



340

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 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C9.3B	
Net Power – ISO 9249	258.3 kW	346 hp
Engine Power – ISO 14396	259.0 kW	347 hp
Bore	115 mm	5 in
Stroke	149 mm	6 in
Displacement	9.3 L	568 in ³

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- 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 1,900 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 (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.

Swing Mechanism

Swing Speed*	8.84 rpm	
Maximum Swing Torque	143 kN·m	105,214 lbf·ft

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

Weights

Operating Weight	39 100 kg	86,200 lb
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- Long Wide Undercarriage, Mass Boom, M2.55TB (8'4") Stick, Severe Duty V-Edge (SDV) 2.78 m³ (3.64 yd³) Bucket, 600 mm (24") Double 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)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	4.7 km/h	2.9 mph
Maximum Drawbar Pull	301.5 kN	67,780 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
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	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

Standards

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

Sound Performance

ISO 6395:2008 (external)	106 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.

340 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

	600 mm (24") Double 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 HD Track Rollers and Carrier Rollers for Long Wide Undercarriage						
7.56 mt (16,700 lb) Counterweight + Long Wide Undercarriage Base Machine + Mass Boom						
M2.55 m (8'4") TB Stick, 2.78 m ³ (3.64 yd ³) SDV Bucket	39 100 (86,200)	72.8 (10.6)	38 700 (85,300)	61.8 (9.0)	39 300 (86,700)	55.0 (8.0)

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

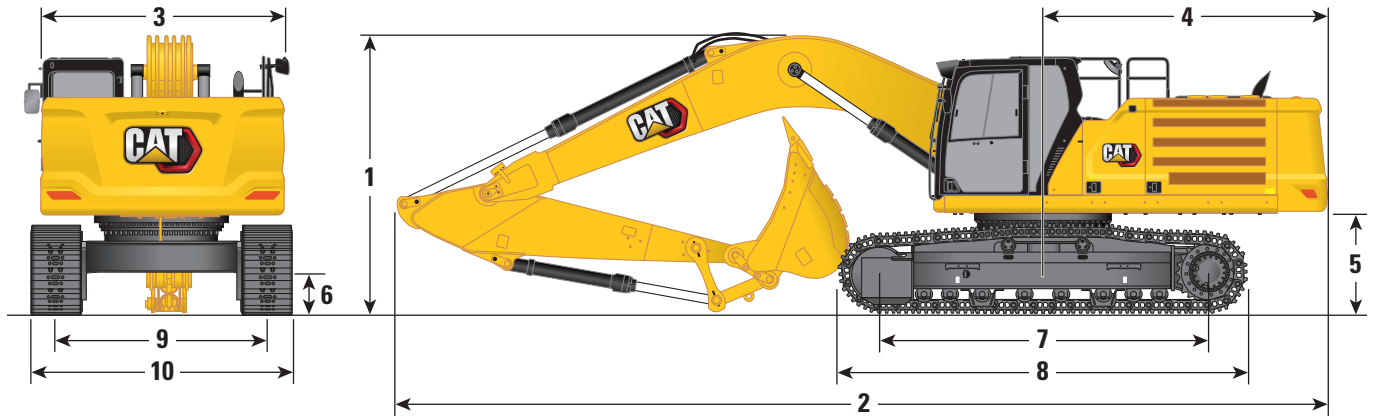
Major Component Weights

	kg	lb
Base Machine with 7.56 mt (16,700 lb) Counterweight, HD Swing Frame, Base Frame with HD Track Rollers and Carrier Rollers for Long Wide Undercarriage	25 240	55,650
Track Shoes:		
600 mm (24") Width, 15.5 mm (0.61") Thick, Double Grouser Track Shoes	4850	10,700
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	4450	9,800
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes	5100	11,230
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:		
Heavy Duty (HD) Swing Frame	3260	7,180
Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8750	19,290
Boom (including lines, pins, stick cylinder):		
Mass Boom 6.18 m (20'3")	3500	7710
Stick (including lines, pins, bucket cylinder, bucket linkage):		
Mass Stick M2.55TB (8'4")	2120	4,680
Bucket (without linkage):		
2.78 m ³ (3.64 yd ³) SDV	2840	6,270
Quick Couplers (QC):		
CW Dedicated QC	480	1,050
Pin Grabber QC	700	1,550

340 Hydraulic Excavator Specifications

Dimensions

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



Undercarriage Option

Boom Option

Mass Boom
6.18 m (20'3")

Stick Option

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

1 Machine Height:

Cab Height	3180 mm	10'5"
OPG Height	3330 mm	10'11"
Guardrails/Handrails Height	3180 mm	10'5"
With Boom/Stick/Bucket Installed	3620 mm	11'11"
With Boom/Stick Installed	3410 mm	11'2"
With Boom Installed	2830 mm	9'3"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3360 mm	11'11"
With Boom/Stick Installed (with auxiliary lines)	3420 mm	11'3"
With Boom Installed (with auxiliary lines)	2900 mm	9'6"

2 Machine Length:

With Boom/Stick/Bucket Installed	10 890 mm	35'9"
With Boom/Stick Installed	10 830 mm	35'6"
With Boom Installed	9640 mm	31'8"
With Boom/Stick/Bucket Installed (with auxiliary lines)	10 890 mm	35'9"
With Boom/Stick Installed (with auxiliary lines)	10 830 mm	35'6"
With Boom Installed (with auxiliary lines)	9640 mm	31'8"

3 Upperframe Width without Walkways

2970 mm 9'9"

4 Tail Swing Radius

3530 mm 11'7"

5 Counterweight Clearance

1260 mm 4'2"

6 Ground Clearance

510 mm 1'8"

7 Track Length – Length to Center of Rollers

4040 mm 13'3"

8 Track Length

5030 mm 16'6"

9 Track Gauge – Extended

2740 mm 9'0"

10 Track Width/Undercarriage Width (with steps):

600 mm (24") Shoes	3340 mm	10'11"
700 mm (28") Shoes	3440 mm	11'3"
800 mm (31") Shoes	3540 mm	11'7"

Bucket Type

SDV

Bucket Capacity

2.78 m³ 3.64 yd³

Bucket Tip Radius

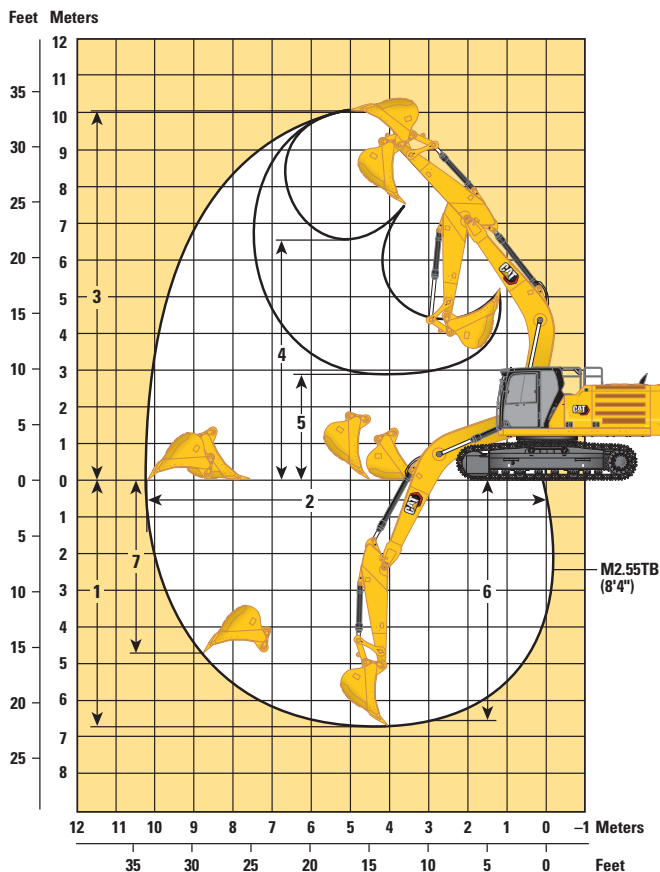
1960 mm 6.4 ft

NOTE: Height and length shipping dimensions may vary due to track shoe width and bucket width.

340 Hydraulic Excavator Specifications

Working Ranges and Forces

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



Undercarriage Option

Boom Option

Mass Boom
6.18 m (20'3")

Stick Option

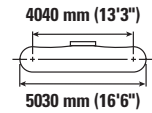
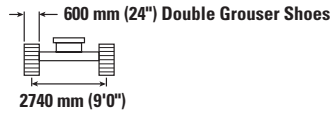
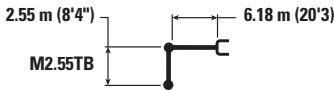
Mass Stick
M2.55TB (8'4")

1 Maximum Digging Depth	6700 mm	22'
2 Maximum Reach at Ground Line	10 330 mm	33'11"
3 Maximum Cutting Height	10 010 mm	32'10"
4 Maximum Loading Height	6560 mm	21'6"
5 Minimum Loading Height	2870 mm	9'5"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6540 mm	21'5"
7 Maximum Vertical Wall Digging Depth	4670 mm	15'4"
Bucket Digging Force (ISO)	263 kN	59,210 lbf
Stick Digging Force (ISO)	190 kN	42,780 lbf
Bucket Digging Force (ISO) – auto dig boost	286 kN	64,290 lbf
Stick Digging Force (ISO) – auto dig boost	207 kN	46,450 lbf
Bucket Type	SDV	
Bucket Capacity	2.78 m ³	3.64 yd ³
Bucket Tip Radius	1960 mm	6.4 ft

340 Hydraulic Excavator Specifications

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

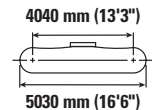
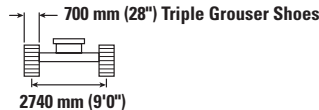
Long Wide Undercarriage



Boom Length mm ft/in	Weight kg lb	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		Undercarriage		
		Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	mm ft/in	
7500 mm 25'0"	kg lb					*10 150 *22,350	*10 150 *22,350			*8950 *19,900	*8950 *19,900	6600 21'3"
6000 mm 20'0"	kg lb					*10 500 *22,850	*10 500 *22,850	*9900	8050	*8550 *18,850	7850 17,500	7600 24'9"
4500 mm 15'0"	kg lb			*14 700 *31,600	*14 700 *31,600	*11 700 *25,300	11 150 24,000	*10 250 *22,300	7900 16,950	*8550 *18,850	6800 15,050	8220 26'10"
3000 mm 10'0"	kg lb			*18 000 *38,700	16 100 34,700	*13 150 *28,450	10 600 22,800	*10 900 *23,650	7650 16,400	*8900 *19,550	6300 13,800	8520 27'11"
1500 mm 5'0"	kg lb			*20 000 *43,200	15 250 32,850	*14 400 *31,100	10 100 21,750	11 000 23,650	7400 15,900	9050 19,900	6100 13,450	8550 28'0"
0 mm 0'0"	kg lb			*20 200 *43,800	14 950 32,150	*14 900 *32,250	9850 21,200	10 800 23,300	7200 15,550	9350 20,550	6300 13,850	8310 27'3"
-1500 mm -5'0"	kg lb	*17 900 *40,650	*17 900 *40,650	*19 200 *41,600	15 000 32,200	*14 500 *31,400	9750 21,050	10 800 23,250	7200 15,550	10 300 22,700	6900 15,200	7770 25'5"
-3000 mm -10'0"	kg lb	*21 950 *47,700	*21 950 *47,700	*16 900 *36,550	15 200 32,700	*12 850 *27,600	9900 21,350			*10 600 *23,350	8300 18,350	6870 22'4"
-4500 mm -15'0"	kg lb			*12 400 *26,150	*12 400 *26,150					*9850 *21,450	*9850 *21,450	5410 17'5"

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

Long Wide Undercarriage



Boom Length mm ft/in	Weight kg lb	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		Undercarriage		
		Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	mm ft/in	
7500 mm 25'0"	kg lb					*10 150 *22,350	*10 150 *22,350			*8950 *19,900	*8950 *19,900	6600 21'3"
6000 mm 20'0"	kg lb					*10 500 *22,850	*10 500 *22,850	*9900	7950	*8550 *18,850	7800 17,350	7600 24'9"
4500 mm 15'0"	kg lb			*14 700 *31,600	*14 700 *31,600	*11 700 *25,300	11 050 23,800	*10 250 *22,300	7800 16,800	*8550 *18,850	6750 14,900	8220 26'10"
3000 mm 10'0"	kg lb			*18 000 *38,700	15 950 34,400	*13 150 *28,450	10 500 22,600	*10 900 *23,650	7550 16,250	*8900 *19,550	6200 13,700	8520 27'11"
1500 mm 5'0"	kg lb			*20 000 *43,200	15 100 32,500	*14 400 *31,100	10 000 21,550	10 900 23,400	7300 15,750	8950 19,700	6050 13,350	8550 28'0"
0 mm 0'0"	kg lb			*20 200 *43,800	14 800 31,850	*14 900 *32,200	9750 20,950	10 700 23,050	7150 15,400	9250 20,350	6250 13,700	8310 27'3"
-1500 mm -5'0"	kg lb	*17 900 *40,650	*17 900 *40,650	*19 200 *41,600	14 850 31,850	*14 500 *31,400	9650 20,800	10 700 23,000	7150 15,400	10 200 22,450	6800 15,050	7770 25'5"
-3000 mm -10'0"	kg lb	*21 950 *47,700	*21 950 *47,700	*16 900 *36,550	15 050 32,350	*12 850 *27,600	9800 21,150			*10 600 *23,350	8200 18,200	6870 22'4"
-4500 mm -15'0"	kg lb			*12 400 *26,150	*12 400 *26,150					*9850 *21,450	*9850 *21,450	5410 17'5"



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.

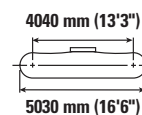
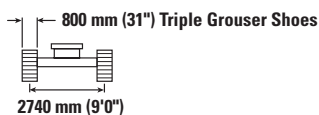
Lift capacity stays with ±5% for all available track shoes.













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

340 Hydraulic Excavator Specifications

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

Long Wide Undercarriage



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				mm ft/in
												
7500 mm 25'0"	kg lb					*10 150 *22,350	*10 150 *22,350			*8950 *19,900	*8950 *19,900	6600 21'3"
6000 mm 20'0"	kg lb					*10 500 *22,850	*10 500 *22,850	*9900	8100	*8550 *18,850	7900 17,600	7600 24'9"
4500 mm 15'0"	kg lb			*14 700 *31,600	*14 700 *31,600	*11 700 *25,300	11 200 24,100	*10 250 *22,300	7950 17,050	*8550 *18,850	6850 15,150	8220 26'10"
3000 mm 10'0"	kg lb			*18 000 *38,700	16 200 34,900	*13 150 *28,450	10 650 22,900	*10 900 *23,650	7650 16,500	*8900 *19,550	6300 13,900	8520 27'11"
1500 mm 5'0"	kg lb			*20 000 *43,200	15 350 33,000	*14 400 *31,100	10 150 21,900	11 050 23,800	7450 16,000	9100 20,050	6150 13,550	8550 28'0"
0 mm 0'0"	kg lb			*20 200 *43,800	15 050 32,350	*14 900 *32,250	9900 21,300	10 900 23,400	7250 15,650	9400 20,700	6350 13,950	8310 27'3"
-1500 mm -5'0"	kg lb	*17 900 *40,650	*17 900 *40,650	*19 200 *41,600	15 050 32,350	*14 500 *31,400	9850 21,150	10 850 23,400	7250 15,650	10 350 22,850	6950 15,300	7770 25'5"
-3000 mm -10'0"	kg lb	*21 950 *47,700	*21 950 *47,700	*16 900 *36,550	15 300 32,850	*12 850 *27,600	9950 21,500			*10 600 *23,350	8350 18,500	6870 22'4"
-4500 mm -15'0"	kg lb			*12 400 *26,150	*12 400 *26,150					*9850 *21,450	*9850 *21,450	5410 17'5"



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.

340 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Long Wide Undercarriage		
		mm	in	m ³	yd ³	kg	lb		%	7.56 mt (16,700 lb) Counterweight	
										Mass	
									M2.55 (8'4")		
Pin-On (No Quick Coupler)											
Severe Duty Spade	DB	1650	66	2.15	2.81	1802	3,972	90			
Heavy Duty	TB	1750	69	2.50	3.27	2321	5,112	100	⊙		
	TB	1850	72	2.69	3.52	2387	5,262	100	⊖		
	TB	1900	75	2.80	3.66	2548	5,612	100	⊖		
Severe Duty	TB	1800	71	2.60	3.40	2618	5,766	90	⊙		
Severe Duty Spade	TB	1900	75	2.78	3.64	2844	6,264	90	⊖		
Severe Duty Spade Power	TB	1750	69	2.40	3.14	2663	5,865	90	⊙		
	TB	1900	75	2.60	3.40	2803	6,173	90	⊖		
Extreme Duty Spade Power	TB	1550	61	2.00	2.62	2578	5,678	90	●		
	TB	1750	69	2.40	3.14	2799	6,165	90	⊙		
								kg	6730		
Maximum load with pin-on (payload + bucket)								lb	14,837		
With Cat Pin Grabber Coupler											
Severe Duty Spade	DB	1650	66	2.15	2.81	1802	3,972	90			
Heavy Duty	TB	1750	69	2.50	3.27	2321	5,112	100	○		
	TB	1850	72	2.69	3.52	2387	5,262	100	○		
	TB	1900	75	2.80	3.66	2548	5,612	100	◇		
Severe Duty	TB	1800	71	2.60	3.40	2618	5,766	90	○		
Severe Duty Spade	TB	1900	75	2.78	3.64	2844	6,264	90	◇		
Severe Duty Spade Power	TB	1750	69	2.40	3.14	2663	5,865	90	○		
	TB	1900	75	2.60	3.40	2803	6,173	90	○		
Extreme Duty Spade Power	TB	1550	61	2.00	2.62	2578	5,678	90	⊙		
	TB	1750	69	2.40	3.14	2799	6,165	90	○		
								kg	5677		
Maximum load with coupler (payload + bucket)								lb	12,515		
With CW Quick Coupler											
Severe Duty Spade	TB CW45	1650	66	2.41	3.15	2267	4,998	90	⊙		
								kg	6235		
Maximum load with coupler (payload + bucket)								lb	13,746		

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)

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 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
 1800 kg/m³ (3,000 lb/yd³)
 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS

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	H140 GC	✓	✓	✓	✓
	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC	✓	✓		✓
	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	✓	✓	✓	
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓	✓	
	MP332 Demolition Jaw-Flat Top	✓	✓	✓	
	MP332 Pulverizer Jaw-Flat Top	✓	✓	✓	
	MP332 Shear Jaw-Flat Top	✓	✓	✓	
	MP332 Tank Shear Jaw-Flat Top	✓	✓	✓*	
	MP332 Universal Jaw-Flat Top	✓	✓	✓	
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓	✓	
	G345-Flat Top	✓	✓	✓	
Mobile Scrap and Demolition Shears	S3035-Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓	✓	✓
	P332 Primary Pulverizer	✓	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Orange Peel Grapples	GSH440-950	●	●	●	
	GSH440-1150	●	●	●	
	GSH440-1550	●	●	○	
	GSH455-1000	●	●	●	
	GSH455-1500	●	○	○	
	GSH455-2000	○	○		
	GSH555-1000	●	●	○	
	GSH555-1500	○	○		
Rotary Cutters	RC30	✓	✓	✓	
	RC50				✓

(continued on next page)

340 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

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

Match

* Working range front only

No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Long Wide			
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	H140 GC	✓	✓	✓*	✓
	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC	✓*			✓*
	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	✓	✓	✓*	
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓		
	MP332 Demolition Jaw-Flat Top	✓	✓		
	MP332 Pulverizer Jaw-Flat Top	✓	✓		
	MP332 Shear Jaw-Flat Top	✓	✓		
	MP332 Tank Shear Jaw-Flat Top	✓*			
	MP332 Universal Jaw-Flat Top	✓	✓		
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓	✓*	
	G345 Flat Top	✓	✓		
Mobile Scrap and Demolition Shears	S3035-Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓		✓
	P332 Primary Pulverizer	✓	✓	✓*	
	P332 Primary Pulverizer-Flat Top	✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓	
	RC30				✓

(continued on next page)

340 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

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

Match

* Working range front only

No Match

CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide			
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	H140 GC	✓	✓	✓	✓
	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓	✓
	H180 GC	✓*			✓
	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	✓	✓	✓	
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓	✓*	
	MP332 Demolition Jaw-Flat Top	✓	✓		
	MP332 Pulverizer Jaw-Flat Top	✓	✓		
	MP332 Shear Jaw-Flat Top	✓	✓	✓*	
	MP332 Tank Shear Jaw-Flat Top	✓	✓*		
MP332 Universal Jaw-Flat Top	✓	✓			
Demolition and Sorting Grapples	G332	✓	✓	✓	
	G345	✓	✓	✓*	
	G345 Flat Top	✓	✓		
Mobile Scrap and Demolition Shears	S3035-Flat Top	✓	✓	✓	
Pulverizers	P232 Secondary Pulverizer	✓	✓		✓
	P332 Primary Pulverizer	✓	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓	
	RC50				✓

(continued on next page)

340 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

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

Match

* Working range front only

No Match

S80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide		
Counterweight		7.56 mt (16,700 lb)		
Boom Type		Reach HD		
Stick Length		2.80 m HD (9'2")	3.20 m HD (10'6")	3.90 m HD (12'10")
Hydraulic Hammers	H140 GC	✓	✓	✓
	H140 GC S	✓	✓	✓
	H140 S	✓	✓	✓
	H160 GC	✓	✓	✓
	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	✓	✓	✓*
	G345 Flat Top	✓	✓	✓*
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓
Pulverizers	P232 Secondary Pulverizer	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓

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340 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

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

Match * Working range front only No Match

HCS80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide		
Counterweight		7.56 mt (16,700 lb)		
Boom Type		Reach HD		
Stick Length		2.80 m HD (9'2")	3.20 m HD (10'6")	3.90 m HD (12'10")
Hydraulic Hammers	H140 GC	✓	✓	✓
	H140 S	✓	✓	✓
	H160 GC	✓	✓	
	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	✓	✓	✓*
	G345 Flat Top	✓	✓	
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓
Pulverizers	P232 Secondary Pulverizer	✓	✓	
	P332 Primary Pulverizer-Flat Top	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓

BOOM-MOUNT

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

340 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)	✓	
2.55 m (8'4") Mass stick	✓		Maintenance-free 1,000 CCA batteries (×4)		✓
TB family bucket linkage with lifting eye	✓		Centralized electrical disconnect switch	✓	
CAT TECHNOLOGY			LED exterior chassis and boom lights	✓	
Cat Equipment Management:			Premium surround working lights		✓
– VisionLink®	✓ ¹		ENGINE		
– VisionLink Productivity		✓ ²	115 Amp alternator	✓	
– Remote Flash	✓		Three selectable modes: Power, Smart, Eco	✓	
– Remote Troubleshoot	✓		Auto engine speed control	✓	
Cat Grade:			52° C (126° F) high-ambient cooling	✓	
– Cat Grade with 2D		✓	Hydraulic reverse fan		✓
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓	–18° C (0° F) cold start capability	✓	
– Laser catcher		✓	–32° C (–25° F) cold start capability		✓
– Cat Grade with 3D (single or dual Global Navigation Satellite System [GNSS])		✓	Double element air filter with integrated pre-cleaner	✓	
– Compatible with 3D grade systems from Trimble, Topcon, and Leica		✓	Dual stage four micron main filter	✓	
– Cat Grade 3D Ready		✓	10 micron primary filter with water separator	✓	
Cat Assist:			Electric fuel priming pump	✓	
– Grade Assist		✓	Secure start with PIN code	✓	
– Boom Assist		✓	Remote disable	✓	
– Bucket Assist		✓	HYDRAULIC SYSTEM		
– Swing Assist		✓	Boom and stick regeneration circuit	✓	
– Lift Assist		✓	Electronic main control valve	✓	
Cat Payload:			Auto dig boost		✓
– On-the-go weighing	✓		Auto heavy lift	✓	
– Semiautomatic calibration	✓		Auto hydraulic oil warmup	✓	
– Payload/cycle information	✓		Bio hydraulic oil capability	✓	
– VisionLink Productivity back office reporting		✓ ²	Fine swing	✓	
Cat Advanced Payload:			Reverse swing damping valve	✓	
– Daily totals		✓	Auto swing parking brake	✓	
– Custom lists		✓	High performance hydraulic return filter	✓	
– Smart weight target		✓	Two speed travel	✓	
– E-ticket Integration		✓ ²	Single one-way circuit with hammer return filter	✓	
			Combined two-way circuit with hammer return filter		✓
			Quick coupler circuit for Cat Pin Grabber		✓
			Hydraulic efficiency monitoring		✓

¹Provides 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.

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

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
SAFETY AND SECURITY			UNDERCARRIAGE AND STRUCTURES		
2D E-Fence:		✓	Long wide undercarriage	✓	
– E-ceiling			Towing eye on base frame	✓	
– E-floor			Full-length track guiding guards		✓
– E-swing			Segmented two-piece track guiding guards		✓
– E-wall			Swivel guard	✓	
– E-cab avoidance			HD bottom guard	✓	
Auto hammer stop	✓		HD travel motor guards	✓	
Caterpillar One Key security system	✓		Grease lubricated track	✓	
Lockable external tool/storage box	✓		7.56 mt (16,700 lb) counterweight	✓	
Lockable door, fuel, and hydraulic tank locks	✓		600 mm (24") double grouser track shoes		✓
Lockable fuel drain compartment	✓		700 mm (28") triple grouser track shoes		✓
Lockable disconnect switch	✓		800 mm (31") triple grouser track shoes		✓
Service platform with anti-skid plate and recessed bolts	✓				
Right Hand (RH) handrail and handhold	✓				
Signaling/warning horn	✓				
Travel alarm	✓				
Swing alarm		✓			
Ground-level secondary engine shutoff switch	✓				
Rearview camera	✓				
360° visibility		✓			
Operator Protective Guards		✓			
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	GUARDS	SAFETY AND SECURITY
<ul style="list-style-type: none">• Lower radial wiper• Left Hand (LH)/RH electrical pedal for tool control• Polycarbonate roof hatch	<ul style="list-style-type: none">• Operator Protective Guards• Mesh guard full front• Mesh guard half front• Full protecting vandalism guard	<ul style="list-style-type: none">• Bluetooth® receiver kit• Bluetooth key fob• Cat Detect – People Detection• Cat Command – Remote control kit

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

- Standard
- Optional
- X Not available

340 Environmental Declaration

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

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

Engine

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:
 - ✓ 100% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (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) – 106 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.

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 supports reduced fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Available Cat technologies help improve operator efficiency
 - 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

AEXQ4069-00 (11-2024)
Build Number: 08D
(S Am)

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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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