



340-07 HD High Wide

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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340-07 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C9.3B	
Net Power – ISO 9249	232 kW	311 hp
Engine Power – ISO 14396	234 kW	314 hp
Bore	115 mm	5 in
Stroke	149 mm	6 in
Displacement	9.3 L	568 in ³

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 3300 m (10,830 ft) altitude with engine power derate above 2300 m (7,550 ft).
- Net power is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator.
- Rated speed at 1,800 rpm.
- All Cat nonroad U.S. EPA Tier 4 Final, EU Stage V, Japan 2014, Korea Tier 5, India CEV Stage V, and China Nonroad Stage IV diesel engines are required to use ULSD (ultra-low sulfur diesel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.*

Swing Mechanism

Swing Speed	8.75 rpm	
Maximum Swing Torque	144 kN·m	106,228 lbf-ft

Weights

Operating Weight	39 700 kg	87,600 lb
• HD High Wide undercarriage, Reach boom, R3.2DB (10'6") stick, GD 2.27 m ³ (2.97 yd ³) bucket, 600 mm (24") HD triple grouser shoes, and 7.56 mt (16,700 lb) counterweight.		
Operating Weight	41 300 kg	91,100 lb
• HD High Wide undercarriage, Mass boom, M2.55TB (8'4") stick, SD 2.41 m ³ (3.15 yd ³) bucket, 600 mm (24") double grouser shoes, and 7.56 (16,700 lb) counterweight.		

Track

Standard Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	850 mm	33 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
Maximum Travel Speed	4.7 km/h	2.9 mph
Maximum Drawbar Pull	295 kN	66,206 lbf

Hydraulic System

Main System – Maximum Flow – Implement	558 L/min (279 × 2 pumps)	147 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
B1 Bucket Cylinder – Bore	120 mm	5 in
B1 Bucket Cylinder – Stroke	1104 mm	43 in

Service Refill Capacities

Fuel Tank Capacity	600 L	158.5 gal
Cooling System	40 L	10.5 gal
Engine Oil (with filter)	32 L	8.5 gal
Swing Drive	18 L	4.8 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	373 L	98.5 gal
Hydraulic Tank (including suction pipe)	161 L	42.5 gal
Diesel Exhaust Fluid (DEF) Tank	80 L	21.1 gal

340-07 Hydraulic Excavator Specifications

Standards

Brakes	ISO 10265:2008
Cab/Falling Object Guard System (FOGS) (optional)	ISO 10262:1998
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008

Sound Performance

ISO 6395:2008 (external)	105 dB(A)
ISO 6396:2008 (inside cab)	73 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") Double Grouser Shoes		600 mm (24") HD Triple Grouser Shoes		700 mm (28") Triple Grouser Shoes		850 mm (33") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
7.56 mt (16,700 lb) Counterweight + HD High Wide Undercarriage Base Machine								
Reach Boom + R3.9 m DB (12'10") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	40 000 (88,200)	74.5 (10.8)	39 900 (87,900)	74.3 (10.8)	39 600 (87,300)	63.2 (9.2)	40 400 (89,200)	53.2 (7.7)
Reach Boom + R3.2 m DB (10'6") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	39 800 (87,800)	74.2 (10.8)	39 700 (87,600)	74.0 (10.7)	39 400 (86,900)	62.9 (9.1)	40 300 (88,800)	52.9 (7.7)
Reach Boom + R2.8 m DB (9'2") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	39 700 (87,600)	74.0 (10.7)	39 600 (87,300)	73.8 (10.7)	39 300 (86,700)	62.8 (9.1)	40 200 (88,600)	52.8 (7.7)
Mass Boom + M2.55 m TB (8'4") Stick + 2.41 m ³ (3.15 yd ³) SD Bucket	41 300 (91,100)	77.0 (11.2)	41 200 (90,900)	76.8 (11.1)	40 900 (90,200)	65.3 (9.5)	41 800 (92,100)	54.9 (8.0)

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

340-07 Hydraulic Excavator Specifications

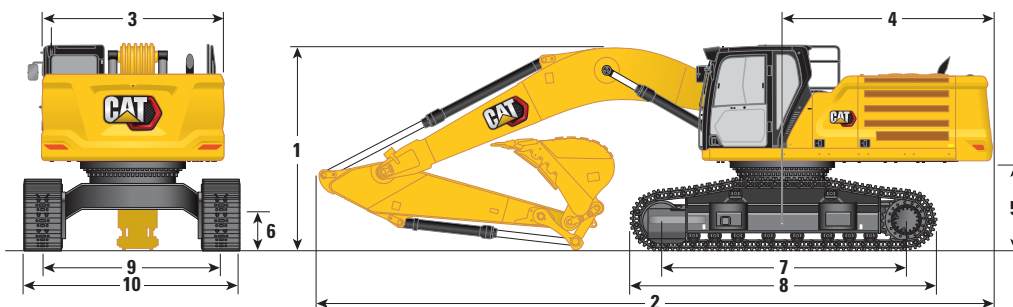
Major Component Weights

	kg	lb
Base machine with 7.56 mt (16,700 lb) counterweight, HD swing frame, two boom cylinders, and SD track rollers and carrier rollers for HD High Wide undercarriage	27 490	60,600
Track Shoes:		
600 mm (24") Width, 15.5 mm (0.61") Thick, DG Track Shoes	4850	10,700
600 mm (24") Width, 15.5 mm (0.61") Thick, HD Triple Grouser Track Shoes	4750	10,470
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	4450	9,800
850 mm (33") Width, 15.5 mm (0.61") Thick, Triple Grouser Track Shoes	5300	11,690
Two Boom Cylinders	710	1,570
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	550	1,210
Counterweights:		
7.56 mt (16,700 lb) Counterweight	7560	16,670
Swing Frame:		
HD Swing Frame	3260	7,180
Long Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8690	19,150
Long Narrow Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8570	18,890
HD High Wide Undercarriage:		
Base Frame with SD Track Rollers and HD Carrier Rollers	10 280	22,660
Booms (including lines, pins, stick cylinder):		
Reach Boom 6.5 m (21'4")	3440	7,590
Mass Boom 6.18 m (20'3")	3660	8,070
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R2.8DB (9'2")	1800	3,960
Reach Stick R3.2DB (10'6")	1890	4,180
Reach Stick R3.9DB (12'10")	2070	4,560
Buckets (without linkage):		
2.27 m ³ (2.97 yd ³) GD	1590	3,510
2.41 m ³ (3.15 yd ³) SD	2550	5,630
0.93 m ³ (1.22 yd ³) SD	750	1,650
Quick Couplers:		
CW Dedicated QC	480	1,050
Pin Grabber QC	700	1,550

340-07 Hydraulic Excavator Specifications

Dimensions

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

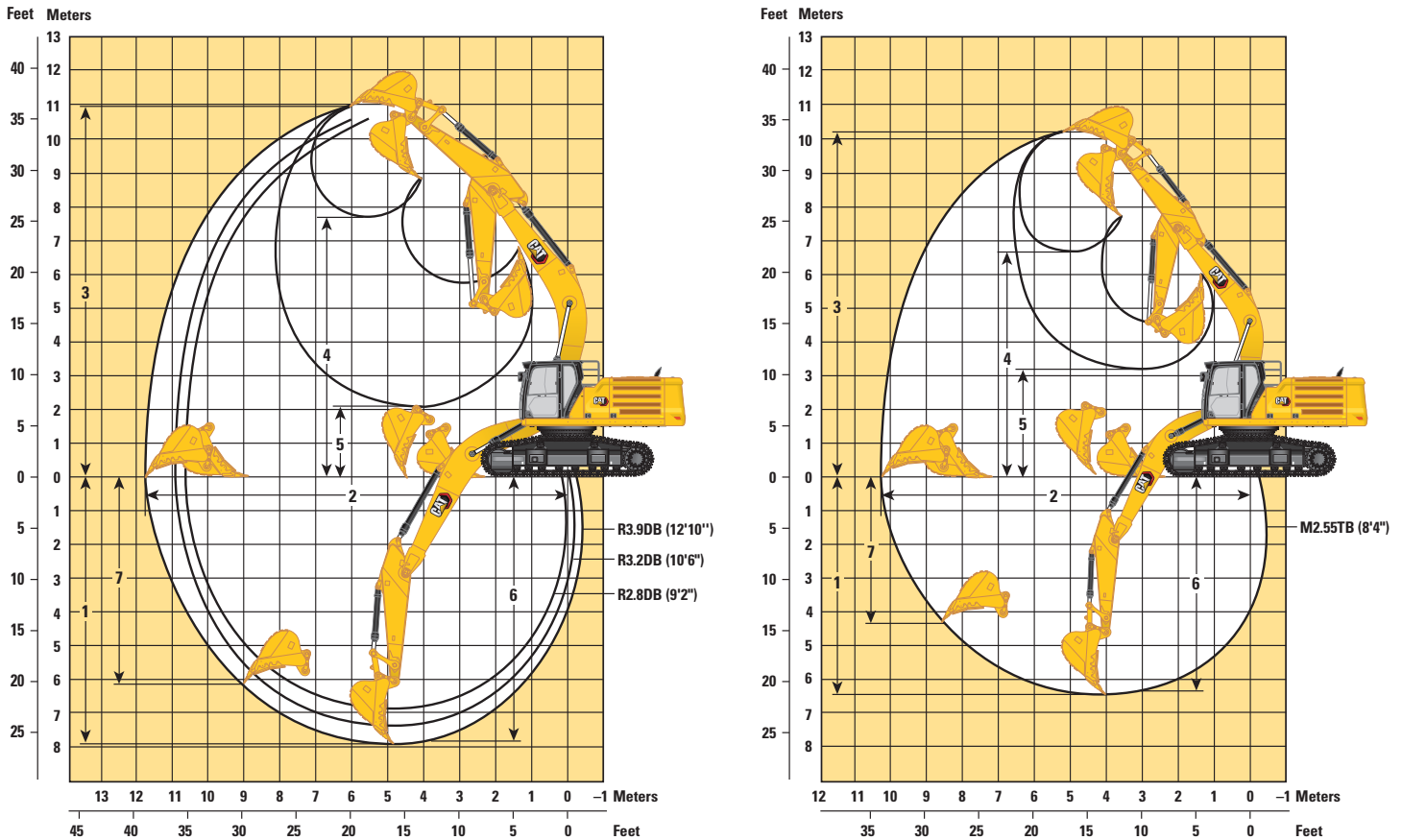


Boom Options	Reach Boom 6.5 m (21'4")				Mass Boom 6.18 m (20'3")				
	Stick Options		Reach Stick		R2.8DB (9'2")		Mass Stick M2.55TB (8'4")		
	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")				
1 Machine Height:									
Cab Height	3400 mm	11'2"	3400 mm	11'2"	3400 mm	11'2"	3400 mm	11'2"	
FOGS Height	3540 mm	11'7"	3540 mm	11'7"	3540 mm	11'7"	3540 mm	11'7"	
Handrails Height	3390 mm	11'1"	3390 mm	11'1"	3390 mm	11'1"	3390 mm	11'1"	
With Boom/Stick/Bucket Installed	3620 mm	11'11"	3470 mm	11'5"	3690 mm	12'1"	3660 mm	12'0"	
With Boom/Stick Installed	3560 mm	11'8"	3370 mm	11'1"	3610 mm	11'10"	3390 mm	11'1"	
With Boom Installed	3020 mm	9'11"	3020 mm	9'11"	3020 mm	9'11"	2980 mm	9'9"	
With Boom/Stick/Bucket Installed (with auxiliary lines)	3670 mm	12'0"	3550 mm	11'8"	3740 mm	12'3"	3660 mm	12'0"	
With Boom/Stick Installed (with auxiliary lines)	3630 mm	11'11"	3460 mm	11'4"	3670 mm	12'0"	3400 mm	11'2"	
With Boom Installed (with auxiliary lines)	3110 mm	10'2"	3110 mm	10'2"	3110 mm	10'2"	3070 mm	10'1"	
2 Machine Length:									
With Boom/Stick/Bucket Installed	11 130 mm	36'6"	11 110 mm	36'5"	11 190 mm	36'9"	10 850 mm	35'7"	
With Boom/Stick Installed	11 120 mm	36'6"	11 060 mm	36'3"	11 170 mm	36'8"	10 760 mm	35'4"	
With Boom Installed	9870 mm	32'5"	9870 mm	32'5"	9870 mm	32'5"	9550 mm	31'4"	
With Boom/Stick/Bucket Installed (with auxiliary lines)	11 130 mm	36'6"	11 110 mm	36'5"	11 190 mm	36'9"	10 850 mm	35'7"	
With Boom/Stick Installed (with auxiliary lines)	11 120 mm	36'6"	11 060 mm	36'3"	11 170 mm	36'8"	10 760 mm	35'4"	
With Boom Installed (with auxiliary lines)	9940 mm	32'7"	9940 mm	32'7"	9940 mm	32'7"	9610 mm	31'6"	
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	1470 mm	4'10"	1470 mm	4'10"	1470 mm	4'10"	1470 mm	4'10"	
6 Ground Clearance	720 mm	2'4"	720 mm	2'4"	720 mm	2'4"	720 mm	2'4"	
7 Length to Center of Rollers	4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"	
8 Track Length	5030 mm	16'6"	5030 mm	16'6"	5030 mm	16'6"	5030 mm	16'6"	
9 Track Gauge	2930 mm	9'7"	2930 mm	9'7"	2930 mm	9'7"	2930 mm	9'7"	
Track Width									
600 mm (24") Shoes	3530 mm	11'7"	3530 mm	11'7"	3530 mm	11'7"	3530 mm	11'7"	
700 mm (28") Shoes	3630 mm	11'11"	3630 mm	11'11"	3630 mm	11'11"	3630 mm	11'11"	
850 mm (33") Shoes	3780 mm	12'5"	3780 mm	12'5"	3780 mm	12'5"	3780 mm	12'5"	
10 Undercarriage Width:									
600 mm (24") Shoes	3670 mm	12'0"	3670 mm	12'0"	3670 mm	12'0"	3670 mm	12'0"	
700 mm (28") Shoes	3670 mm	12'0"	3670 mm	12'0"	3670 mm	12'0"	3670 mm	12'0"	
850 mm (33") Shoes	3780 mm	12'5"	3780 mm	12'5"	3780 mm	12'5"	3780 mm	12'5"	
Bucket Type	GDC		GDC		GDC		SDV		
Bucket Capacity	2.27 m ³	2.97 yd ³	2.27 m ³	2.97 yd ³	2.27 m ³	2.97 yd ³	2.41 m ³	3.15 yd ³	
Bucket Tip Radius	1760 mm	5'9"	1760 mm	5'9"	1760 mm	5'9"	1910 mm	6'3"	

340-07 Hydraulic Excavator Specifications

Working Ranges and Forces

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



Boom Options

Reach Boom 6.5 m (21'4")

Mass Boom 6.18 m (20'3")

Stick Options

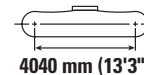
Reach Stick

Mass Stick M2.55TB (8'4")

	R3.9DB (12'10")		R3.2DB (10'6")		R2.8DB (9'2")		M2.55TB (8'4")	
1 Maximum Digging Depth	7970 mm	26'2"	7270 mm	23'10"	6870 mm	22'6"	6440 mm	21'2"
2 Maximum Reach at Ground Line	11 680 mm	38'4"	10 980 mm	36'0"	10 680 mm	35'0"	10 230 mm	33'7"
3 Maximum Cutting Height	10 970 mm	36'0"	10 550 mm	34'7"	10 610 mm	34'10"	10 200 mm	33'6"
4 Maximum Loading Height	7720 mm	25'4"	7330 mm	24'1"	7330 mm	24'1"	6830 mm	22'5"
5 Minimum Loading Height	2130 mm	7'0"	2830 mm	9'3"	3230 mm	10'7"	3140 mm	10'4"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7830 mm	25'8"	7110 mm	23'4"	6700 mm	22'0"	6260 mm	20'6"
7 Maximum Vertical Wall Digging Depth	6130 mm	20'1"	5330 mm	17'6"	5290 mm	17'4"	4250 mm	13'11"
Bucket Digging Force (ISO)	210 kN	47,210 lbf	210 kN	47,150 lbf	210 kN	47,150 lbf	265 kN	59,570 lbf
Stick Digging Force (ISO)	144 kN	32,370 lbf	166 kN	37,300 lbf	185 kN	41,490 lbf	191 kN	42,880 lbf
Bucket Digging Force (ISO) – Cat Dig Boost	228 kN	51,260 lbf	228 kN	51,200 lbf	228 kN	51,200 lbf	288 kN	64,670 lbf
Stick Digging Force (ISO) – Cat Dig Boost	156 kN	35,150 lbf	180 kN	40,500 lbf	200 kN	45,050 lbf	207 kN	46,560 lbf
Bucket Type	GDC		GDC		GDC		SDV	
Bucket Capacity	2.27 m ³	2.97 yd ³	2.27 m ³	2.97 yd ³	2.27 m ³	2.97 yd ³	2.41 m ³	3.15 yd ³
Bucket Tip Radius	1760 mm	5'9"	1760 mm	5'9"	1760 mm	5'9"	1910 mm	6'3"

340-07 Hydraulic Excavator Specifications

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



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	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	mm ft/in	
9000 mm 30'0"	kg lb									*6400 *6400			*6100 *13,500	*6100 *13,500	7560 24'10"	
7500 mm 25'0"	kg lb									*7650 *16,850	*7650 *16,850		*5700 *12,600	*5700 *12,600	8680 28'6"	
6000 mm 20'0"	kg lb									*8050 *17,550	*8050 *17,550	*7850 7150	*5550 *12,250	*5550 *12,250	9430 30'11"	
4500 mm 15'0"	kg lb							*10 000 *21,600	*10 000 *21,600	*8850 *19,200	*8850 *19,200	*8200 15,050	*5600 *12,300	*5600 *12,300	9900 32'6"	
3000 mm 10'0"	kg lb					*15 800 *33,950	*15 800 *33,950	*11 800 *25,550	*11 800 *25,550	*9850 *21,350	9000 19,350	*8700 *18,950	6850 14,700	*5800 *12,750	5700 12,550	10 120 33'2"
1500 mm 5'0"	kg lb					*18 750 *40,450	18 200 39,150	*13 450 *29,150	11 900 25,650	*10 800 *23,400	8650 18,650	9100 19,550	6650 14,300	*6150 *13,550	5600 12,350	10 110 33'2"
0 mm 0'0"	kg lb			*8850 *20,050	*8850 *20,050	*20 150 *43,600	17 600 37,800	*14 550 *31,500	11 500 24,750	*11 500 *24,850	8400 18,100	8950 19,250	6500 14,000	*6800 *14,900	5700 12,600	9880 32'5"
-1500 mm -5'0"	kg lb	*9350 *20,800	*9350 *20,800	*13 650 *30,850	*13 650 *30,850	*20 200 *43,800	17 350 37,300	*14 900 *32,300	11 300 24,300	11 500 24,750	8250 17,800	8900 19,100	6450 13,900	*7750 *17,100	6100 13,450	9400 30'10"
-3000 mm -10'0"	kg lb	*14 450 *32,300	*14 450 *32,300	*19 850 *44,850	*19 850 *44,850	*19 150 *41,500	17 400 37,400	*14 400 *31,150	11 250 24,250	8250 17,800				*9250 *20,350	6850 15,200	8630 28'4"
-4500 mm -15'0"	kg lb			*23 250 *50,050	*23 250 *50,050	*16 850 *36,200	*16 850 *36,200	*12 750 *27,300	11 400 24,600					*9400 *20,700	8450 18,900	7490 24'7"
-6000 mm -20'0"	kg lb					*12 200 *25,550	*12 200 *25,550							*9000 *20,050	*9000 *20,050	5740 18'10"



ISO 10567



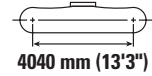
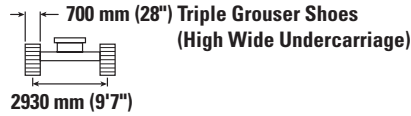
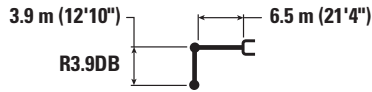
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

340-07 Hydraulic Excavator Specifications

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



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		
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
9000 mm 30'0"										*6400	*6400			*6100 *13,500	*6100 *13,500	7560 24'10"
7500 mm 25'0"										*7650 *16,850	*7650 *16,850			*5700 *12,600	*5700 *12,600	8680 28'6"
6000 mm 20'0"										*8050 *17,550	*8050 *17,550	*7850 *15,500	7000 15,000	*5550 *12,250	*5550 *12,250	9430 30'11"
4500 mm 15'0"								*10 000 *21,600	*10 000 *21,600	*8850 *19,200	*8850 *19,200	*8200 *17,900	6900 14,800	*5600 *12,300	*5600 *12,300	9900 32'6"
3000 mm 10'0"						*15 800 *33,950	*15 800 *33,950	*11 800 *25,550	*11 800 *25,550	*9850 *21,350	8800 19,000	*8700 *18,950	6700 14,400	*5800 *12,750	5600 12,300	10 120 33'2"
1500 mm 5'0"						*18 750 *40,450	17 850 38,400	*13 450 *29,150	11 700 25,150	*10 800 *23,400	8500 18,300	8900 19,150	6500 14,050	*6150 *13,550	5500 12,050	10 110 33'2"
0 mm 0'0"				*8850 *20,050	*8850 *20,050	*20 150 *43,600	17 250 37,050	*14 550 *31,500	11 250 24,250	11 450 24,600	8250 17,750	8750 18,850	6400 13,750	*6800 *14,900	5600 12,350	9880 32'5"
-1500 mm -5'0"		*9350 *20,800	*9350 *20,800	*13 650 *30,850	*13 650 *30,850	*20 200 *43,800	17 050 36,600	*14 900 *32,300	11 050 23,800	11 250 24,250	8100 17,450	8700 18,700	6300 13,600	*7750 *17,100	5950 13,150	9400 30'10"
-3000 mm -10'0"		*14 450 *32,300	*14 450 *32,300	*19 850 *44,850	*19 850 *44,850	*19 150 *41,500	17 050 36,650	*14 400 *31,150	11 050 23,750	*11 250 *24,200	8100 17,400			*9250 *20,350	6750 14,900	8630 28'4"
-4500 mm -15'0"				*23 250 *50,050	*23 250 *50,050	*16 850 *36,200	*16 850 *36,200	*12 750 *27,300	11 200 24,150					*9400 *20,700	8300 18,500	7490 24'7"
-6000 mm -20'0"						*12 200 *25,550	*12 200 *25,550							*9000 *20,050	*9000 *20,050	5740 18'10"



ISO 10567



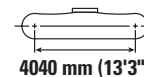
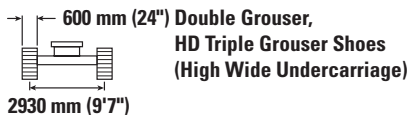
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Lift capacity stays with ±5% for all available track shoes.

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

340-07 Hydraulic Excavator Specifications

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



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									*6400	*6400			*6100 *13,500	*6100 *13,500	7560 24'10"
7500 mm 25'0"	kg lb									*7650 *16,850	*7650 *16,850			*5700 *12,600	*5700 *12,600	8680 28'6"
6000 mm 20'0"	kg lb									*8050 *17,550	*8050 *17,550	*7850 *15,500	7050 15,150	*5550 *12,250	*5550 *12,250	9430 30'11"
4500 mm 15'0"	kg lb							*10 000 *21,600	*10 000 *21,600	*8850 *19,200	*8850 *19,200	*8200 *17,900	6950 14,900	*5600 *12,300	*5600 *12,300	9900 32'6"
3000 mm 10'0"	kg lb					*15 800 *33,950	*15 800 *33,950	*11 800 *25,550	*11 800 *25,550	*9850 *21,350	8900 19,150	*8700 *18,950	6750 14,550	*5800 *12,750	5650 12,400	10 120 33'2"
1500 mm 5'0"	kg lb					*18 750 *40,450	18 000 38,750	*13 450 *29,150	11 800 25,400	*10 800 *23,400	8550 18,450	9000 19,350	6600 14,150	*6150 *13,550	5550 12,200	10 110 33'2"
0 mm 0'0"	kg lb			*8850 *20,050	*8850 *20,050	*20 150 *43,600	17 400 37,400	*14 550 *31,500	11 400 24,500	*11 500 *24,800	8300 17,900	8850 19,050	6450 13,850	*6800 *14,900	5650 12,450	9880 32'5"
-1500 mm -5'0"	kg lb	*9350 *20,800	*9350 *20,800	*13 650 *30,850	*13 650 *30,850	*20 200 *43,800	17 200 36,950	*14 900 *32,300	11 150 24,050	11 400 24,500	8200 17,600	8800 18,900	6400 13,750	*7750 *17,100	6050 13,300	9400 30'10"
-3000 mm -10'0"	kg lb	*14 450 *32,300	*14 450 *32,300	*19 850 *44,850	*19 850 *44,850	*19 150 *41,500	17 250 37,000	*14 400 *31,150	11 150 24,000	11 250 *24,200	8150 17,600			*9250 *20,350	6800 15,050	8630 28'4"
-4500 mm -15'0"	kg lb			*23 250 *50,050	*23 250 *50,050	*16 850 *36,200	*16 850 *36,200	*12 750 *27,300	11 300 24,350					*9400 *20,700	8350 18,700	7490 24'7"
-6000 mm -20'0"	kg lb					*12 200 *25,550	*12 200 *25,550							*9000 *20,050	*9000 *20,050	5740 18'10"



ISO 10567



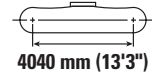
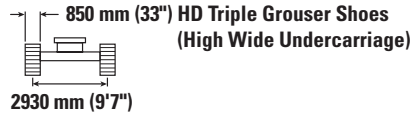
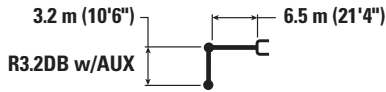
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Lift capacity stays with ±5% for all available track shoes.

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340-07 Hydraulic Excavator Specifications

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



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		
		ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	ISO 10567	
9000 mm 30'0"	kg lb											*7850	*7850	6610 21'8"
7500 mm 25'0"	kg lb							*8700 *18,600	*8700 *18,600			*7300 *16,100	*7300 *16,100	7860 25'9"
6000 mm 20'0"	kg lb							*8900 *19,500	*8900 *19,500			*7150 *15,700	*7150 *15,700	8690 28'6"
4500 mm 15'0"	kg lb			*14 000 *30,050	*14 000 *30,050	*11 100 *23,950	*11 100 *23,950	*9600 *20,900	9350 20,150	*8900 *16,450	7050 15,150	*7200 *15,850	6850 15,100	9190 30'2"
3000 mm 10'0"	kg lb			*17 550 *37,700	*17 550 *37,700	*12 800 *27,650	12 500 26,950	*10 500 *22,800	9050 19,500	*9250 *20,150	6950 14,900	*7550 *16,550	6450 14,250	9430 30'11"
1500 mm 5'0"	kg lb			*19 850 *42,900	18 250 39,250	*14 200 *30,750	12 000 25,850	*11 300 *24,550	8800 18,900	9300 20,000	6800 14,600	*8100 *17,800	6350 14,000	9420 30'11"
0 mm 0'0"	kg lb			*20 500 *44,400	17 850 38,400	*14 950 *32,400	11 700 25,200	*11 800 *25,550	8600 18,500	9200 19,800	6700 14,400	8950 19,700	6550 14,400	9170 30'1"
-1500 mm -5'0"	kg lb	*15 200 *34,250	*15 200 *34,250	*19 900 *43,200	17 800 38,250	*14 950 *32,350	11 550 24,900	*11 750 *25,350	8500 18,300			9700 21,400	7050 15,550	8650 28'5"
-3000 mm -10'0"	kg lb	*23 600 *53,400	*23 600 *53,400	*18 300 *39,600	17 950 38,550	*13 950 *30,150	11 650 25,050	*10 750 *22,900	8550 18,500			*10 050 *22,200	8150 18,050	7810 25'7"
-4500 mm -15'0"	kg lb	*20 050 *43,100	*20 050 *43,100	*15 150 *32,500	*15 150 *32,500	*11 400 *24,100	*11 400 *24,100					*10 050 *22,100	*10 050 *22,100	6520 21'5"



ISO 10567



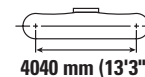
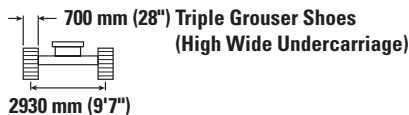
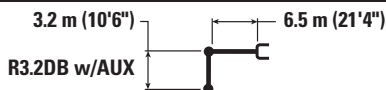
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Lift capacity stays with ±5% for all available track shoes.

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340-07 Hydraulic Excavator Specifications

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



		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											*7850	*7850	6610 21'8"
7500 mm 25'0"	kg lb							*8700 *18,600	*8700 *18,600			*7300 *16,100	*7300 *16,100	7860 25'9"
6000 mm 20'0"	kg lb							*8900 *19,500	*8900 *19,500			*7150 *15,700	*7150 *15,700	8690 28'6"
4500 mm 15'0"	kg lb			*14 000 *30,050	*14 000 *30,050	*11 100 *23,950	*11 100 *23,950	*9600 *20,900	9100 19,650	*8900 *16,450	6850 14,750	*7200 *15,850	6650 14,700	9190 30'2"
3000 mm 10'0"	kg lb			*17 550 *37,700	*17 550 *37,700	*12 800 *27,650	12 200 26,250	*10 500 *22,800	8800 19,000	9150 19,700	6750 14,500	*7550 *16,550	6300 13,800	9430 30'11"
1500 mm 5'0"	kg lb			*19 850 *42,900	17 750 38,150	*14 200 *30,750	11 700 25,150	*11 300 *24,550	8550 18,400	9000 19,400	6600 14,200	*8100 *17,800	6200 13,600	9420 30'11"
0 mm 0'0"	kg lb			*20 500 *44,400	17 350 37,350	*14 950 *32,400	11 350 24,450	11 550 24,900	8350 17,950	8900 19,200	6500 14,000	8700 19,150	6350 13,950	9170 30'1"
-1500 mm -5'0"	kg lb	*15 200 *34,250	*15 200 *34,250	*19 900 *43,200	17 300 37,200	*14 950 *32,350	11 250 24,200	11 500 24,700	8250 17,800			9400 20,750	6850 15,100	8650 28'5"
-3000 mm -10'0"	kg lb	*23 600 *53,400	*23 600 *53,400	*18 300 *39,600	17 450 37,500	*13 950 *30,150	11 300 24,350	*10 750 *22,900	8300 17,950			*10 050 *22,200	7900 17,550	7810 25'7"
-4500 mm -15'0"	kg lb	*20 050 *43,100	*20 050 *43,100	*15 150 *32,500	*15 150 *32,500	*11 400 *24,100	*11 400 *24,100					*10 050 *22,100	*10 050 *22,100	6520 21'5"



ISO 10567



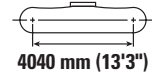
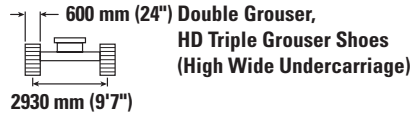
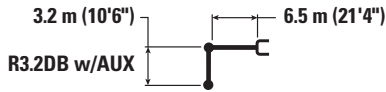
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Lift capacity stays with ±5% for all available track shoes.

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340-07 Hydraulic Excavator Specifications

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



		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											*7850	*7850	6610 21'8"
7500 mm 25'0"	kg lb							*8700 *18,600	*8700 *18,600			*7300 *16,100	*7300 *16,100	7860 25'9"
6000 mm 20'0"	kg lb							*8900 *19,500	*8900 *19,500			*7150 *15,700	*7150 *15,700	8690 28'6"
4500 mm 15'0"	kg lb			*14 000 *30,050	*14 000 *30,050	*11 100 *23,950	*11 100 *23,950	*9600 *20,900	9200 19,800	*8900 *16,450	6950 14,900	*7200 *15,850	6700 14,800	9190 30'2"
3000 mm 10'0"	kg lb			*17 550 *37,700	*17 550 *37,700	*12 800 *27,650	12 300 26,500	*10 500 *22,800	8900 19,150	*9250 19,900	6800 14,600	*7550 *16,550	6350 13,950	9430 30'11"
1500 mm 5'0"	kg lb			*19 850 *42,900	17 900 38,500	*14 200 *30,750	11 800 25,400	*11 300 *24,550	8600 18,550	9100 19,600	6650 14,350	*8100 *17,800	6250 13,700	9420 30'11"
0 mm 0'0"	kg lb			*20 500 *44,400	17 550 37,700	*14 950 *32,400	11 450 24,700	11 700 25,150	8400 18,150	9000 19,400	6550 14,150	8800 19,350	6400 14,100	9170 30'1"
-1500 mm -5'0"	kg lb	*15 200 *34,250	*15 200 *34,250	*19 900 *43,200	17 450 37,550	*14 950 *32,350	11 350 24,450	11 600 24,950	8350 17,950			9500 20,950	6900 15,250	8650 28'5"
-3000 mm -10'0"	kg lb	*23 600 *53,400	*23 600 *53,400	*18 300 *39,600	17 600 37,850	*13 950 *30,150	11 400 24,550	*10 750 *22,900	8400 18,150			*10 050 *22,200	8000 17,700	7810 25'7"
-4500 mm -15'0"	kg lb	*20 050 *43,100	*20 050 *43,100	*15 150 *32,500	*15 150 *32,500	*11 400 *24,100	*11 400 *24,100					*10 050 *22,100	*10 050 *22,100	6520 21'5"



ISO 10567



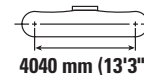
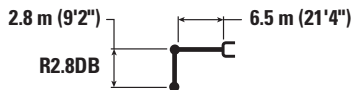
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Lift capacity stays with ±5% for all available track shoes.

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

340-07 Hydraulic Excavator Specifications

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



		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											*9850	*9850	6170 20'3"
7500 mm 25'0"	kg lb											*9200 *20,400	*9200 *20,400	7500 24'7"
6000 mm 20'0"	kg lb					*10 250 *22,200	*10 250 *22,200	*9400 *20,600	*9400 20,550			*8900 *19,650	8000 17,800	8360 27'5"
4500 mm 15'0"	kg lb			*15 050 *32,300	*15 050 *32,300	*11 700 *25,250	*11 700 *25,250	*10 050 *21,850	9300 20,050			*8950 *19,750	7200 15,900	8880 29'2"
3000 mm 10'0"	kg lb			*18 550 *39,800	*18 550 *39,800	*13 300 *28,750	12 450 26,800	*10 850 *23,600	9050 19,450	9450	6950	9250 20,350	6800 14,950	9130 29'11"
1500 mm 5'0"	kg lb			*16 750 *40,450	*16 750 39,050	*14 600 *31,550	12 000 25,800	*11 600 *25,100	8800 18,950	9300	6800	9150 20,100	6700 14,700	9120 29'11"
0 mm 0'0"	kg lb			*20 500 *44,450	17 900 38,500	*15 150 *32,750	11 700 25,250	*11 950 25,700	8600 18,550			9450 20,800	6900 15,200	8860 29'1"
-1500 mm -5'0"	kg lb	*14 600 *33,150	*14 600 *33,150	*19 600 *42,500	17 950 38,500	*14 850 *32,200	11 650 25,100	*11 650 *25,200	8550 18,500			*10 150 *22,350	7500 16,550	8320 27'4"
-3000 mm -10'0"	kg lb	*23 150 *50,250	*23 150 *50,250	*17 650 *38,150	*17 650 *38,150	*13 550 *29,250	11 750 25,300					*10 250 *22,550	8800 19,500	7440 24'5"
-4500 mm -15'0"	kg lb			*13 950 *29,800	*13 950 *29,800	*10 100	*10 100					*9900 *21,650	*9900 *21,650	6070 19'11"



ISO 10567



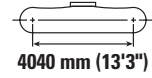
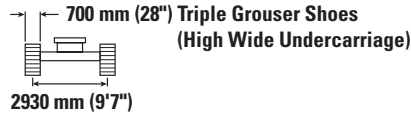
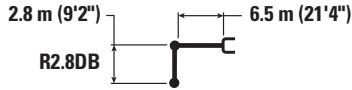
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Lift capacity stays with ±5% for all available track shoes.

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340-07 Hydraulic Excavator Specifications

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



	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		
9000 mm 30'0"												*9850	*9850	6170 20'3"
7500 mm 25'0"												*9200	*9200	7500 24'7"
6000 mm 20'0"					*10 250 *22,200	*10 250 *22,200	*9400 20,000	9300				*20,400	*20,400	8360 27'5"
4500 mm 15'0"			*15 050 *32,300	*15 050 *32,300	*11 700 *25,250	*11 700 *25,250	*10 050 *21,850	9100 19,550				*8950	*8950	7000 22'2"
3000 mm 10'0"			*18 550 *39,800	18 400 39,650	*13 300 *28,750	12 100 26,100	*10 850 *23,600	8800 18,950	9150	6750		8950	6600	9130 29'11"
1500 mm 5'0"			*16 750 *40,450	*16 750 *37,950	*14 600 *31,550	11 650 25,100	*11 600 *25,100	8550 18,400	9050	6600		8850	6500	9120 29'11"
0 mm 0'0"			*20 500 *44,450	17 400 37,400	*15 150 *32,750	11 400 24,550	11 600 25,000	8350 18,050				9150	6700	8860 29'1"
-1500 mm -5'0"		*14 600 *33,150	*14 600 *33,150	*19 600 *42,500	17 450 37,450	*14 850 *32,200	11 300 24,350	11 550 24,900	8350 17,950			10 000	7300	8320 27'4"
-3000 mm -10'0"		*23 150 *50,250	*23 150 *50,250	*17 650 *38,150	17 600 37,850	*13 550 *29,250	11 400 24,600					*10 250	8550	7440 24'5"
-4500 mm -15'0"				*13 950 *29,800	*13 950 *29,800	*10 100	*10 100					*9900	*9900	6070 19'11"



ISO 10567



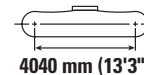
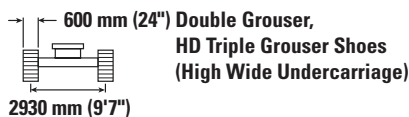
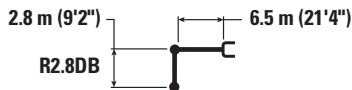
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Lift capacity stays with ±5% for all available track shoes.

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340-07 Hydraulic Excavator Specifications

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



		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											*9850	*9850	6170 20'3"
7500 mm 25'0"	kg lb											*9200 *20,400	*9200 *20,400	7500 24'7"
6000 mm 20'0"	kg lb					*10 250 *22,200	*10 250 *22,200	*9400 20,600	9400 20,200			*8900 *19,650	7850 17,500	8360 27'5"
4500 mm 15'0"	kg lb			*15 050 *32,300	*15 050 *32,300	*11 700 *25,250	*11 700 *25,250	*10 050 *21,850	9150 19,700			*8950 *19,750	7050 15,600	8880 29'2"
3000 mm 10'0"	kg lb			*18 550 *39,800	*18 550 *39,800	*13 300 *28,750	12 200 26,300	*10 850 *23,600	8850 19,100	9250 6800		9050 19,950	6650 14,650	9130 29'11"
1500 mm 5'0"	kg lb			*16 750 *40,450	*16 750 *38,300	*14 600 *31,550	11 750 25,350	*11 600 *25,100	8600 18,550	9150 6700		8950 19,700	6550 14,450	9120 29'11"
0 mm 0'0"	kg lb			*20 500 *44,450	17 600 37,750	*15 150 *32,750	11 500 24,750	11 700 25,200	8450 18,200			9250 20,400	6750 14,900	8860 29'1"
-1500 mm -5'0"	kg lb	*14 600 *33,150	*14 600 *33,150	*19 600 *42,500	17 600 37,800	*14 850 *32,200	11 400 24,600	*11 650 *25,100	8400 18,100			10 100 22,300	7350 16,200	8320 27'4"
-3000 mm -10'0"	kg lb	*23 150 *50,250	*23 150 *50,250	*17 650 *38,150	*17 650 *38,150	*13 550 *29,250	11 500 24,850					*10 250 *22,550	8650 19,150	7440 24'5"
-4500 mm -15'0"	kg lb			*13 950 *29,800	*13 950 *29,800	*10 100	*10 100					*9900 *21,650	*9900 *21,650	6070 19'11"



ISO 10567



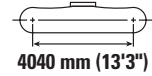
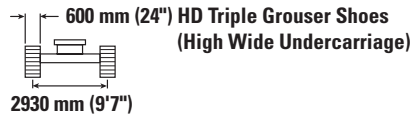
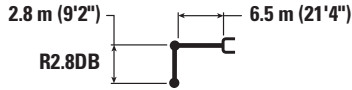
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

340-07 Hydraulic Excavator Specifications

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



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		
9000 mm 30'0"	kg lb											*9850	*9850	6170 20'3"
7500 mm 25'0"	kg lb											*8900	*9200	7850 24'7"
6000 mm 20'0"	kg lb					*10 250 *22,200	*10 250 *22,200	*9400 20,600	9350 20,150			*8900	*20,400	7850 27'5"
4500 mm 15'0"	kg lb			*15 050 *32,300	*15 050 *32,300	*11 700 *25,250	*11 700 *25,250	*10 050 *21,850	9150 19,650			*8950	*19,750	7050 15,550
3000 mm 10'0"	kg lb			*18 550 *39,800	18 500 *39,800	*13 300 *28,750	12 200 26,250	*10 850 *23,600	8850 19,050	9250	6800	9050	6650	9130 29'11"
1500 mm 5'0"	kg lb			*16 750 *40,450	*16 750 38,250	*14 600 *31,550	11 750 25,250	*11 600 *25,100	8600 18,550	9100	6650	8950	6550	9120 29'11"
0 mm 0'0"	kg lb			*20 500 *44,450	17 550 37,700	*15 150 *32,750	11 450 24,700	11 700 25,150	8450 18,150			9250	6750	8860 29'1"
-1500 mm -5'0"	kg lb	*14 600 *33,150	*14 600 *33,150	*19 600 *42,500	17 550 37,700	*14 850 *32,200	11 400 24,550	11 650 25,050	8400 18,100			10 100	7350	8320 27'4"
-3000 mm -10'0"	kg lb	*23 150 *50,250	*23 150 *50,250	*17 650 *38,150	*17 650 38,150	*13 550 *29,250	11 500 24,750					*10 250	8600	7440 24'5"
-4500 mm -15'0"	kg lb			*13 950 *29,800	*13 950 *29,800	*10 100	*10 100					*9900	*9900	6070 19'11"



ISO 10567



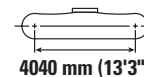
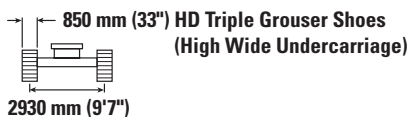
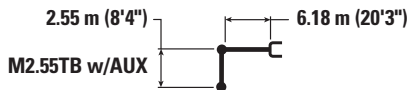
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

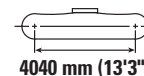
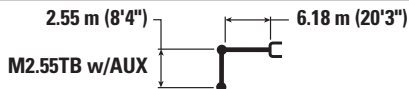
340-07 Hydraulic Excavator Specifications












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



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					*10 050 *22,100	*10 050 *22,100			*8850 *19,600	*8850 *19,600	6770 22'3"
6000 mm 20'0"	kg lb					*10 550 *22,950	*10 550 *22,950	*9850 *20,050	9200 19,750	*8500 *18,750	*8500 *18,750	7710 25'4"
4500 mm 15'0"	kg lb			*15 100 *32,400	*15 100 *32,400	*11 800 *25,550	*11 800 *25,550	*10 200 *22,250	9000 19,400	*8550 *18,800	7700 17,050	8280 27'2"
3000 mm 10'0"	kg lb			*18 250 *39,250	*18 250 *39,250	*13 250 *28,650	12 100 26,150	*10 900 *23,650	8750 18,800	*8950 *19,600	7200 15,850	8540 28'0"
1500 mm 5'0"	kg lb			*19 950 *43,150	17 750 38,200	*14 350 *31,100	11 650 25,100	*11 450 *24,800	8500 18,300	*9700 *21,300	7050 15,550	8530 28'0"
0 mm 0'0"	kg lb			*19 950 *43,250	17 500 37,600	*14 750 *31,950	11 400 24,500	*11 600 *25,050	8350 17,950	10 200 22,450	7350 16,150	8250 27'1"
-1500 mm -5'0"	kg lb	*19 500 *44,200	*19 500 *44,200	*18 750 *40,700	17 550 37,700	*14 200 *30,750	11 350 24,450	*10 900 *23,300	8350 18,000	*10 500 *23,150	8100 17,900	7670 25'2"
-3000 mm -10'0"	kg lb	*21 050 *45,700	*21 050 *45,700	*16 250 *35,150	*16 250 *35,150	*12 300 *26,350	11 550 24,850			*10 450 *23,000	9950 22,050	6700 22'0"

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



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					*10 050 *22,100	*10 050 *22,100			*8850 *19,600	*8850 *19,600	6770 22'3"
6000 mm 20'0"	kg lb					*10 550 *22,950	*10 550 *22,950	*9850 *20,050	8950 19,200	*8500 *18,750	*8500 *18,750	7710 25'4"
4500 mm 15'0"	kg lb			*15 100 *32,400	*15 100 *32,400	*11 800 *25,550	*11 800 *25,550	*10 200 *22,250	8800 18,850	*8550 *18,800	7500 16,550	8280 27'2"
3000 mm 10'0"	kg lb			*18 250 *39,250	18 050 38,950	*13 250 *28,650	11 800 25,400	*10 900 *23,650	8500 18,300	*8950 *19,600	7000 15,400	8540 28'0"
1500 mm 5'0"	kg lb			*19 950 *43,150	17 250 37,100	*14 350 *31,100	11 300 24,400	*11 450 *24,750	8250 17,750	9500 20,950	6850 15,100	8530 28'0"
0 mm 0'0"	kg lb			*19 950 *43,250	17 000 36,550	*14 750 *31,950	11 050 23,800	11 350 24,400	8100 17,450	9900 21,800	7100 15,650	8250 27'1"
-1500 mm -5'0"	kg lb	*19 500 *44,200	*19 500 *44,200	*18 750 *40,700	17 050 36,600	*14 200 *30,750	11 000 23,700	*10 900 *23,300	8100 17,500	*10 500 *23,150	7900 17,400	7670 25'2"
-3000 mm -10'0"	kg lb	*21 050 *45,700	*21 050 *45,700	*16 250 *35,150	*16 250 *35,150	*12 300 *26,350	11 200 24,150			*10 450 *23,000	9650 21,450	6700 22'0"



ISO 10567



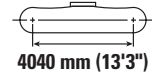
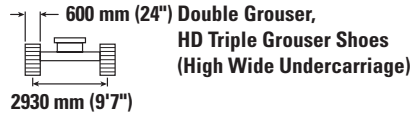
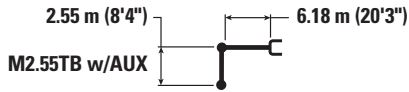
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

340-07 Hydraulic Excavator Specifications

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



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					*10 050 *22,100	*10 050 *22,100			*8850 *19,600	*8850 *19,600	6770 22'3"
6000 mm 20'0"	kg lb					*10 550 *22,950	*10 550 *22,950	*9850 *20,050	9050 19,400	*8500 *18,750	*8500 *18,750	7710 25'4"
4500 mm 15'0"	kg lb			*15 100 *32,400	*15 100 *32,400	*11 800 *25,550	*11 800 *25,550	*10 200 *22,250	8850 19,050	*8550 *18,800	7550 16,700	8280 27'2"
3000 mm 10'0"	kg lb			*18 250 *39,250	18 200 *39,250	*13 250 *28,650	11 900 25,650	*10 900 *23,650	8600 18,450	*8950 *19,600	7050 15,550	8540 28'0"
1500 mm 5'0"	kg lb			*19 950 *43,150	17 400 37,450	*14 350 *31,100	11 450 24,600	*11 450 *24,800	8350 17,950	9600 21,150	6950 15,250	8530 28'0"
0 mm 0'0"	kg lb			*19 950 *43,250	17 150 36,900	*14 750 *31,950	11 150 24,050	11 450 24,650	8200 17,600	10 000 22,000	7200 15,800	8250 27'1"
-1500 mm -5'0"	kg lb	*19 500 *44,200	*19 500 *44,200	*18 750 *40,700	17 200 36,950	*14 200 *30,750	11 100 23,950	*10 900 *23,300	8200 17,650	*10 500 *23,150	7950 17,550	7670 25'2"
-3000 mm -10'0"	kg lb	*21 050 *45,700	*21 050 *45,700	*16 250 *35,150	*16 250 *35,150	*12 300 *26,350	11 300 24,350			*10 450 *23,000	9750 21,650	6700 22'0"



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* 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.

340-07 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Reach/Mass

		Undercarriage Counterweight							HD High Wide 7.5 mt (16,700 lb)			
	Linkage	Width		Capacity		Weight		Fill	Reach			Mass
		mm	in	m ³	yd ³	kg	lb	%	R3.2 (10'6")	R2.8 (9'2")	R3.9 (12'10")	M2.55 (8'4")
Pin-On (No Quick Coupler)												
General Duty	DB	1350	53	1.64	2.14	1181	2,604	100	●	●	●	
	DB	1500	60	1.88	2.44	1286	2,834	100	●	●	●	
	DB	1650	65	2.12	2.77	1361	3,000	100	●	●	●	
	DB	1800	71	2.36	3.09	1465	3,231	100	●	●	●	
General Duty – UK	DB	1650	65	2.12	2.77	1348	2,971	100	●	●	●	
Heavy Duty	DB	1350	54	1.64	2.14	1450	3,196	100	●	●	●	
	DB	1500	60	1.88	2.46	1545	3,408	100	●	●	●	
	DB	1650	66	2.12	2.77	1677	3,697	100	●	●	●	
	DB	1800	72	2.36	3.08	1774	3,911	100	●	●	⊙	
Severe Duty	DB	1650	66	2.15	2.81	1802	3,972	90	●	●	●	
Heavy Duty	TB	1650	66	2.41	3.15	2220	4,894	100				●
Severe Duty	TB	1350	54	1.87	2.44	2053	4,526	90				●
	TB	1650	66	2.41	3.16	2367	5,218	90				●
								kg	6875	7255	6310	7815
								lb	15,157	15,995	13,911	17,229
With Cat Pin Grabber Coupler												
General Duty	DB	1350	53	1.64	2.14	1181	2,604	100	●	●	●	
	DB	1500	60	1.88	2.44	1286	2,834	100	●	●	●	
	DB	1650	65	2.12	2.77	1361	3,000	100	●	●	●	
	DB	1800	71	2.36	3.09	1465	3,231	100	●	●	⊙	
General Duty – UK	DB	1650	65	2.12	2.77	1348	2,971	100	●	●	●	
Heavy Duty	DB	1350	54	1.64	2.14	1450	3,196	100	●	●	●	
	DB	1500	60	1.88	2.46	1545	3,408	100	●	●	●	
	DB	1650	66	2.12	2.77	1677	3,697	100	●	●	⊙	
	DB	1800	72	2.36	3.08	1774	3,911	100	⊙	●	⊖	
Severe Duty	DB	1650	66	2.15	2.81	1802	3,972	90	●	●	⊙	
Heavy Duty	TB	1650	66	2.41	3.15	2220	4,894	100				⊙
Severe Duty	TB	1350	54	1.87	2.44	2053	4,526	90				●
	TB	1650	66	2.41	3.16	2367	5,218	90				●
								kg	6180	6559	5612	6762
								lb	13,625	14,461	12,373	14,907

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)

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

(continued on next page)

340-07 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Reach/Mass (continued)

		Undercarriage Counterweight							HD High Wide 7.5 mt (16,700 lb)			
	Linkage	Width		Capacity		Weight		Fill	Reach			Mass
		mm	in	m ³	yd ³	kg	lb	%	R3.2 (10'6")	R2.8 (9'2")	R3.9 (12'10")	M2.55 (8'4")
With CW Quick Coupler												
General Duty	DB	1500	59	1.88	2.46	1256	2,768	100	●	●	●	
	DB	1650	65	2.12	2.77	1334	2,940	100	●	●	●	
Heavy Duty	DB	1350	54	1.64	2.14	1419	3,128	100	●	●	●	
	DB	1500	60	1.88	2.46	1516	3,342	100	●	●	●	
	DB	1650	65	2.12	2.77	1650	3,637	100	●	●	⊙	
Severe Duty	DB	1650	66	2.15	2.81	1775	3,913	90	●	●	●	
Ditch Cleaning	DB	2200	87	2.40	3.14	1346	2,967	100	●	●	⊙	
	DB	1800	72	1.96	2.56	1163	2,564	100	●	●	●	
	DB	2000	79	2.18	2.85	1250	2,756	100	●	●	●	
	DB	1650	66	2.41	3.15	2120	4,673	100	⊙	⊙	⊖	
Heavy Duty	TB	1650	66	2.41	3.15	2267	4,998	100				●
Maximum load with coupler (payload + bucket)								kg	6403	6782	5835	7320
								lb	14,116	14,952	12,864	16,138
With CWS Quick Coupler												
General Duty	DB	1200	47	1.40	1.84	1072	2,364	100	●	●	●	
	DB	1650	65	2.12	2.77	1285	2,948	100	●	●	●	
	DB	1800	71	2.36	3.09	1456	3,210	100	●	●	⊙	
Heavy Duty	DB	1500	60	1.88	2.46	1517	3,344	100	●	●	●	
	DB	1650	66	2.12	2.77	1651	3,640	100	●	●	⊙	
Severe Duty	DB	1650	66	2.15	2.81	1776	3,915	90	●	●	●	
Ditch Cleaning	DB	2400	94	2.04	2.67	1266	2,791	100	●	●	●	
	DB	2200	87	2.40	3.14	1347	2,970	100	●	●	⊙	
Heavy Duty	TB	1650	66	2.41	3.15	2122	4,678	100				●
Severe Duty	TB	1350	54	1.87	2.44	1954	4,308	90				●
	TB	1650	66	2.41	3.15	2269	5,002	90				●
Maximum load with coupler (payload + bucket)								kg	6433	6812	5865	7323
								lb	14,182	15,018	12,930	16,144

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)

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.

340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass

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

Match

No Match

PIN-ON ATTACHMENTS

Undercarriage		HD High Wide			
		7.5 mt (16,700 lb)			
Counterweight		Reach			ME
		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")	2.55 m (8'4")
Boom Type					
Stick Length		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")	2.55 m (8'4")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC S	✓	✓	✓	✓
	H180 S	✓	✓	✓	✓
Multi-Processors	MP332 Concrete Cutter Jaw	✓	✓	✓	✓
	MP332 Demolition Jaw	✓	✓	✓	✓
	MP332 Pulverizer Jaw	✓	✓	✓	✓
	MP332 Shear Jaw	✓	✓	✓	✓
	MP332 Tank Shear Jaw	✓	✓	✓	✓
	MP332 Universal Jaw	✓	✓	✓	✓
	MP345 Concrete Cutter Jaw				✓
	MP345 Demolition Jaw				✓
	MP345 Pulverizer Jaw				✓
	MP345 Shear Jaw				✓
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035			✓	
	S3035 Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓	✓	✓
	P332 Primary Pulverizer	✓	✓	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass (continued)

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

No Match

1800 kg/m³ (3,000 lb/yd³)

1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS (continued)

Undercarriage		HD High Wide		
		7.5 mt (16,700 lb)		
Counterweight		Reach		ME
		2.8 m (9'2")	3.2 m (10'6")	
Boom Type				
Stick Length		2.8 m (9'2")	3.2 m (10'6")	2.55 m (8'4")
Orange Peel Grapples	GSH440-1150	●	●	●
	GSH440-1550	●	●	●
	GSH455-1000	●	●	●
	GSH455-1500	●	●	●
	GSH455-2000	●	○	○
	GSH555-1000	●	●	●
	GSH555-1500	●	●	○
	GSM-50-1250	●	●	○
	GSM-50-1500	●	●	○
	GSM-50-2000	○	○	○
Clamshell Grapples	CTV20-1300	●	●	●
	CTV20-1500	●	●	●
	CTV20-1700	●	●	●
	CTV20-1900	●	●	●
	CTV20-2300	○	○	○
	CTV20-2700	○	○	○
	CTV30-1700	●	●	○
	CTV30-1900	●	●	○
	CTV30-2300	○	○	○
	CTV30-2700	○	○	○
	CTV30-2900	○		○
	CTV30-3100			○

(continued on next page)

340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass *(continued)*

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

Match Allowed usage on machine less than 50% No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		HD High Wide			
		7.5 mt (16,700 lb)			
Counterweight		Reach			ME
		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")	2.55 m (8'4")
Boom Type					
Stick Length		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")	2.55 m (8'4")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC S	✓†	✓†		✓†
	H180 S	✓†	✓†		✓†
Multi-Processors	MP332 Concrete Cutter Jaw	✓	✓	✓	✓
	MP332 Demolition Jaw	✓	✓	✓	✓
	MP332 Pulverizer Jaw	✓	✓	✓	✓
	MP332 Shear Jaw	✓	✓	✓	✓
	MP332 Tank Shear Jaw	✓	✓		✓
	MP332 Universal Jaw	✓	✓	✓	✓
	MP345 Concrete Cutter Jaw				✓
	MP345 Demolition Jaw				✓
	MP345 Shear Jaw				✓
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓		✓
Mobile Scrap and Demolition Shears	S3035			✓	
	S3035 Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓		✓
	P332 Primary Pulverizer	✓	✓	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓		✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass *(continued)*

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

Match
 † Allowed usage on machine less than 50%
 No Match

CW-45S DEDICATED COUPLER ATTACHMENTS

Undercarriage		HD High Wide			
Counterweight		7.5 mt (16,700 lb)			
Boom Type		Reach			ME
Stick Length		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")	2.55 m (8'4")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC S	✓†	✓†		✓†
	H180 S	✓†	✓†		✓†
Multi-Processors	MP332 Concrete Cutter Jaw	✓	✓	✓	✓
	MP332 Demolition Jaw	✓	✓	✓	✓
	MP332 Pulverizer Jaw	✓	✓	✓	✓
	MP332 Shear Jaw	✓	✓	✓	✓
	MP332 Tank Shear Jaw	✓	✓		✓
	MP332 Universal Jaw	✓	✓	✓	✓
	MP345 Concrete Cutter Jaw				✓
	MP345 Demolition Jaw				✓
	MP345 Pulverizer Jaw				✓
	MP345 Shear Jaw				✓
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035			✓	
	S3035 Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓		✓
	P332 Primary Pulverizer	✓	✓	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass *(continued)*

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

Match Allowed usage on machine less than 50% No Match

CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		HD High Wide			
Counterweight		7.5 mt (16,700 lb)			
Boom Type		Reach			ME
Stick Length		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")	2.55 m (8'4")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC S	✓†	✓†		✓†
	H180 S	✓†	✓†		✓†
Multi-Processors	MP332 Concrete Cutter Jaw	✓	✓	✓	✓
	MP332 Demolition Jaw	✓	✓	✓	✓
	MP332 Pulverizer Jaw	✓	✓	✓	✓
	MP332 Shear Jaw	✓	✓	✓	✓
	MP332 Tank Shear Jaw	✓	✓		✓
	MP332 Universal Jaw	✓	✓	✓	✓
	MP345 Concrete Cutter Jaw				✓
	MP345 Demolition Jaw				✓
	MP345 Pulverizer Jaw				✓
MP345 Shear Jaw				✓	
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035			✓	
	S3035 Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓		✓
	P332 Primary Pulverizer	✓	✓	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓		✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass *(continued)*

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

Match
 † Allowed usage on machine less than 50%
 No Match

S80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		HD High Wide		
Counterweight		7.5 mt (16,700 lb)		
Boom Type		Reach		
Stick Length		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")
Hydraulic Hammers	H140 GC S	✓	✓	✓
	H140 S	✓	✓	✓
	H160 GC S	✓	✓	✓
	H160 S	✓	✓	✓
	H180 S	✓†	✓†	
Multi-Processors	MP332 Concrete Cutter Jaw-Flat Top	✓	✓	✓
	MP332 Demolition Jaw-Flat Top	✓	✓	✓
	MP332 Pulverizer Jaw-Flat Top	✓	✓	
	MP332 Shear Jaw-Flat Top	✓	✓	✓
	MP332 Tank Shear Jaw-Flat Top	✓	✓	
	MP332 Universal Jaw-Flat Top	✓	✓	
Demolition and Sorting Grapples	G332	✓	✓	✓
	G345	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓
Pulverizers	P232 Secondary Pulverizer	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓

(continued on next page)

340-07 Hydraulic Excavator Specifications

Attachments Offering Guide – Reach/Mass *(continued)*

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

Match Allowed usage on machine less than 50% No Match

HCS80 COUPLER ATTACHMENTS

Undercarriage		HD High Wide		
Counterweight		7.5 mt (16,700 lb)		
Boom Type		Reach		
Stick Length		2.8 m (9'2")	3.2 m (10'6")	3.9 m (12'10")
Hydraulic Hammers	H140 S	✓	✓	✓
	H160 S	✓	✓	✓
	H180 S	✓†	✓†	
Multi-Processors	MP332 Concrete Cutter Jaw-Flat Top	✓	✓	✓
	MP332 Demolition Jaw-Flat Top	✓	✓	
	MP332 Pulverizer Jaw-Flat Top	✓	✓	
	MP332 Shear Jaw-Flat Top	✓	✓	✓
	MP332 Tank Shear Jaw-Flat Top	✓	✓	
	MP332 Universal Jaw-Flat Top	✓	✓	
Demolition and Sorting Grapples	G332	✓	✓	✓
	G345	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓
Pulverizers	P232 Secondary Pulverizer	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓

BOOM-MOUNT ATTACHMENTS

Undercarriage		HD High Wide	
Counterweight		7.5 mt (16,700 lb)	
Boom Type		Reach	ME
Mobile Scrap and Demolition Shears	S2070	✓	✓
	S2090	✓	✓
	S3050 Flat Top	✓	
	S3070 Flat Top	✓	

340-07 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 AND STICKS			ELECTRICAL SYSTEM		
6.5 m (21'4") Reach boom		✓	Maintenance-free 1,000 CCA batteries (×2)	✓	
6.18 m (20'3") Mass boom		✓	Centralized electrical disconnect switch	✓	
2.55 m (8'4") stick		✓	LED chassis light	✓	
2.8 m (9'2") stick		✓	Premium surround lighting package		✓
3.2 m (10'6") stick		✓	ENGINE		
3.9 m (12'10") stick		✓	Cold start block heater		✓
CAT TECHNOLOGY*			Automatic engine speed control	✓	
Cat Product Link™	✓		Up to 3300 m (10,830 ft) altitude capability	✓	
Remote flash	✓		52° C (125° F) high-ambient cooling capacity	✓	
Remote troubleshoot	✓		Hydraulic Reversing fan		✓
Work tool recognition	✓		-18° C (0° F) cold start capability	✓	
Work tool tracking*	✓		-32° C (-25° F) cold start capability		✓
Laser catcher		✓	Double element air filter with integrated precleaner	✓	
Cat Grade with 2D and offset memory	✓		HYDRAULIC SYSTEM		
Cat Grade with Advanced 2D		✓	SmartBoom™		✓
Cat Grade connectivity:		✓	Boom and stick regeneration circuit	✓	
– Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓		Electronic main control valve	✓	
– Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓		Auto dig boost	✓	
Cat Grade with 3D single GNSS		✓	Auto heavy lift	✓	
Cat Grade with 3D dual GNSS		✓	Automatic hydraulic oil warmup	✓	
Cat Assist:	✓		Reverse swing damping valve	✓	
– Grade Assist			Automatic swing parking brake	✓	
– Boom Assist			High performance hydraulic return filter	✓	
– Bucket Assist			Two speed travel	✓	
– Swing Assist			Bio hydraulic oil capability	✓	
– Lift Assist			Combined two-way auxiliary circuit with direct return		✓
Cat Payload:	✓		Medium-pressure auxiliary circuit		✓
– Static weigh			Cooling circuit		✓
– Semiauto calibration			Quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓
– Payload/cycle information					
– USB reporting capability					
2D E-Fence:	✓				
– E-ceiling					
– E-floor					
– E-swing					
– E-wall					
– E-cab avoidance					
Auto hammer stop	✓				

(continued on next page)

*Paired with PL161 attachment locator.

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		
Cat Detect – People Detection		✓	HD High Wide undercarriage	✓	
Caterpillar One Key security system	✓		Towing eye on base frame	✓	
Lockable external tool/storage box	✓		Full-length track guiding guards		✓
Lockable door, fuel, and hydraulic tank locks	✓		Segmented track guiding guards		✓
Lockable fuel drain compartment	✓		Swivel guard		✓
Service platform with anti-skid plate and recessed bolts	✓		Bottom guard	✓	
RH handrail and hand hold (ISO 2867:2011 compliant)	✓		Travel motor guard	✓	
Standard visibility mirror package	✓		Grease lubricated track	✓	
Signaling/warning horn	✓		HD swing frame	✓	
Travel alarm		✓	HD High Wide base frame with SD rollers	✓	
Swing alarm		✓	7.56 mt (16,700 lb) counterweight – Mass, Reach	✓	
Ground-level secondary engine shutoff switch	✓		600 mm (24") HD triple grouser track shoes		✓
Rearview and right-hand-sideview cameras	✓		600 mm (24") double grouser track shoes		✓
Boom lowering check valve	✓		700 mm (28") triple grouser track shoes		✓
Stick lowering check valve	✓		850 mm (33") triple grouser track shoes		✓
360° visibility		✓			
Inspection lighting		✓			
SERVICE AND MAINTENANCE					
Integrated vehicle health management system		✓			
Grouped location of engine oil and fuel filters	✓				
Scheduled Oil Sampling (S·O·S SM) ports	✓				
QuickEvac TM maintenance ready		✓			
Electric refueling pump with automatic shutoff	✓				

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

- Lower radial wiper
- Joysticks with horizontal sliders
- Electrically controlled RH pedal
- Bluetooth® key fob
- Falling object guard system
- Mesh guard full front
- Rain protector for front windshield and cab light cover
- Submarine sensor protectors
- Rubber bumper
- P5A demolition glass

Cab Options

	Deluxe	Premium
ROPS	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
Additional high-resolution LCD touchscreen monitor for Cat Advanced 2D and 3D	○	○
Automatic bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
Height-adjustable console, infinite with no tool	●	●
Heated seat with air-adjustable suspension	●	X
Heated and cooled seat with automatic adjustable suspension	X	●
51 mm (2") seat belt	●	●
Tilt-up left-side console	●	●
Bluetooth integrated radio (including USB, aux port and microphone)	●	●
12V DC outlets (×2)	●	●
Document storage	●	●
Cup and bottle holders	●	●
Openable two-piece front window	●	●
Fixed one-piece P5A laminated front window and top fixed hatch	X	X
Radial wiper with washer	●	X
Parallel wipers with washers	X	●
Intermittent roof wiper with washer	X	X
Openable polycarbonate skylight hatch	●	●
LED dome and lower interior lights	●	●
Roller front screen	●	●
Roller rear sunscreen	○	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
Cat Stick Steer	○	○
Auxiliary circuit	○	○

● Standard

○ Optional

X Not available

340-07 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

- The Cat® C9.3B engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- All Cat nonroad U.S. EPA Tier 4 Final, EU Stage V, Japan 2014, Korea Tier 5, India CEV Stage V, and China Nonroad Stage IV diesel engines are required to use ULSD (ultra-low sulfur diesel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.*

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 (external) – 105 dB(A)

ISO 6396 (inside cab) – 73 dB(A)

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- 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.
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode minimizes fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Available Cat technologies improve operator efficiency by up to 45%
 - Cut costs with extended maintenance intervals

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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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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AEXQ2377-04 (12-2022)
Replaces AEXQ2377-03
Build Number: 07E
(Europe)

