



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	
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

- Emits equivalent to China Nonroad Stage III emission, 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
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- Standard Undercarriage, Reach Boom, R3.2DB (10'6") Stick, General Duty (GD) 2.12 m³ (2.77 yd³) 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

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Sound Performance

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

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

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.00 kg of refrigerant which has a CO₂ equivalent of 1.430 metric tonnes.

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
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Machine Configurations						
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.

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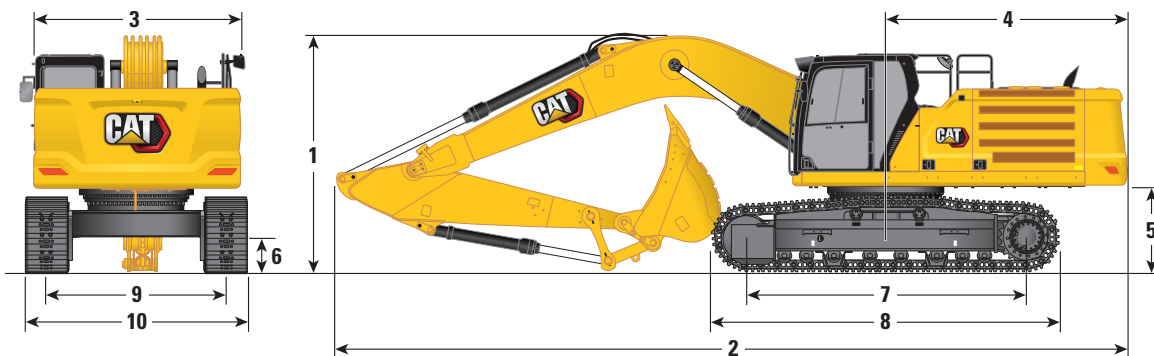
Major Component Weights

	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

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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"
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4 Tail Swing Radius

3530 mm	11'7"	3530 mm	11'7"	3530 mm	11'7"	3530 mm	11'7"
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5 Counterweight Clearance

1250 mm	4'1"	1250 mm	4'1"	1250 mm	4'1"	1250 mm	4'1"
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6 Ground Clearance

510 mm	1'8"	510 mm	1'8"	510 mm	1'8"	510 mm	1'8"
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7 Track Length – Length to Center of Rollers

3610 mm	11'10"	3610 mm	11'10"	3610 mm	11'10"	3610 mm	11'10"
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8 Track Length

4590 mm	15'1"	4590 mm	15'1"	4590 mm	15'1"	4590 mm	15'1"
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9 Track Gauge – Extended

2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
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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

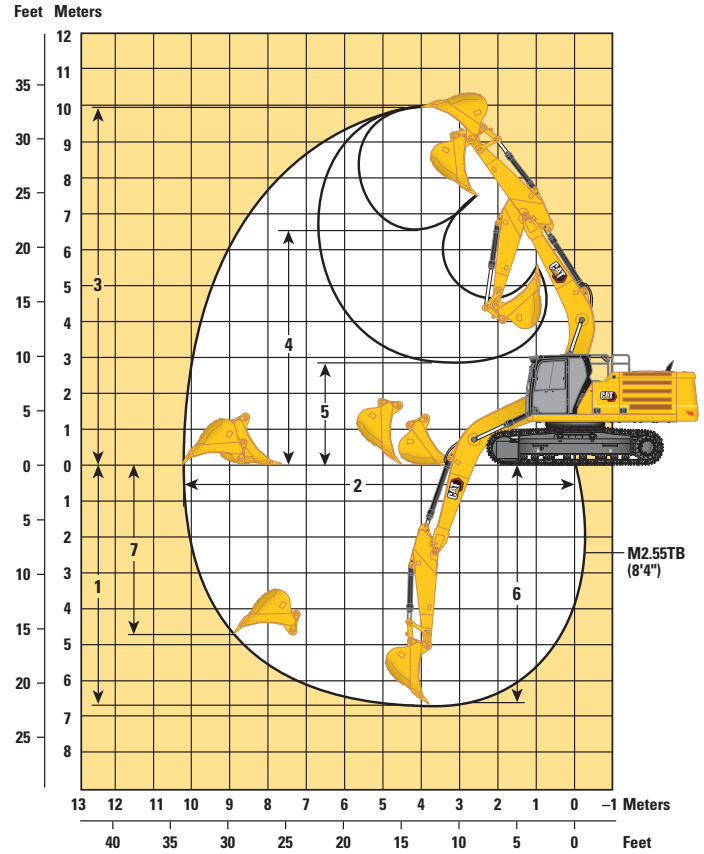
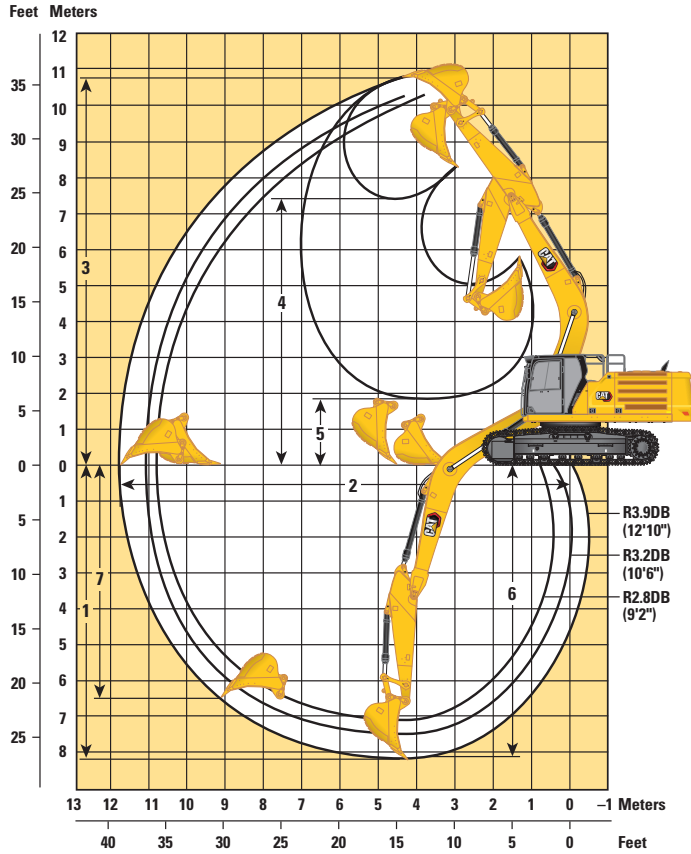
SDV

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

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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

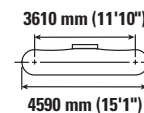
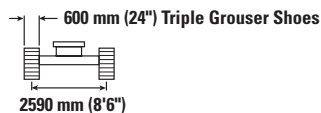
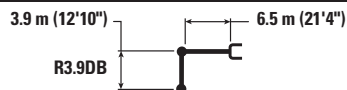
Reach Stick

Mass Stick

	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")		M2.55TB (8'4")	
	mm	ft	mm	ft	mm	ft	mm	ft
1 Maximum Digging Depth	8190	26'10"	7490	24'7"	7090	23'3"	6730	22'1"
2 Maximum Reach at Ground Line	11 720	38'5"	11 020	36'2"	10 720	35'2"	10 340	33'11"
3 Maximum Cutting Height	10 700	35'1"	10 280	33'9"	10 350	33'11"	9990	32'9"
4 Maximum Loading Height	7500	24'7"	7110	23'4"	7110	23'4"	6540	21'5"
5 Minimum Loading Height	1910	6'3"	2610	8'7"	3010	9'11"	2840	9'4"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	8050	26'5"	7330	24'1"	6920	22'8"	6560	21'6"
7 Maximum Vertical Wall Digging Depth	6420	21'1"	5610	18'5"	5570	18'3"	4690	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

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



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



ISO 10567:2007



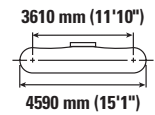
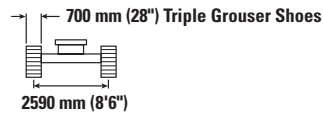
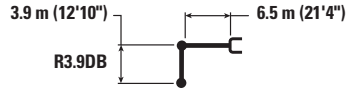
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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



Reach mm ft/in	kg lb	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 *11,200	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



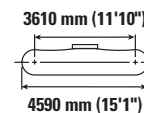
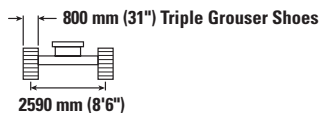
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

336 Hydraulic Excavator Specifications

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



Reach mm ft/in	kg lb	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 *11,200	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



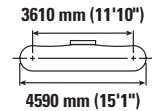
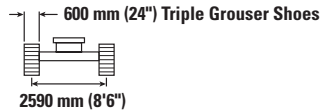
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

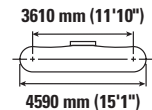
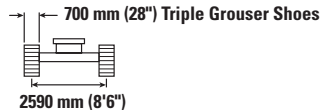
336 Hydraulic Excavator Specifications

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



Reach	Unit	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		mm ft/in		
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 25'0"	kg lb							*7950 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	*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



Reach	Unit	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		mm ft/in		
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 25'0"	kg lb							*7950 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	*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



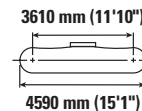
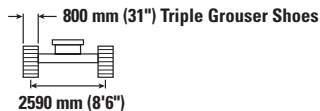
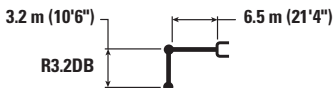
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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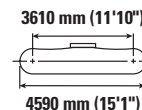
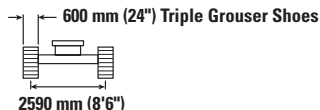
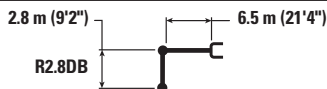
336 Hydraulic Excavator Specifications

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 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 *33,300	*12 250 31,900	*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



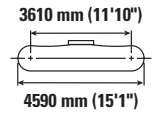
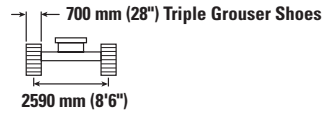
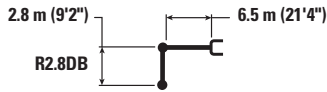
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Lift capacity stays with ±5% for all available track shoes.

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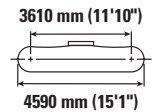
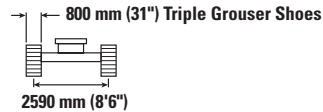
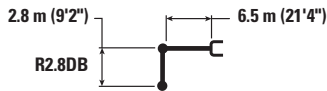
336 Hydraulic Excavator Specifications

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



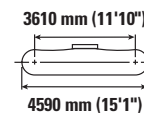
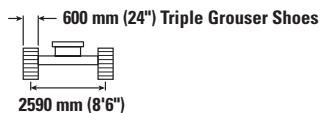
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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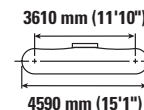
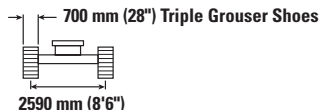
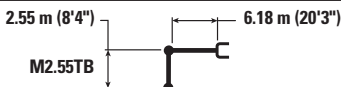
336 Hydraulic Excavator Specifications

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



Boom Length	Unit	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		Attachment Point		mm ft/in
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	
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



Boom Length	Unit	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		Attachment Point		mm ft/in
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	
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



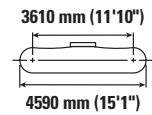
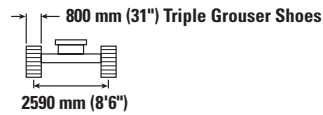
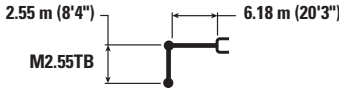
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








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

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

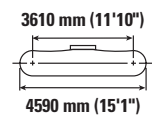
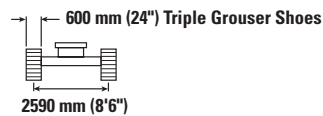
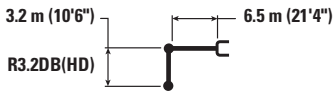
336 Hydraulic Excavator Specifications











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 *17,400	7450 15,850			*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



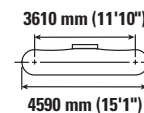
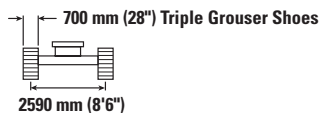
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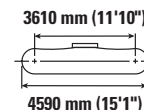
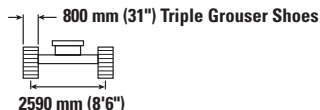
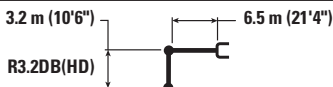
336 Hydraulic Excavator Specifications

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							*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 *33,050	*12 150 31,300	*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 *33,050	*12 150 31,300	*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



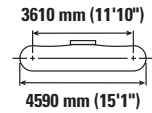
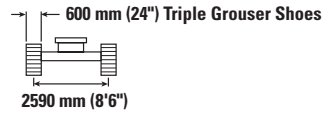
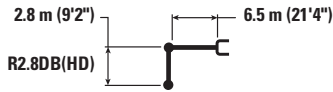
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Lift capacity stays with ±5% for all available track shoes.

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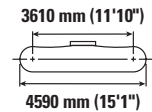
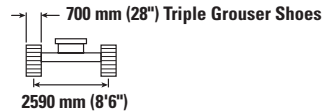
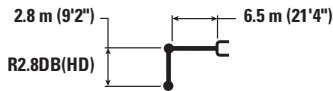
336 Hydraulic Excavator Specifications

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



Reach mm ft/in	kg lb	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



Reach mm ft/in	kg lb	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	13 200 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



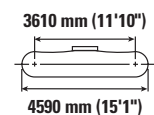
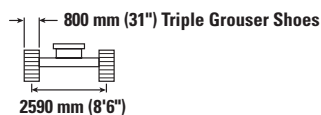
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

336 Hydraulic Excavator Specifications

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



Reach mm ft/in	kg lb	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		mm ft/in		
		1	2	1	2	1	2	1	2	1	2	1	2	
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.

336 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill %	Standard Undercarriage 7.56 mt (16,700 lb) Counterweight					
		mm	in	m ³	yd ³	kg	lb		Reach HD		Reach			Mass
									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	⊖	⊖	⊖	⊖	⊙	
General Duty	TB	1750	69	2.60	3.40	1932	4,255	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						⊙
								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	⊙	⊙	⊙	⊙	◇	
General Duty	DB	1750	69	2.60	3.40	1932	4,255	100	◇	◇	◇	◇	X	
	TB	1750	69	2.60	3.40	2117	4,668	100						◇
TB	1800	71	2.60	3.40	2282	5,025	100						◇	
	1650	65	2.41	3.16	2332	5,140	100						◇	
Heavy Duty	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
	TB	1600	63	2.20	2.88	2390	5,268	90						⊙
Severe Duty	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
	TB	1800	71	2.60	3.40	2618	5,766	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						◇
								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 EN474-5:2006 + A3:2013, 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/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ⊙ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- 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.

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		—										
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					✓

336 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
BOOMS, STICKS AND LINKAGES			ELECTRICAL SYSTEM		
6.18 m (20'3") Mass boom		✓	Maintenance-free 1,000 CCA batteries (×2)	✓	
6.5 m (21'4") Reach boom		✓	Maintenance-free 1,000 CCA batteries (×4)		✓
6.5 m (21'4") HD Reach boom		✓	Centralized electrical disconnect switch	✓	
2.55 m (8'4") Mass stick		✓	LED exterior chassis and boom lights	✓	
2.8 m (9'2") Reach stick		✓	Premium surround working lights		✓
2.8 m (9'2") HD Reach stick		✓	ENGINE		
3.2 m (10'6") Reach stick		✓	115 Amp alternator	✓	
3.2 m (10'6") HD Reach stick		✓	Three selectable modes: Power, Smart, Eco	✓	
3.9 m (12'10") Reach stick		✓	Auto engine speed control	✓	
TB family bucket linkage with lifting eye		✓	52° C (126° F) high-ambient cooling		✓
DB family bucket linkage with lifting eye		✓	Hydraulic reverse fan		✓
CAT TECHNOLOGY			-18° C (0° F) cold start capability	✓	
Cat Equipment Management:			-32° C (-25° F) cold start capability		✓
- VisionLink®	✓ ¹		Double element air filter with integrated pre-cleaner	✓	
- VisionLink Productivity		✓ ²	Dual stage four micron main filter	✓	
- Remote Flash	✓		10 micron primary filter with water separator	✓	
- Remote Troubleshoot	✓		Electric fuel priming pump	✓	
- Work tool recognition and tracking (PL161)	✓		Secure start with PIN code	✓	
- Operator Coaching		✓ ³	Remote disable	✓	
Cat Grade:			HYDRAULIC SYSTEM		
- Cat Grade with 2D		✓	Boom and stick regeneration circuit	✓	
- Cat Grade with 2D with Attachment Ready Option (ARO)		✓	Electronic main control valve	✓	
- Laser catcher		✓	Auto dig boost		✓
- Cat Grade with 3D (single or dual Global Navigation Satellite System [GNSS])		✓	Auto heavy lift		✓
- Compatible with 3D grade systems from Trimble, Topcon, and Leica		✓	Auto hydraulic oil warmup	✓	
- Cat Grade 3D Ready		✓	Bio hydraulic oil capability	✓	
- Cat Grade Connectivity		✓ ²	Reverse swing damping valve	✓	
Cat Assist:			Auto swing parking brake	✓	
- Grade Assist		✓	High performance hydraulic return filter	✓	
- Boom Assist		✓	Two speed travel	✓	
- Bucket Assist		✓	Single one-way circuit		✓
- Swing Assist		✓	Combined two-way circuit with hammer return filter		✓
- Lift Assist		✓	Quick coupler circuit for Cat Pin Grabber		✓
Cat Payload:			Hydraulic efficiency monitoring		✓
- On-the-go weighing		✓	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.		
- Semiautomatic calibration		✓	² VisionLink subscription required. Consult your Cat dealer for details.		
- Payload/cycle information		✓	³ VisionLink subscription required for back office reporting. Consult your Cat dealer for details.		
- VisionLink Productivity back office reporting		✓ ²			
Cat Advanced Payload:					
- Daily totals		✓			
- Custom lists		✓			
- Smart weight target		✓			
- E-ticket Integration		✓ ²			
Other:					
Cat Tiltrotator (TRS) integration		✓			

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
SAFETY AND SECURITY			UNDERCARRIAGE AND STRUCTURES		
2D E-Fence:		✓	Standard undercarriage	✓	
– E-ceiling			Towing eye on base frame	✓	
– E-floor			Center track guiding guards		✓
– E-swing			Full-length track guiding guards		✓
– E-wall			Segmented two-piece track guiding guards		✓
– E-cab avoidance			Swivel guard	✓	
Auto hammer stop	✓		Bottom guard		✓
Caterpillar One Key security system	✓		HD bottom guard		✓
Lockable external tool/storage box	✓		Travel motor guards		✓
Lockable door, fuel, and hydraulic tank locks	✓		HD travel motor guards		✓
Lockable fuel drain compartment	✓		Grease lubricated track	✓	
Lockable disconnect switch	✓		7.56 mt (16,700 lb) counterweight	✓	
Service platform with anti-skid plate and recessed bolts	✓		600 mm (24") triple grouser track shoes		✓
Right Hand (RH) handrail and handhold	✓		700 mm (28") triple grouser track shoes		✓
Signaling/warning horn	✓		800 mm (31") triple grouser track shoes		✓
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	✓				
Scheduled Oil Sampling (S·O·S SM) ports	✓				
QuickEvac TM maintenance ready		✓			

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Premium surround working lights GUARDS <ul style="list-style-type: none">• Mesh guard full front• Mesh guard half front• Full protecting vandalism guard	SAFETY AND SECURITY <ul style="list-style-type: none">• Bluetooth® receiver kit• Bluetooth key fob• Operator Protective Guards• Cat Detect – People Detection• Cat Command – Remote control kit
--	--	--

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

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

- Emits equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Nonroad Stage III.
- 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 (hydrogenated 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 (Global Warming Potential = 1430). The system contains 1.0 kg (2.2 lb) of refrigerant which has a CO₂ equivalent of 1.430 metric tonnes (1.576 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)

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

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

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Build Number: 08D
(SE Asia)

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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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