8950 19,850	6600 14,550	7600 24'9"
–4500 mm –15'0"	kg lb	*17 150 *36,900	*17 150 *36,900	*13 350 *28,550	*13 350 *28,550	*9900 *20,800	9250 20,000					*9050 *19,900	8650 19,400	6330 20'5"

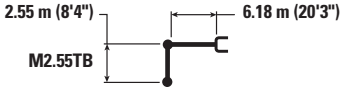
* ISO 10567:2007

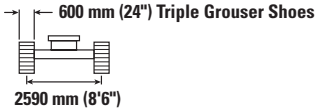
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

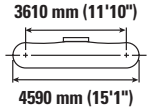
Lift capacity stays with ±5% for all available track shoes.

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

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

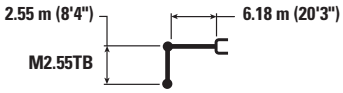


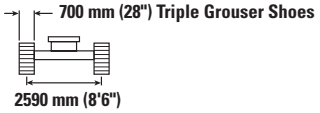


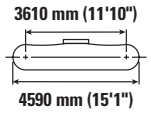


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
7500 mm **25'0"**	kg **lb**					*9200 ***20,250**	*9200 ***20,250**			*8200 ***18,200**	*8200 ***18,200**	6580 **21'3"**
6000 mm **20'0"**	kg **lb**					*9500 ***20,650**	*9500 ***20,650**	*8950	7050	*7850 ***17,250**	6900 **15,350**	7600 **24'8"**
4500 mm **15'0"**	kg **lb**			*13 300 ***28,550**	*13 300 ***28,550**	*10 550 ***22,850**	9750 **21,050**	*9200 **20,000**	6900 **14,800**	*7850 ***17,200**	5900 **13,100**	8210 **26'10"**
3000 mm **10'0"**	kg **lb**			*16 250 ***34,950**	13 950 **30,100**	*11 850 ***25,650**	9200 **19,850**	9050 **19,400**	6650 **14,250**	7400 **16,300**	5450 **12,000**	8520 **27'11"**
1500 mm **5'0"**	kg **lb**			*18 050 ***39,000**	13 100 **28,250**	12 200 **26,250**	8750 **18,850**	8750 **18,850**	6400 **13,750**	7250 **15,900**	5300 **11,600**	8550 **28'0"**
0 mm **0'0"**	kg **lb**			*18 250 ***39,500**	12 850 **27,600**	11 900 **25,600**	8500 **18,250**	8600 **18,500**	6250 **13,400**	7450 **16,400**	5400 **11,900**	8310 **27'3"**
–1500 mm **–5'0"**	kg **lb**	*16 800 ***38,150**	*16 800 ***38,150**	*17 300 ***37,500**	12 850 **27,600**	11 850 **25,450**	8400 **18,100**	8600 **18,500**	6200 **13,400**	8200 **18,050**	5950 **13,100**	7780 **25'5"**
–3000 mm **–10'0"**	kg **lb**	*19 800 ***42,950**	*19 800 ***42,950**	*15 250 ***32,900**	13 050 **28,050**	*11 550 ***24,850**	8550 **18,400**			*9500 ***20,950**	7150 **15,850**	6880 **22'5"**
–4500 mm **–15'0"**	kg **lb**			*11 150 ***23,500**	*11 150 ***23,500**					*8800 ***19,200**	*8800 ***19,200**	5430 **17'6"**

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







		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**					*9200 ***20,250**	*9200 ***20,250**			*8200 ***18,200**	*8200 ***18,200**	6580 **21'3"**
6000 mm **20'0"**	kg **lb**					*9500 ***20,650**	*9500 ***20,650**	*8950	7100	*7850 ***17,250**	6950 **15,450**	7600 **24'8"**
4500 mm **15'0"**	kg **lb**			*13 300 ***28,550**	*13 300 ***28,550**	*10 550 ***22,850**	9850 **21,200**	*9200 ***20,100**	6950 **14,900**	*7850 ***17,200**	5950 **13,200**	8210 **26'10"**
3000 mm **10'0"**	kg **lb**			*16 250 ***34,950**	14 050 **30,300**	*11 850 ***25,650**	9300 **20,000**	9100 **19,600**	6700 **14,400**	7450 **16,450**	5500 **12,100**	8520 **27'11"**
1500 mm **5'0"**	kg **lb**			*18 050 ***39,000**	13 200 **28,450**	12 300 **26,500**	8800 **19,000**	8850 **19,050**	6450 **13,850**	7300 **16,050**	5350 **11,750**	8550 **28'0"**
0 mm **0'0"**	kg **lb**			*18 250 ***39,500**	12 950 **27,800**	12 000 **25,850**	8550 **18,400**	8700 **18,650**	6300 **13,550**	7500 **16,550**	5450 **12,050**	8310 **27'3"**
–1500 mm **–5'0"**	kg **lb**	*16 800 ***38,150**	*16 800 ***38,150**	*17 300 ***37,500**	12 950 **27,850**	11 950 **25,700**	8500 **18,250**	8650 **18,650**	6250 **13,500**	8250 **18,200**	6000 **13,200**	7780 **25'5"**
–3000 mm **–10'0"**	kg **lb**	*19 800 ***42,950**	*19 800 ***42,950**	*15 250 ***32,900**	13 150 **28,300**	*11 550 ***24,850**	8600 **18,600**			*9500 ***20,950**	7200 **16,000**	6880 **22'5"**
–4500 mm **–15'0"**	kg **lb**			*11 150 ***23,500**	*11 150 ***23,500**					*8800 ***19,200**	*8800 ***19,200**	5430 **17'6"**

* **ISO 10567:2007**

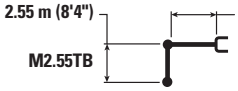
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

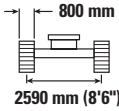
Lift capacity stays with ±5% for all available track shoes.

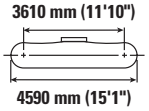
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

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

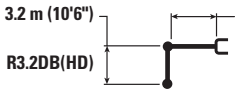


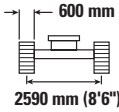


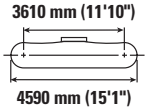


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
7500 mm **25'0"**	kg **lb**					*9200 ***20,250**	*9200 ***20,250**			*8200 ***18,200**	*8200 ***18,200**	6580 **21'3"**
6000 mm **20'0"**	kg **lb**					*9500 ***20,650**	*9500 ***20,650**	*8950	7200	*7850 ***17,250**	7050 **15,700**	7600 **24'8"**
4500 mm **15'0"**	kg **lb**			*13 300 ***28,550**	*13 300 ***28,550**	*10 550 ***22,850**	10 000 **21,500**	*9200 ***20,100**	7050 **15,150**	*7850 ***17,200**	6050 **13,400**	8210 **26'10"**
3000 mm **10'0"**	kg **lb**			*16 250 ***34,950**	14 250 **30,750**	*11 850 ***25,650**	9400 **20,300**	9250 **19,900**	6800 **14,600**	7600 **16,750**	5600 **12,300**	8520 **27'11"**
1500 mm **5'0"**	kg **lb**			*18 050 ***39,000**	13 400 **28,900**	12 500 **26,900**	8950 **19,300**	9000 **19,350**	6550 **14,100**	7400 **16,300**	5400 **11,900**	8550 **28'0"**
0 mm **0'0"**	kg **lb**			*18 250 ***39,500**	13 150 **28,250**	12 200 **26,250**	8700 **18,700**	8800 **19,000**	6400 **13,750**	7650 **16,800**	5550 **12,250**	8310 **27'3"**
–1500 mm **–5'0"**	kg **lb**	*16 800 ***38,150**	*16 800 ***38,150**	*17 300 ***37,500**	13 150 **28,250**	12 150 **26,100**	8600 **18,550**	8800 **18,950**	6350 **13,750**	8400 **18,500**	6100 **13,400**	7780 **25'5"**
–3000 mm **–10'0"**	kg **lb**	*19 800 ***42,950**	*19 800 ***42,950**	*15 250 ***32,900**	13 350 **28,750**	*11 550 ***24,850**	8750 **18,850**			*9500 ***20,950**	7300 **16,250**	6880 **22'5"**
–4500 mm **–15'0"**	kg **lb**			*11 150 ***23,500**	*11 150 ***23,500**					*8800 ***19,200**	*8800 ***19,200**	5430 **17'6"**

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







		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**							*7850	7450			*6700 ***14,800**	*6700 ***14,800**	7700 **24'11"**
6000 mm **20'0"**	kg **lb**							*7950 ***17,400**	7400 **15,850**			*6500 ***14,350**	5850 **13,050**	8580 **27'11"**
4500 mm **15'0"**	kg **lb**			*12 150	*12 150	*9750 ***21,100**	*9750 ***21,100**	*8550 ***18,550**	7150 **15,400**	7150	5300	*6550 ***14,400**	5200 **11,450**	9130 **29'10"**
3000 mm **10'0"**	kg **lb**			*15 400 ***33,050**	14 400 **31,050**	*11 300 ***24,400**	9500 **20,450**	9250 **19,950**	6850 **14,750**	7000 **15,050**	5200 **11,150**	6550 **14,400**	4850 **10,650**	9410 **30'10"**
1500 mm **5'0"**	kg **lb**			*17 700 ***38,150**	13 400 **28,900**	12 450 **26,800**	9000 **19,350**	8950 **19,250**	6600 **14,150**	6850 **14,700**	5050 **10,850**	6400 **14,050**	4700 **10,350**	9440 **30'11"**
0 mm **0'0"**	kg **lb**			*18 450 ***39,900**	13 000 **27,950**	12 100 **26,000**	8650 **18,600**	8750 **18,800**	6350 **13,700**	6750 **14,500**	4950 **10,650**	6500 **14,350**	4800 **10,500**	9220 **30'2"**
–1500 mm **–5'0"**	kg **lb**	*13 250 ***29,950**	*13 250 ***29,950**	*18 050 ***39,150**	12 900 **27,750**	11 950 **25,650**	8500 **18,300**	8650 **18,550**	6250 **13,500**			7000 **15,400**	5100 **11,250**	8750 **28'7"**
–3000 mm **–10'0"**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 750 ***36,200**	13 050 **28,000**	11 950 **25,700**	8550 **18,400**	8650 **18,700**	6300 **13,600**			8000 **17,750**	5850 **12,950**	7960 **25'11"**
–4500 mm **–15'0"**	kg **lb**	*18 750 ***40,400**	*18 750 ***40,400**	*14 150 ***30,350**	13 350 **28,750**	*10 700 ***22,750**	8750 **18,900**					*9000 ***19,800**	7500 **16,800**	6750 **21'10"**

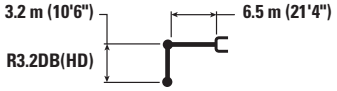
* **ISO 10567:2007**

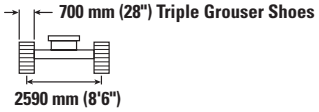
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

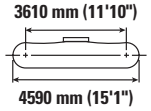
Lift capacity stays with ±5% for all available track shoes.

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

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

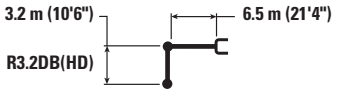


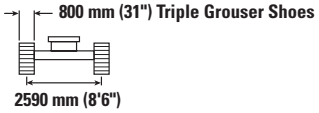


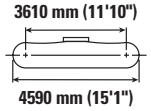


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
7500 mm 25'0"	kg lb							*7850	7500			*6700 *14,800	*6700 *14,800	7700 24'11"
6000 mm 20'0"	kg lb							*7950 *17,400	7450 16,000			*6500 *14,350	5900 13,150	8580 27'11"
4500 mm 15'0"	kg lb			*12 150	*12 150	*9750 *21,100	*9750 *21,100	*8550 *18,550	7200 15,500	7200	5350	*6550 *14,400	5250 11,550	9130 29'10"
3000 mm 10'0"	kg lb			*15 400 *33,050	14 500 31,300	*11 300 *24,400	9550 20,650	*9300 20,100	6900 14,900	7050 15,150	5250 11,250	6600 14,500	4900 10,750	9410 30'10"
1500 mm 5'0"	kg lb			*17 700 *38,150	13 550 29,150	12 550 27,000	9050 19,500	9050 19,450	6650 14,300	6900 14,850	5100 10,950	6450 14,150	4750 10,450	9440 30'11"
0 mm 0'0"	kg lb			*18 450 *39,900	13 100 28,200	12 200 26,200	8700 18,800	8800 18,950	6400 13,850	6800 14,650	5000 10,750	6600 14,450	4850 10,600	9220 30'2"
–1500 mm –5'0"	kg lb	*13 250 *29,950	*13 250 *29,950	*18 050 *39,150	13 050 28,000	12 050 25,850	8600 18,450	8700 18,750	6300 13,600			7050 15,550	5150 11,400	8750 28'7"
–3000 mm –10'0"	kg lb	*20 900 *47,350	*20 900 *47,350	*16 750 *36,200	13 150 28,250	12 050 25,950	8600 18,550	8750 18,850	6350 13,750			8100 17,900	5900 13,100	7960 25'11"
–4500 mm –15'0"	kg lb	*18 750 *40,400	*18 750 *40,400	*14 150 *30,350	13 450 28,950	*10 700 *22,750	8850 19,050					*9000 *19,800	7550 16,950	6750 21'10"

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







		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							*7850	7600			*6700 *14,800	*6700 *14,800	7700 24'11"
6000 mm 20'0"	kg lb							*7950 *17,400	7550 16,200			*6500 *14,350	6000 13,350	8580 27'11"
4500 mm 15'0"	kg lb			*12 150	*12 150	*9750 *21,100	*9750 *21,100	*8550 *18,550	7300 15,750	7300	5450	*6550 *14,400	5300 11,750	9130 29'10"
3000 mm 10'0"	kg lb			*15 400 *33,050	14 700 31,700	*11 300 *24,400	9700 20,950	*9300 *20,250	7000 15,100	7150 15,400	5300 11,400	6700 14,750	4950 10,900	9410 30'10"
1500 mm 5'0"	kg lb			*17 700 *38,150	13 750 29,600	*12 650 *27,300	9200 19,800	9200 19,750	6750 14,500	7000 15,100	5200 11,100	6550 14,400	4800 10,600	9440 30'11"
0 mm 0'0"	kg lb			*18 450 *39,900	13 300 28,650	12 400 26,650	8850 19,100	8950 19,250	6550 14,050	6900 14,900	5050 10,900	6700 14,700	4900 10,800	9220 30'2"
–1500 mm –5'0"	kg lb	*13 250 *29,950	*13 250 *29,950	*18 050 *39,150	13 250 28,450	12 200 26,300	8700 18,750	8850 19,050	6450 13,850			7150 15,800	5250 11,550	8750 28'7"
–3000 mm –10'0"	kg lb	*20 900 *47,350	*20 900 *47,350	*16 750 *36,200	13 350 28,700	12 250 26,350	8750 18,850	8900 19,150	6450 13,950			8200 18,200	6000 13,300	7960 25'11"
–4500 mm –15'0"	kg lb	*18 750 *40,400	*18 750 *40,400	*14 150 *30,350	13 650 29,400	*10 700 *22,750	8950 19,350					*9000 *19,800	7700 17,200	6750 21'10"

* ISO 10567:2007

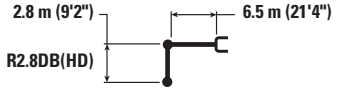
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

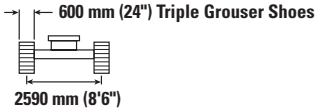
Lift capacity stays with ±5% for all available track shoes.

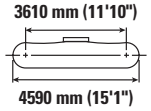
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

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

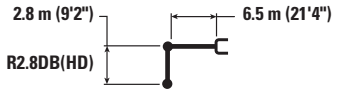


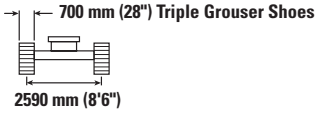


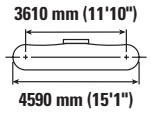


		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
7500 mm **25'0"**	kg **lb**											*8500 ***18,750**	7650 **17,150**	7340 **23'9"**
6000 mm **20'0"**	kg **lb**					*9100 ***19,750**	*9100 ***19,750**	*8450 ***18,450**	7350 **15,750**			*8200 ***18,050**	6200 **13,850**	8250 **26'10"**
4500 mm **15'0"**	kg **lb**			*13 150 ***28,150**	*13 150 ***28,150**	*10 300 ***22,300**	10 000 **21,500**	*8950 ***19,450**	7100 **15,300**			7350 **16,250**	5500 **12,100**	8820 **28'10"**
3000 mm **10'0"**	kg **lb**			*16 300 ***35,000**	14 150 **30,500**	*11 800 ***25,450**	9400 **20,300**	9250 **19,900**	6850 **14,750**	7000	5200	6850 **15,150**	5100 **11,200**	9110 **29'10"**
1500 mm **5'0"**	kg **lb**			*15 900 ***38,750**	13 300 **28,700**	12 400 **26,700**	8950 **19,300**	8950 **19,300**	6600 **14,150**	6850	5100	6700 **14,800**	4950 **10,900**	9140 **29'11"**
0 mm **0'0"**	kg **lb**			*18 500 ***40,100**	13 050 **28,050**	12 100 **26,050**	8650 **18,700**	8750 **18,900**	6400 **13,800**			6900 **15,150**	5050 **11,150**	8920 **29'2"**
–1500 mm **–5'0"**	kg **lb**	*12 350 ***28,150**	*12 350 ***28,150**	*17 800 ***38,650**	13 050 **28,000**	12 000 **25,800**	8600 **18,450**	8700 **18,750**	6350 **13,650**			7450 **16,400**	5450 **12,050**	8420 **27'7"**
–3000 mm **–10'0"**	kg **lb**	*21 250 ***46,250**	*21 250 ***46,250**	*16 200 ***35,050**	13 200 **28,350**	12 100 **26,000**	8650 **18,650**	8800	6450			8650 **19,200**	6350 **14,050**	7600 **24'9"**
–4500 mm **–15'0"**	kg **lb**	*16 950 ***36,400**	*16 950 ***36,400**	*13 150 ***28,200**	*13 150 ***28,200**	*9800 ***20,500**	8950 **19,350**					*8950 ***19,600**	8400 **18,800**	6330 **20'5"**

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







		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**											*8500 ***18,750**	7700 **17,300**	7340 **23'9"**
6000 mm **20'0"**	kg **lb**					*9100 ***19,750**	*9100 ***19,750**	*8450 ***18,450**	7400 **15,850**			*8200 ***18,050**	6250 **13,950**	8250 **26'10"**
4500 mm **15'0"**	kg **lb**			*13 150 ***28,150**	*13 150 ***28,150**	*10 300 ***22,300**	10 050 **21,700**	*8950 ***19,450**	7200 **15,450**			7400 **16,350**	5500 **12,200**	8820 **28'10"**
3000 mm **10'0"**	kg **lb**			*16 300 ***35,000**	14 250 **30,750**	*11 800 ***25,450**	9500 **20,500**	9300 **20,050**	6900 **14,850**	7050	5250	6950 **15,250**	5150 **11,300**	9110 **29'10"**
1500 mm **5'0"**	kg **lb**			*15 900 ***38,750**	13 400 **28,900**	12 500 **26,950**	9050 **19,450**	9050 **19,450**	6650 **14,300**	6950	5100	6800 **14,900**	5000 **11,000**	9140 **29'11"**
0 mm **0'0"**	kg **lb**			*18 500 ***40,100**	13 150 **28,300**	12 200 **26,250**	8750 **18,850**	8850 **19,050**	6450 **13,900**			6950 **15,300**	5100 **11,250**	8920 **29'2"**
–1500 mm **–5'0"**	kg **lb**	*12 350 ***28,150**	*12 350 ***28,150**	*17 800 ***38,650**	13 150 **28,250**	12 100 **26,050**	8650 **18,650**	8800 **18,900**	6400 **13,800**			7500 **16,550**	5500 **12,150**	8420 **27'7"**
–3000 mm **–10'0"**	kg **lb**	*21 250 ***46,250**	*21 250 ***46,250**	*16 200 ***35,050**	13 300 **28,600**	12 200 **26,200**	8700 **18,800**	8900	6500			8750 **19,350**	6400 **14,150**	7600 **24'9"**
–4500 mm **–15'0"**	kg **lb**	*16 950 ***36,400**	*16 950 ***36,400**	*13 150 ***28,200**	*13 150 ***28,200**	*9800 ***20,500**	9050 **19,550**					*8950 ***19,600**	8450 **18,950**	6330 **20'5"**

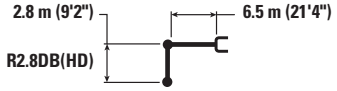
* **ISO 10567:2007**

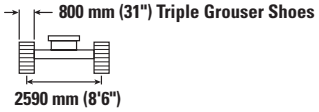
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

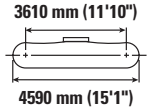
Lift capacity stays with ±5% for all available track shoes.

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

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







		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**											*8500 ***18,750**	7800 **17,550**	7340 **23'9"**
6000 mm **20'0"**	kg **lb**					*9100 ***19,750**	*9100 ***19,750**	*8450 ***18,450**	7500 **16,050**			*8200 ***18,050**	6350 **14,150**	8250 **26'10"**
4500 mm **15'0"**	kg **lb**			*13 150 ***28,150**	*13 150 ***28,150**	*10 300 ***22,300**	10 200 **22,000**	*8950 ***19,450**	7300 **15,650**			7500 **16,650**	5600 **12,400**	8820 **28'10"**
3000 mm **10'0"**	kg **lb**			*16 300 ***35,000**	14 450 **31,200**	*11 800 ***25,450**	9650 **20,750**	9450 **20,350**	7000 **15,050**	7150	5300	7050 **15,500**	5200 **11,500**	9110 **29'10"**
1500 mm **5'0"**	kg **lb**			*15 900 ***38,750**	13 600 **29,350**	12 700 **27,350**	9150 **19,750**	9200 **19,750**	6750 **14,500**	7050	5200	6900 **15,150**	5100 **11,200**	9140 **29'11"**
0 mm **0'0"**	kg **lb**			*18 500 ***40,100**	13 350 **28,700**	12 400 **26,650**	8900 **19,150**	9000 **19,350**	6550 **14,150**			7050 **15,550**	5200 **11,450**	8920 **29'2"**
–1500 mm **–5'0"**	kg **lb**	*12 350 ***28,150**	*12 350 ***28,150**	*17 800 ***38,650**	13 350 **28,700**	12 300 **26,450**	8800 **18,900**	8900 **19,200**	6500 **14,000**			7650 **16,800**	5600 **12,350**	8420 **27'7"**
–3000 mm **–10'0"**	kg **lb**	*21 250 ***46,250**	*21 250 ***46,250**	*16 200 ***35,050**	13 500 **29,050**	12 350 **26,650**	8850 **19,100**	9050	6600			8900 **19,650**	6500 **14,400**	7600 **24'9"**
–4500 mm **–15'0"**	kg **lb**	*16 950 ***36,400**	*16 950 ***36,400**	*13 150 ***28,200**	*13 150 ***28,200**	*9800 ***20,500**	9150 **19,800**					*8950 ***19,600**	8550 **19,250**	6330 **20'5"**

* **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.

Typical Pass Match Guide

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

Configuration:*
Standard Undercarriage, Reach Boom, R3.2DB (10'6") Stick, General Duty (GD) 2.12 m^3 (2.77 yd^3) Bucket, and 600 mm (24"), Triple Grouser Shoes, 7.56 mt (16,700 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^3 (2,700 lb/yd^3)	7	8	8	9	11	11	12	11	14	16	16	19
Limestone	1540 kg/m^3 (2,600 lb/yd^3)	8	10	9	11	13	12	14	13	16	19	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.*

Bucket Specifications and Compatibility

		Width		Capacity		Weight		Fill	Standard Undercarriage 7.56 mt (16,700 lb) Counterweight					
									Reach HD		Reach			Mass
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.8 (9'2") HD	R3.2 (10'6") HD	R2.8 (9'2")	R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")
Pin-On (No Quick Coupler)														
General Duty	DB	1750	69	2.50	3.27	1535	3,381	100	⊖	○	⊖	⊖	○	
Heavy Duty	DB	1500	61	1.88	2.46	1620	3,571	100	●	◉	●	◉	⊖	
	DB	1550	61	1.88	2.46	1632	3,594	100	◉	◉	●	◉	⊖	
	DB	1650	67	2.12	2.77	1718	3,787	100	◉	⊖	◉	⊖	○	
	DB	1700	67	2.12	2.77	1726	3,801	100	◉	⊖	◉	⊖	○	
	DB	1800	73	2.36	3.08	1783	3,926	100	⊖	○	⊖	⊖	○	
	DB	1650	65	2.41	3.15	1800	3,964	100	⊖	○	⊖	○	◇	
	DB	1700	67	2.20	2.88	1794	3,951	100	⊖	⊖	⊖	⊖	○	
	DB	1750	69	2.60	3.40	1932	4,255	100	○	○	○	○	◇	
General Duty	TB	1750	69	2.60	3.40	2117	4,668	100						⊖
	TB	1800	71	2.60	3.40	2282	5,025	100						○
Heavy Duty	TB	1650	65	2.41	3.16	2332	5,140	100						⊖
	TB	1750	69	2.50	3.27	2420	5,329	100						○
	TB	1850	73	2.69	3.52	2639	5,811	100						○
	TB	1900	75	2.80	3.66	2548	5,612	100						○
Severe Duty	TB	1600	63	2.20	2.88	2390	5,268	90						◉
	TB	1650	66	2.41	3.16	2470	5,444	90						⊖
	TB	1750	69	2.60	3.40	2430	5,352	90						⊖
	TB	1800	71	2.60	3.40	2618	5,766	90						○
	TB	1900	75	2.80	3.66	2782	6,132	90						○
Severe Duty – V Edge	TB	1500	60	2.14	2.80	2218	4,891	90						◉
	TB	1650	66	2.41	3.15	2367	5,218	90						⊖
	TB	1900	75	2.80	3.66	2601	5,728	90						○
Maximum load with pin-on (payload + bucket)								kg	5380	5070	5460	5170	4510	5910
								lb	11,861	11,177	12,037	11,398	9,943	13,029
With Cat Pin Grabber Coupler														
General Duty	DB	1750	69	2.50	3.27	1535	3,381	100	○	◇	○	○	◇	
Heavy Duty	DB	1500	61	1.88	2.46	1620	3,571	100	⊖	⊖	⊖	⊖	○	
	DB	1550	61	1.88	2.46	1632	3,594	100	⊖	⊖	⊖	⊖	○	
	DB	1650	67	2.12	2.77	1718	3,787	100	○	○	⊖	○	◇	
	DB	1700	67	2.12	2.77	1726	3,801	100	○	○	⊖	○	◇	
	DB	1800	73	2.36	3.08	1783	3,926	100	○	◇	○	◇	◇	
	DB	1650	65	2.41	3.15	1800	3,964	100	○	◇	○	◇	X	
	DB	1700	67	2.20	2.88	1794	3,951	100	○	○	○	○	◇	
	DB	1750	69	2.60	3.40	1932	4,255	100	◇	◇	◇	◇	X	
General Duty	TB	1750	69	2.60	3.40	2117	4,668	100						◇
	TB	1800	71	2.60	3.40	2282	5,025	100						◇
Heavy Duty	TB	1650	65	2.41	3.16	2332	5,140	100						◇
	TB	1750	69	2.50	3.27	2420	5,329	100						◇
	TB	1850	73	2.69	3.52	2639	5,811	100						X
	TB	1900	75	2.80	3.66	2548	5,612	100						X
Severe Duty	TB	1600	63	2.20	2.88	2390	5,268	90						○
	TB	1650	66	2.41	3.16	2470	5,444	90						◇
	TB	1750	69	2.60	3.40	2430	5,352	90						◇
	TB	1800	71	2.60	3.40	2618	5,766	90						◇
	TB	1900	75	2.80	3.66	2782	6,132	90						X
Severe Duty – V Edge	TB	1500	60	2.14	2.80	2218	4,891	90						○
	TB	1650	66	2.41	3.15	2367	5,218	90						○
	TB	1900	75	2.80	3.66	2601	5,728	90						◇
Maximum load with coupler (payload + bucket)								kg	4682	4372	4762	4472	3812	4857
								lb	10,323	9,639	10,499	9,860	8,405	10,708

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^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- 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.

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		—										
Counterweight		**6.8 mt (14,991 lb)**				**7.56 mt (16,700 lb)**						
Boom Type		**Reach**			**ME**	**Reach**			**Reach HD**			**ME**
Stick Length		**2.80 m (9'2")**	**3.20 m (10'6")**	**3.90 m (12'10")**	**2.55m (8'4")**	**2.80 m (9'2")**	**3.20 m (10'6")**	**3.90 m (12'10")**	**2.80 m HD (9'2")**	**3.20 m HD (10'6")**	**3.90 m HD (12'10")**	**2.55 m (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	✓*	✓*		✓	✓	✓		✓	✓		✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓		✓	✓	✓	✓	✓	✓	
	RC50				✓							✓

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Long Wide			
Counterweight		**7.56 mt (16,700 lb)**			
Boom Type		**Reach HD**			**ME**
Stick Length		**2.80 m HD (9'2")**	**3.20 m HD (10'6")**	**3.90 m HD (12'10")**	**2.55 m (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	✓	✓	✓*	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓	
	RC50				✓

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
6.18 m (20'3") Mass boom		✓
6.5 m (21'4") Reach boom		✓
6.5 m (21'4") HD Reach boom		✓
2.55 m (8'4") Mass stick		✓
2.8 m (9'2") Reach stick		✓
2.8 m (9'2") HD Reach stick		✓
3.2 m (10'6") Reach stick		✓
3.2 m (10'6") HD Reach stick		✓
3.9 m (12'10") Reach stick		✓
TB family bucket linkage with lifting eye		✓
DB family bucket linkage with lifting eye		✓
CAT TECHNOLOGY		
Cat Equipment Management:		
– VisionLink™	✓[1]	
– Remote Flash	✓	
– Remote Troubleshoot	✓	
– Work tool recognition and tracking (PL161)	✓	
– Operator Coaching		✓[2]
Cat Grade:		
– Cat Grade with 2D		✓
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓
– Laser catcher		✓
– Cat Grade with 3D (single or dual Global Navigation Satellite System [GNSS])		✓
– Compatible with 3D grade systems from Trimble, Topcon, and Leica		✓
– Cat Grade 3D Ready		✓
– Cat Grade Connectivity		✓[2]
Cat Assist:		
– 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		✓[2]
Cat Advanced Payload:		
– Daily totals		✓
– Custom lists		✓
– Smart weight target		✓
– E-ticket Integration		✓[2]
Other:		
Cat Tiltrotator (TRS) integration		✓

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries (×2)	✓	
Maintenance-free 1,000 CCA batteries (×4)		✓
Centralized electrical disconnect switch	✓	
LED exterior chassis and boom lights	✓	
Premium surround working lights		✓
ENGINE		
115 Amp alternator	✓	
Three selectable modes: Power, Smart, Eco	✓	
Auto engine speed control	✓	
52° C (126° F) high-ambient cooling		✓
Hydraulic reverse fan		✓
–18° C (0° F) cold start capability	✓	
–32° C (–25° F) cold start capability		✓
Double element air filter with integrated pre-cleaner	✓	
Dual stage four micron main filter	✓	
10 micron primary filter with water separator	✓	
Electric fuel priming pump	✓	
Secure start with PIN code	✓	
Remote disable	✓	
HYDRAULIC SYSTEM		
Boom and stick regeneration circuit	✓	
Electronic main control valve	✓	
Auto dig boost		✓
Auto heavy lift		✓
Auto hydraulic oil warmup	✓	
Bio hydraulic oil capability	✓	
Reverse swing damping valve	✓	
Auto swing parking brake	✓	
High performance hydraulic return filter	✓	
Two speed travel	✓	
Single one-way circuit		✓
Combined two-way circuit with hammer return filter		✓
Quick coupler circuit for Cat Pin Grabber		✓
Hydraulic efficiency monitoring		✓

[1]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.

[2]VisionLink subscription required. Consult your Cat dealer for details.

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
SAFETY AND SECURITY		
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	✓	
Lockable disconnect switch	✓	
Service platform with anti-skid plate and recessed bolts	✓	
Right Hand (RH) handrail and handhold	✓	
Signaling/warning horn	✓	
Travel alarm		✓
Swing alarm		✓
Ground-level secondary engine shutoff switch	✓	
Rearview camera	✓	
Right-hand-side view mirror		✓
Right-hand-side view camera		✓
Inspection lighting		✓
SERVICE AND MAINTENANCE		
Integrated vehicle health management system	✓	
Grouped engine oil and fuel filters	✓	
S·O·S℠ ports	✓	
QuickEvac™ maintenance ready		✓

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
Standard undercarriage	✓	
Towing eye on base frame	✓	
Center track guiding guards		✓
Full-length track guiding guards		✓
Segmented two-piece track guiding guards		✓
Swivel guard	✓	
Bottom guard		✓
HD bottom guard		✓
Travel motor guards		✓
HD travel motor guards		✓
Grease lubricated track	✓	
7.56 mt (16,700 lb) counterweight	✓	
600 mm (24") triple grouser track shoes		✓
700 mm (28") triple grouser track shoes		✓
800 mm (31") triple grouser track shoes		✓

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Lower radial wiper
- Left Hand (LH)/RH electrical pedal for tool control
- Dual exit rear window
- Rain protector for front windshield and cab light cover
- Polycarbonate roof hatch

ELECTRICAL

- Premium surround working lights

GUARDS

- Mesh guard full front
- Mesh guard half front
- Full protecting vandalism guard

SAFETY AND SECURITY

- Bluetooth® receiver kit
- Bluetooth key fob
- Operator Protective Guards
- Cat Detect – People Detection
- Cat Command – Remote control kit

336 Cab Options

Cab Options

Rollover Protective Structure (ROPS)	●
Operator Protective Guards (OPG)	○
High-resolution 203 mm (8") LCD touchscreen monitor	●
High-resolution 254 mm (10") LCD touchscreen monitor	○
Auto bi-level air conditioner	●
Keyless push-to-start engine control	●
Air-suspension seat	●
51 mm (2") seat belt	●
Bluetooth radio with USB/Auxiliary ports	●
24V DC outlet	●
Beverage holder	●
Openable two-piece front window	●
Rear window emergency exit	●
Radial wiper with washer	●
Openable steel hatch	●
LED dome light	●
Roller front sunscreen	●
Roller rear sunscreen	○
Washable floor mat	●

● Standard

○ Optional

336 Environmental Declaration

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 China Nonroad Stage III emission standards, emits equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat® engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:
  - ✓ 100% 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.

**For use of blends higher than 20% biodiesel, consult your Cat dealer.*

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

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_2 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_2 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 labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. 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**

© 2025 Caterpillar
All rights reserved

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

CAT, CATERPILLAR, LET'S DO THE WORK, VisionLink, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

AEXQ4074-01 (11-2025)
Replaces: AEXQ4074-00
Build Number: 08D
(SE Asia)