



# 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 <sup>3</sup>

- 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

## Weights

Operating Weight	39 100 kg	86,200 lb
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- Long Wide Undercarriage, Mass Boom, M2.55TB (8'4") Stick, SDV 2.78 m<sup>3</sup> (3.64 yd<sup>3</sup>) 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 CO<sub>2</sub> equivalent of 1.430 metric tonnes.

# 340 Hydraulic Excavator Specifications

## Operating Weights and Ground Pressures

Base Machine Configurations	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)
<b>Base Frame with HD Track Rollers and Carrier Rollers for Long Wide Undercarriage</b>						
<b>7.56 mt (16,700 lb) Counterweight + Long Wide Undercarriage Base Machine + Mass Boom</b>						
M2.55 m (8'4") TB Stick, 2.78 m <sup>3</sup> (3.64 yd <sup>3</sup> ) 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.

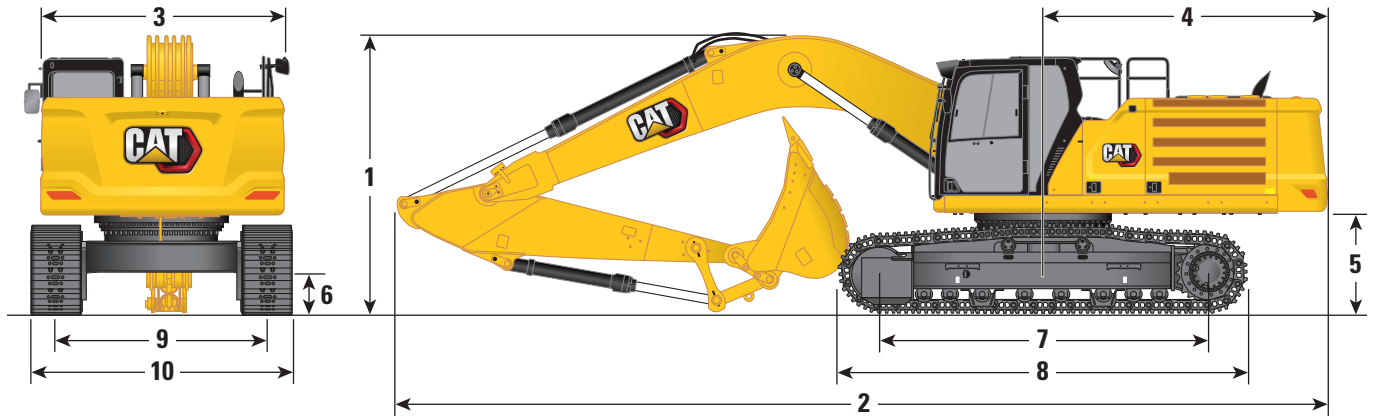
## Major Component Weights

	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:		
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 <sup>3</sup> (3.64 yd <sup>3</sup> ) 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 m<sup>3</sup> 3.64 yd<sup>3</sup>

### Bucket Tip Radius

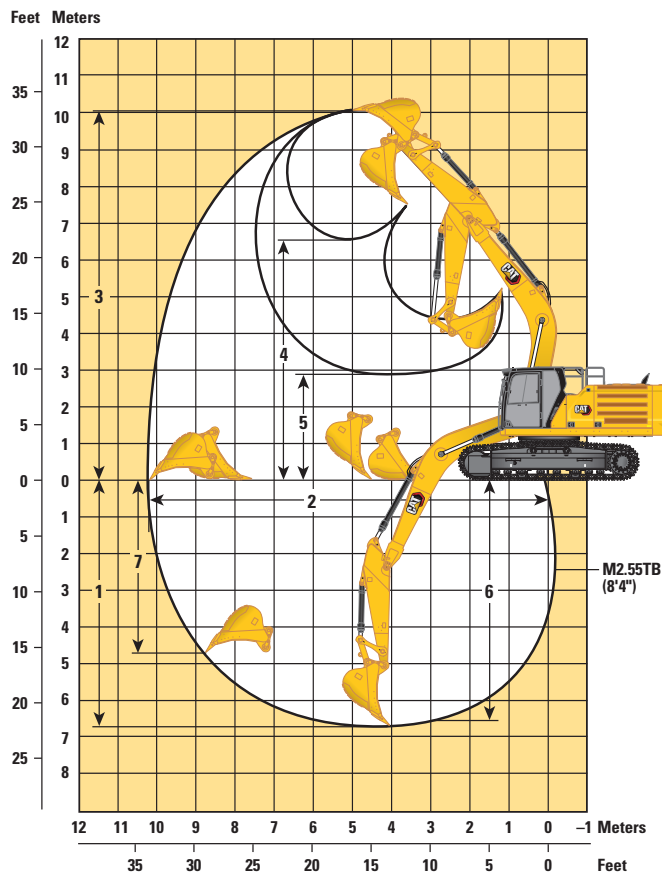
1960 mm 6.4 ft

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

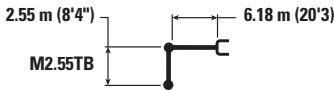
**Mass Stick**  
M2.55TB (8'4")

<b>1</b> Maximum Digging Depth	6700 mm	22'
<b>2</b> Maximum Reach at Ground Line	10 330 mm	33'11"
<b>3</b> Maximum Cutting Height	10 010 mm	32'10"
<b>4</b> Maximum Loading Height	6560 mm	21'6"
<b>5</b> Minimum Loading Height	2870 mm	9'5"
<b>6</b> Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6540 mm	21'5"
<b>7</b> 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 <sup>3</sup>	3.64 yd <sup>3</sup>
Bucket Tip Radius	1960 mm	6.4 ft

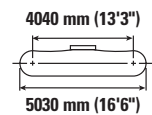
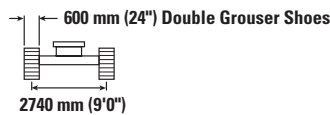
# 340 Hydraulic Excavator Specifications

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

Long Wide Undercarriage



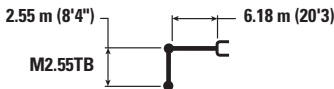
M2.55TB



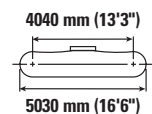
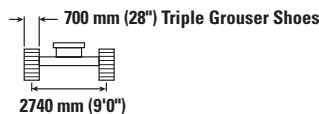
Boom Length mm ft/in	kg lb	3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		Undercarriage		
		Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	
7500 mm 25'0"	kg lb					*10 150 *22,350	*10 150 *22,350			*8950 *19,900	*8950 *19,900	6600 21'3"
6000 mm 20'0"	kg lb					*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 13,850	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



M2.55TB



Boom Length mm ft/in	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	Diagram	
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.

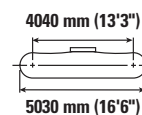
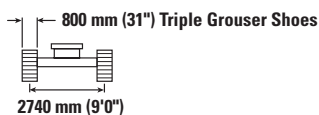
Lift capacity stays with ±5% for all available track shoes.













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 <sup>3</sup>	yd <sup>3</sup>	kg	lb		%	7.56 mt (16,700 lb) Counterweight	
										Mass	
									M2.55 (8'4")		
<b>Pin-On (No Quick Coupler)</b>											
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		
<b>With Cat Pin Grabber Coupler</b>											
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		
<b>With CW Quick Coupler</b>											
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/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>)
- ⊙ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◇ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)

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



# 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
  1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
  1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

### PIN-ON ATTACHMENTS

<b>Undercarriage</b>		<b>Long Wide</b>
<b>Counterweight</b>		<b>7.56 mt (16,700 lb)</b>
<b>Boom Type</b>		<b>Mass</b>
<b>Stick Length</b>		<b>2.55 m (8'4")</b>
Hydraulic Hammers	H140 GC	✓
	H140 GC S	✓
	H140 S	✓
	H160 GC	✓
	H160 GC S	✓
	H160 S	✓
	H180 GC	✓
	H180 GC S	✓
	H180 S	✓
Pulverizers	P232 Secondary Pulverizer	✓
Compactors (Vibratory Plate)	CVP110	✓

*(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

### CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Long Wide
Counterweight		7.56 mt (16,700 lb)
Boom Type		Mass
Stick Length		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	✓
Pulverizers	P232 Secondary Pulverizer	✓
Compactors (Vibratory Plate)	CVP110	✓

*(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

### CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide
Counterweight		7.56 mt (16,700 lb)
Boom Type		Mass
Stick Length		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	✓
Pulverizers	P232 Secondary Pulverizer	✓
Compactors (Vibratory Plate)	CVP110	✓

### BOOM-MOUNT

Undercarriage		Long
Counterweight		7.56 mt (16,700 lb)
Boom Type		Mass
Mobile Scrap and Demolition Shears	S2070	✓
	S2090	✓

# 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
<b>BOOMS, STICKS AND LINKAGES</b>			<b>ELECTRICAL SYSTEM</b>		
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	✓	
<b>CAT TECHNOLOGY</b>			LED exterior chassis and boom lights	✓	
VisionLink®*	✓		Premium surround working lights		✓
Remote Flash	✓		<b>ENGINE</b>		
Remote Troubleshoot	✓		115 Amp alternator	✓	
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓		Three selectable modes: Power, Smart, Eco	✓	
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓		Auto engine speed control	✓	
Cat Grade 2D		✓	52° C (126° F) high-ambient cooling	✓	
Cat Grade 2D with Attachment Ready Option (ARO)		✓	Hydraulic reverse fan		✓
Cat Grade with 3D single GNSS		✓	-18° C (0° F) cold start capability	✓	
Cat Grade with 3D dual GNSS		✓	-32° C (-25° F) cold start capability		✓
Cat Assist:		✓	Double element air filter with integrated pre-cleaner	✓	
– Grade Assist			Dual stage four micron main filter	✓	
– Boom Assist			10 micron primary filter with water separator	✓	
– Bucket Assist			Electric fuel priming pump	✓	
– Swing Assist			Secure start with PIN code	✓	
– Lift Assist			Remote disable	✓	
Cat Payload:		✓	<b>HYDRAULIC SYSTEM</b>		
– Static weigh			Boom and stick regeneration circuit	✓	
– Semiauto calibration			Electronic main control valve	✓	
– Payload/cycle information			Auto dig boost		✓
– USB reporting capability			Auto heavy lift	✓	
Laser catcher		✓	Auto hydraulic oil warmup	✓	
			Bio hydraulic oil capability	✓	
			Fine swing	✓	
			Reverse swing damping valve	✓	
			Auto swing parking brake	✓	
			High performance hydraulic return filter	✓	
			Two speed travel	✓	
			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		✓

\*Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

(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
<b>SAFETY AND SECURITY</b>			<b>UNDERCARRIAGE AND STRUCTURES</b>		
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		✓			
<b>SERVICE AND MAINTENANCE</b>					
Integrated vehicle health management system	✓				
Grouped engine oil and fuel filters	✓				
Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓				
QuickEvac <sup>TM</sup> maintenance ready		✓			

## Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

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

	Essential	Deluxe
ROPS	●	●
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 CO<sub>2</sub> 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 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](http://www.cat.com)

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

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AEXQ3396-02 (12-2023)  
Replaces AEXQ3396-01  
Build Number: 08C  
(S Am)

