



340 Straight Boom

Hydraulic Excavator

Not all configurations shown available in all regions. Consult your Cat® dealer for details.

Technical Specifications

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340 Straight Boom Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C9.3B	
Net Power		
ISO 9249	258.3 kW	346 hp
ISO 9249 (DIN)	351 hp (metric)	
Engine Power		
ISO 14396	259 kW	347 hp
ISO 14396 (DIN)	352 hp (metric)	
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 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 advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 1,900 rpm
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with 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.
 - * While Cat engines are compatible with these alternative fuels, some regions may not allow their use.
 - ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.
 - *** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Swing Mechanism

Swing Speed	8.84 rpm	
Swing Torque (Dynamic)	113 kN·m	83,344 lbf·ft
Swing Torque	143 kN·m	10,741 lbf·ft

Weights

Operating Weight	39 800 kg	87,800 lb
• Long Narrow undercarriage, Straight boom, R3.2DB (10'6") stick, GD 2.27 m³ (2.97 yd³) bucket, 600 mm (24") Heavy Duty (HD) triple grouser shoes, and 9.0 mt (19,800 lb) counterweight.		
Operating Weight	40 000 kg	88,100 lb
• Long Wide undercarriage, Straight boom, R3.9DB (12'10") stick, GD 2.27 m³ (2.97 yd³) bucket, and 700 mm (28") triple grouser shoes, 9.0 mt (19,800 lb) counterweight.		

Track

Optional 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

Maximum Gradeability	35°/70%	
Maximum Travel Speed	4.7 km/h	2.9 mph
Maximum Drawbar Pull	298 kN	67,000 lbf

Hydraulic System

Main System – Maximum Flow – Implement	560 L/min (280 × 2 pumps)	148 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	29 400 kPa	4,264 psi
Boom Cylinder – Bore	150 mm	6 in
Boom Cylinder – Stroke	1440 mm	57 in
Stick Cylinder – Bore	170 mm	7 in
Stick Cylinder – Stroke	1738 mm	68 in
DB Bucket Cylinder – Bore	150 mm	6 in
DB Bucket Cylinder – Stroke	1151 mm	45 in

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

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Standards

Brakes	ISO 10265:2008
Cab/Operator Protective Guards (OPG)	ISO 10262:1998
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)

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
 - If equipped with R134a (Global Warming Potential = 1430), the system contains 1.000 kg (2.205 lb.) of refrigerant, which has a CO₂ equivalent of 1.430 metric tonnes (1.576 tons).
 - If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.790 kg (1.742 lb.) of refrigerant, which has a CO₂ equivalent of 0.001 metric tonnes (0.001 tons).

Operating Weights and Ground Pressures

	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
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Frame with Track Rollers and Carrier Rollers						
9.0 mt (19,800 lb) Counterweight + Long Narrow Undercarriage Base Machine						
Straight 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)	39 700 (87,500)	63.4 (9.2)	—	—
Straight Boom + R3.2 m DB (10'6") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	39 800 (87,800)	74.1 (10.8)	39 500 (87,100)	63.1 (9.1)	—	—
9.0 mt (19,800 lb) Counterweight + Long Wide Undercarriage Base Machine						
Straight Boom + R3.9 m DB (12'10") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	40 300 (88,800)	75.0 (10.9)	40 000 (88,100)	63.8 (9.3)	40 800 (90,000)	53.7 (7.8)
Straight Boom + R3.2 m DB (10'6") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	40 100 (88,400)	74.7 (10.8)	39 800 (87,700)	63.5 (9.2)	40 600 (89,600)	53.4 (7.7)

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

340 Straight Boom Hydraulic Excavator Specifications

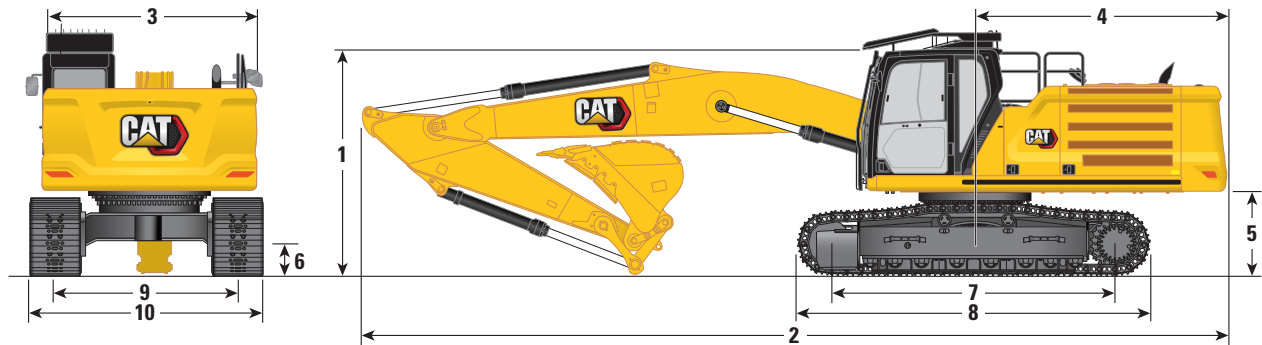
Major Component Weights

	kg	lb
Base machine with 9.0 mt (19,800 lb) counterweight, Heavy Duty (HD) swing frame, two boom cylinders, and HD track rollers and carrier rollers for Long Undercarriage	27 450	60,520
Base machine with 9.0 mt (19,800 lb) Counterweight, HD swing frame, two boom cylinders, and HD track rollers and carrier rollers for Long Wide Undercarriage	27 620	60,880
Base machine with 9.0 mt (19,800 lb) counterweight, HD swing frame, two boom cylinders, and HD track rollers and carrier rollers for Long Narrow Undercarriage	27 330	60,250
Track Shoes:		
600 mm (24") Width, 15.5 mm (0.61") Thick, HD Triple Grouser Track Shoes for Long and Long Narrow Undercarriage	4750	10,470
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes for Long and Long Narrow Undercarriage	4450	9,800
850 mm (33") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes for Long Undercarriage	5300	11,690
Two Boom Cylinders	710	1,570
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	550	1,210
Counterweight:		
9.0 mt (19,800 lb) Counterweight	9000	19,840
Swing Frame:		
HD Swing Frame	3280	7,220
Long Wide Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8740	19,270
Long Narrow Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8460	18,640
Boom (including lines, pins, stick cylinder):		
Straight Boom 6.9 m (22'8")	3700	8,160
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
R3.9DB (12'10") Reach Stick	2140	4,730
R3.2DB (10'6") Reach Stick	1960	4,310
Bucket (without linkage):		
2.27 m ³ (2.97 yd ³) GD	1520	3,350
Quick Couplers (QC):		
CW Dedicated QC	480	1,050
Pin Grabber QC	700	1,550

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Dimensions

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



Boom Option

Straight Boom
6.9 m (22'8")

Stick Options

Reach Stick

R3.9DB (12'10")

R3.2DB (10'6")

R3.9DB (12'10")

R3.2DB (10'6")

Undercarriage Options

Long and Narrow

Long Wide

1 Machine Height:

Cab Height	3360 mm	11'0"	3360 mm	11'0"	3380 mm	11'1"	3380 mm	11'1"
OPG Height	3490 mm	11'5"	3490 mm	11'5"	3500 mm	11'6"	3500 mm	11'6"
Handrail Height	3170 mm	10'5"	3170 mm	10'5"	3180 mm	10'5"	3180 mm	10'5"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3740 mm	12'3"	3330 mm	10'11"	3740 mm	12'3"	3330 mm	10'11"
With Boom/Stick Installed (with auxiliary lines)	3740 mm	12'3"	3330 mm	10'11"	3740 mm	12'3"	3330 mm	10'11"
With Boom Installed (with auxiliary lines)	2440 mm	8'0"	2440 mm	8'0"	2440 mm	8'0"	2440 mm	8'0"

2 Machine Length:

With Boom/Stick/Bucket Installed (with auxiliary lines)	11 390 mm	37'4"	11 500 mm	37'9"	11 390 mm	37'4"	11 500 mm	37'9"
With Boom/Stick Installed (with auxiliary lines)	11 390 mm	37'4"	11 500 mm	37'9"	11 390 mm	37'4"	11 500 mm	37'9"
With Boom Installed (with auxiliary lines)	10 320 mm	33'10"	10 320 mm	33'10"	10 320 mm	33'10"	10 320 mm	33'10"

3 Upperframe Width without Walkways

2970 mm	9'9"	2970 mm	9'9"	2970 mm	9'9"	2970 mm	9'9"
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4 Tail Swing Radius

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

1260 mm	4'2"	1260 mm	4'2"	1280 mm	4'2"	1280 mm	4'2"
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6 Ground Clearance

520 mm	1'8"	520 mm	1'8"	540 mm	1'9"	540 mm	1'9"
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7 Length to Center of Rollers

4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"	4040 mm	13'3"
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8 Track Length

5030 mm	16'6"	5030 mm	16'6"	5030 mm	16'6"	5030 mm	16'6"
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9 Track Gauge:

10 Track Width:

600 mm (24") Shoes (long undercarriage)	—	—	—	—	3340 mm	10'11"	3340 mm	10'11"
700 mm (28") Shoes (long undercarriage)	—	—	—	—	3440 mm	11'3"	3440 mm	11'3"
850 mm (33") Shoes (long undercarriage)	—	—	—	—	3590 mm	11'9"	3590 mm	11'9"
600 mm (24") Shoes (long narrow undercarriage)	2990 mm	9'10"	2990 mm	9'10"	—	—	—	—
700 mm (28") Shoes (long narrow undercarriage)	3090 mm	10'2"	3090 mm	10'2"	—	—	—	—

Undercarriage Width (with steps/without steps):

600 mm (24") Shoes (long undercarriage)	—	—	—	—	3340 mm	10'11"	3340 mm	10'11"
700 mm (28") Shoes (long undercarriage)	—	—	—	—	3440 mm	11'3"	3440 mm	11'3"
850 mm (33") Shoes (long undercarriage)	—	—	—	—	3590 mm	11'9"	3590 mm	11'9"
600 mm (24") Shoes (long narrow undercarriage)	2990 mm	9'10"	2990 mm	9'10"	—	—	—	—
700 mm (28") Shoes (long narrow undercarriage)	3090 mm	10'2"	3090 mm	10'2"	—	—	—	—

Bucket Type

GD

GD

GD

GD

Bucket Capacity

2.27 m³ 2.97 yd³

2.27 m³ 2.97 yd³

2.27 m³ 2.97 yd³

2.27 m³ 2.97 yd³

Bucket Tip Radius

1762 mm 5'9"

1762 mm 5'9"

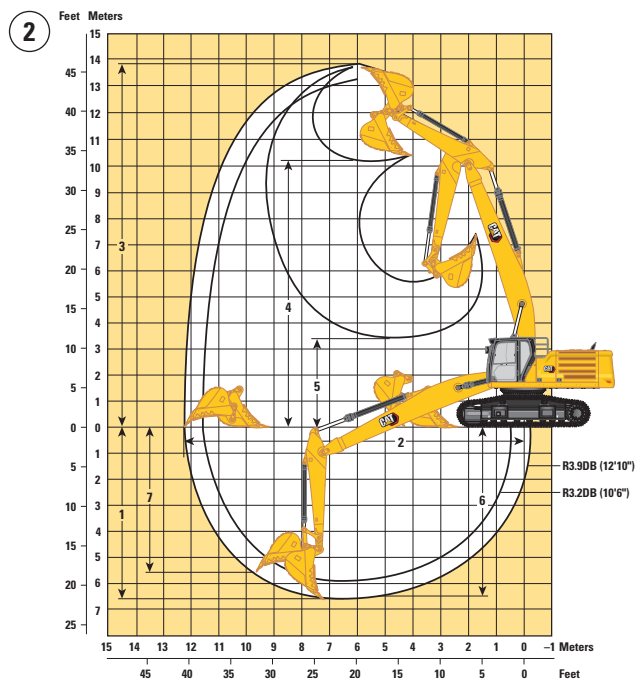
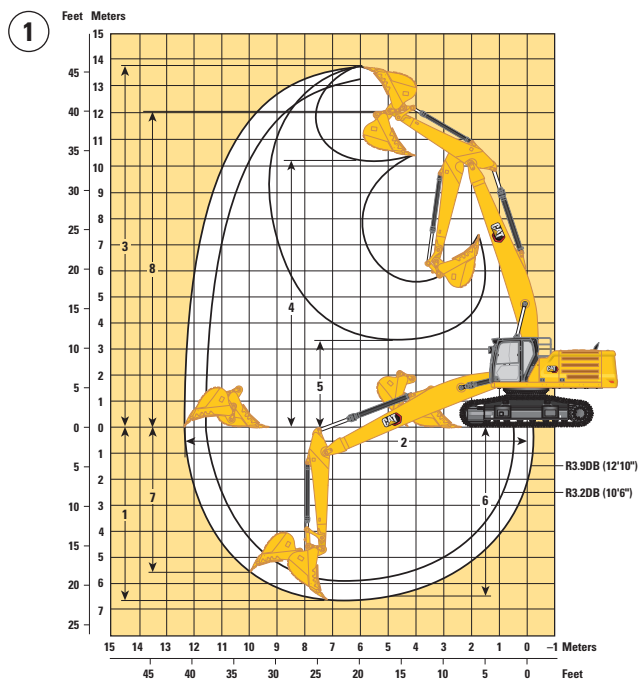
1762 mm 5'9"

1762 mm 5'9"

340 Straight Boom Hydraulic Excavator Specifications

Working Ranges and Forces

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



Boom Option

Straight Boom
6.9 m (22'8")

Stick Options

Reach Stick

Undercarriage Options

	R3.9DB (12'10")				R3.2DB (10'6")			
	1				2			
	Long Narrow*				Long Wide			
1 Maximum Digging Depth	6650 mm	21'10"	5950 mm	19'6"	6640 mm	21'9"	5940 mm	19'6"
2 Maximum Reach at Ground Line	12 350 mm	40'6"	11 640 mm	38'2"	12 370 mm	40'7"	11 660 mm	38'3"
3 Maximum Cutting Height	13 770 mm	45'2"	13 130 mm	43'1"	13 790 mm	45'3"	13 150 mm	43'2"
4 Maximum Loading Height	10 250 mm	33'8"	9600 mm	31'6"	10 270 mm	33'8"	9620 mm	31'7"
5 Minimum Loading Height	3360 mm	11'0"	3980 mm	13'1"	3380 mm	11'1"	4000 mm	13'1"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6520 mm	21'5"	5800 mm	19'0"	6510 mm	21'4"	5790 mm	19'0"
7 Maximum Vertical Wall Digging Depth	5640 mm	18'6"	4990 mm	16'4"	5630 mm	18'6"	4980 mm	16'4"
8 Maximum Pin Height at Stick Nose	12 010 mm	39'5"	11 360 mm	37'3"	12 030 mm	39'6"	11 380 mm	37'4"
Bucket Type	GD		GD		GD		GD	
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	2.27 m ³	2.97 yd ³
Bucket Tip Radius	1762 mm	5'9"	1762 mm	5'9"	1762 mm	5'9"	1762 mm	5'9"

*Europe only

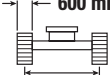
340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

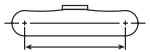
3.9 m (12'10")
R3.9DB w/AUX

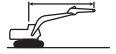


600 mm (24") HD Triple Grouser Shoes
(Long Wide Undercarriage)
2590 mm (8.5 ft)



4040 mm (13.3 ft)



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				mm ft/in
																
12 000 mm 40'0"	kg lb													*10 900	*10 900	3930
10 500 mm 35'0"	kg lb					*9800 *20,250	*9800 *20,250							*7550 *17,100	*7550 *17,100	6610 20'11"
9000 mm 30'0"	kg lb					*9750 *21,600	*9750 *21,600	*9150 *19,150	*9150 *19,150					*6450 *14,350	*6450 *14,350	8200 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	9350 20,100	*7700 *14,150	6850 *14,150			*5900 *13,100	*5900 *13,100	9270 30'02"
6000 mm 20'0"	kg lb			*8650 *19,000	*8650 *19,000	*9900 *21,750	*9900 *21,750	*10 100 *21,950	9200 19,750	*9000 *19,600	6850 14,650			*5650 *12,450	*5650 *12,450	10 010 32'08"
4500 mm 15'0"	kg lb			*15 250 *31,450	*15 250 *31,450	*12 750 *27,600	12 450 26,850	*10 650 *23,050	8900 19,100	*9200 *19,950	6700 14,350			*5550 *12,200	5200 11,450	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,800	18 000 38,850	*13 900 *30,100	11 800 25,400	*11 200 *24,250	8500 18,350	*9400 20,200	6500 14,000	7400 *13,500	5100 11,000	*5600 *12,250	4950 10,900	10 720 35'01"
1500 mm 5'0"	kg lb			*14 600 *35,450	*14 600 *35,450	*14 650 *31,700	11 200 24,100	*11 550 *24,950	8200 17,650	9200 19,800	6300 13,600	7350 *14,800	5050 10,850	*5750 *12,650	4900 10,750	10 740 35'02"
0 mm 0'0"	kg lb			*13 600 *31,900	*13 600 *31,900	*14 550 *31,550	10 800 23,300	*11 450 *24,750	7950 17,100	9050 19,500	6200 13,300	*6850 *13,300	5000	*6100 *13,350	5000 10,950	10 550 34'07"
-1500 mm -5'0"	kg lb	7800 17,750	*7800 *17,750	*17 400 *37,750	16 300 35,000	*13 550 *29,400	10 650 22,950	*10 700 *23,100	7850 16,850	*8400 *18,000	6150 13,200			*6250 *13,750	5300 11,650	10 140 33'02"
-3000 mm -10'0"	kg lb	13 550 30,700	*13 550 *30,700	*14 350 *31,100	*14 350 *31,100	*11 650 *25,050	10 700 23,000	*9150 *19,600	7850 16,900	*6650 *13,700	6200 13,400			*5350 *11,750	*5350 *11,750	9470 30'11"
-4500 mm -15'0"	kg lb					*8500 *18,000	*8500 *18,000	*6300 *12,950	*6300 *12,950					*5550 *12,500	*5550 *12,500	7900 25'04"



ISO 10567:2007



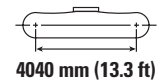
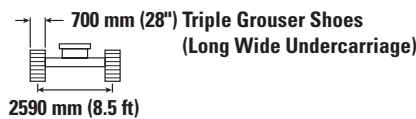
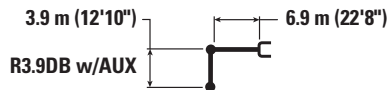
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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 $\pm 5\%$ for all available track shoes.

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

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Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 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"		10 500 mm/35'0"				mm ft/in
																
12 000 mm 40'0"	kg lb													*10 900	*10 900	3930
10 500 mm 35'0"	kg lb					*9800 *20,250	*9800 *20,250							*7550 *17,100	*7550 *17,100	6610 20'11"
9000 mm 30'0"	kg lb					*9750 *21,600	*9750 *21,600	*9150 *19,150	*9150 *19,150					*6450 *14,350	*6450 *14,350	8200 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	9300 19,950	*7700 *14,150	6800 *14,150			*5900 *13,100	*5900 *13,100	9270 30'02"
6000 mm 20'0"	kg lb			*8650 *19,000	*8650 *19,000	*9900 *21,750	*9900 *21,750	*10 100 *21,950	9100 19,600	*9000 *19,600	6800 14,550			*5650 *12,450	5600 *12,450	10 010 32'08"
4500 mm 15'0"	kg lb			*15 250 *31,450	*15 250 *31,450	*12 750 *27,600	12 400 26,700	*10 650 *23,050	8800 19,000	*9200 *19,950	6650 14,300			*5550 *12,200	5150 11,400	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,800	17 900 38,600	*13 900 *30,100	11 700 25,250	*11 200 *24,250	8450 18,250	9350 20,100	6450 13,900	7350 *13,500	5100 10,900	*5600 *12,250	4900 10,800	10 720 35'01"
1500 mm 5'0"	kg lb			*14 600 *35,450	*14 600 *35,450	*14 650 *31,700	11 100 23,950	*11 550 *24,950	8150 17,500	9150 19,650	6300 13,500	7300 *14,800	5000 10,750	*5750 *12,650	4850 10,650	10 740 35'02"
0 mm 0'0"	kg lb			*13 600 *31,900	*13 600 *31,900	*14 550 *31,550	10 750 23,150	*11 450 *24,750	7900 17,000	9000 19,350	6150 13,200	*6850 *13,350	5000 10,900	*6100 *13,350	4950 10,900	10 550 34'07"
-1500 mm -5'0"	kg lb	*7800 *17,750	*7800 *17,750	*17 400 *37,750	16 200 34,800	*13 550 *29,400	10 600 22,800	*10 700 *23,100	7800 16,750	*8400 *18,000	6100 13,100			*6250 *13,750	5250 11,550	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 550 *30,700	*13 550 *30,700	*14 350 *31,100	*14 350 *31,100	*11 650 *25,050	10 600 22,850	*9150 *19,600	7800 16,800	*6650 *13,700	6150 13,300			*5350 *11,750	5350 *11,750	9470 30'11"
-4500 mm -15'0"	kg lb					*8500 *18,000	*8500 *18,000	*6300 *12,950	*6300 *12,950					*5550 *12,500	5550 *12,500	7900 25'04"



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 $\pm 5\%$ for all available track shoes.

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

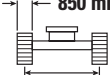
340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

3.9 m (12'10")
R3.9DB w/AUX

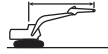


850 mm (33") Triple Grouser Shoes
(Long Wide Undercarriage)
2590 mm (8.5 ft)



4040 mm (13.3 ft)



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				mm ft/in
																
12 000 mm 40'0"	kg lb													*10 900	*10 900	3930
10 500 mm 35'0"	kg lb					*9800 *20,250	*9800 *20,250							*7550 *17,100	*7550 *17,100	6610 20'11"
9000 mm 30'0"	kg lb					*9750 *21,600	*9750 *21,600	*9150 *19,150	*9150 *19,150					*6450 *14,350	*6450 *14,350	8200 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	9450 20,300	*7700 *14,150	6950 *14,150			*5900 *13,100	*5900 *13,100	9270 30'02"
6000 mm 20'0"	kg lb			*8650 *19,000	*8650 *19,000	*9900 *21,750	*9900 *21,750	*10 100 *21,950	9300 19,950	*9000 *19,600	6900 14,850			*5650 *12,450	*5650 *12,450	10 010 32'08"
4500 mm 15'0"	kg lb			*15 250 *31,450	*15 250 *31,450	*12 750 *27,600	12 600 27,150	*10 650 *23,050	9000 19,300	*9200 *19,950	6750 14,550			*5550 *12,200	5250 11,600	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,800	18 200 39,250	*13 900 *30,100	11 900 25,700	*11 200 *24,250	8600 18,550	*9400 *20,350	6600 14,150	7500 *13,500	5200 11,100	*5600 *12,250	5000 11,050	10 720 35'01"
1500 mm 5'0"	kg lb			*14 600 *35,450	*14 600 *35,450	*14 650 *31,700	11 350 24,400	*11 550 *24,950	8300 17,850	9350 20,050	6400 13,750	7450 *14,800	5100 11,000	*5750 *12,650	4950 10,900	10 740 35'02"
0 mm 0'0"	kg lb			*13 600 *31,900	*13 600 *31,900	*14 550 *31,550	10 950 23,600	*11 450 *24,750	8050 17,350	9200 19,750	6250 13,500	*6850	5100	6100 *13,350	5050 11,100	10 550 34'07"
-1500 mm -5'0"	kg lb	*7800 *17,750	*7800 *17,750	*17 400 *37,750	16 500 35,450	*13 550 *29,400	10 800 23,250	*10 700 *23,100	7950 17,100	*8400 *18,000	6200 13,400			*6250 *13,750	5350 11,800	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 550 *30,700	*13 550 *30,700	*14 350 *31,100	*14 350 *31,100	*11 650 *25,050	10 800 23,300	*9150 *19,600	7950 17,150	*6650 *13,700	6300 13,550			*5350 *11,750	*5350 *11,750	9470 30'11"
-4500 mm -15'0"	kg lb					*8500 *18,000	*8500 *18,000	*6300 *12,950	*6300 *12,950					*5550 *12,500	*5550 *12,500	7900 25'04"



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 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

3.2 m (10'6")
R3.2DB w/AUX

600 mm (24") HD Triple Grouser Shoes
(Long Wide Undercarriage)
2590 mm (8.5 ft)

4040 mm (13.3 ft)

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
10 500 mm 35'0"	kg lb	*13 200 *28,300	*13 200 *28,300							*10 200 *23,250	*10 200 *23,250	5370 16'08"
9000 mm 30'0"	kg lb			*11 800 *25,950	*11 800 *25,950					*8350 *18,650	*8350 *18,650	7240 23'03"
7500 mm 25'0"	kg lb			*11 850 *25,800	*11 850 *25,800	*10 500 *22,950	9200 19,750			*7600 *16,800	7500 16,800	8440 27'05"
6000 mm 20'0"	kg lb	*12 900 *27,850	*12 900 *27,850	*12 500 *27,150	*12 500 *27,150	*10 700 *23,300	9050 19,500	*9500 *17,550	6750 14,450	*7250 *15,950	6450 14,300	9250 30'02"
4500 mm 15'0"	kg lb	*17 850 *38,450	*17 850 *38,450	*13 550 *29,300	12 250 26,450	*11 150 *24,200	8800 18,950	*9550 20,550	6650 14,300	*7100 *15,650	5850 12,900	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	11 650 25,100	*11 600 *25,050	8500 18,300	9400 20,250	6500 14,000	*7200 *15,850	5550 12,250	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	11 150 24,050	*11 700 *25,350	8200 17,700	9250 19,900	6400 13,700	*7450 *16,450	5450 12,050	10 040 32'11"
0 mm 0'0"	kg lb	*12 400 *29,250	*12 400 *29,250	*14 400 *31,200	10 900 23,450	*11 350 *24,550	8050 17,300	*9000 *19,350	6300 13,550	*7500 *16,500	5600 12,350	9830 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,550	*15 850 *34,550	*12 950 *28,050	10 800 23,300	*10 300 *22,150	7950 17,200	*7700 *16,250	6300 13,600	*6750 *14,800	6000 13,200	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,850	*12 400 *26,850	*10 500 *22,600	*10 500 *22,600	*8200 *17,350	8050 *17,350			*5600 *12,200	*5600 *12,200	8660 28'03"



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 $\pm 5\%$ for all available track shoes.

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

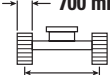
340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

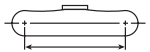
3.2 m (10'6")
6.9 m (22'8")
R3.2DB w/AUX



700 mm (28") Triple Grouser Shoes
(Long Wide Undercarriage)
2590 mm (8.5 ft)



4040 mm (13.3 ft)



		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
												
10 500 mm 35'0"	kg lb	*13 200 *28,300	*13 200 *28,300							*10 200 *23,250	*10 200 *23,250	5370 16'08"
9000 mm 30'0"	kg lb			*11 800 *25,950	*11 800 *25,950					*8350 *18,650	*8350 *18,650	7240 23'03"
7500 mm 25'0"	kg lb			*11 850 *25,800	*11 850 *25,800	*10 500 *22,950	9150 19,650			*7600 *16,800	7450 16,700	8440 27'05"
6000 mm 20'0"	kg lb	*12 900 *27,850	*12 900 *27,850	*12 500 *27,150	*12 500 *27,150	*10 700 *23,300	9000 19,400	*9500 *17,550	6700 14,350	*7250 *15,950	6400 14,200	9250 30'02"
4500 mm 15'0"	kg lb	*17 850 *38,450	*17 850 *38,450	*13 550 *29,300	12 200 26,250	*11 150 *24,200	8750 18,850	9500 20,400	6600 14,200	*7100 *15,650	5800 12,850	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	11 550 24 950	*11 600 *25,050	8450 18,150	9350 20,100	6450 13,900	*7200 *15,850	5500 12,150	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	11 100 23,850	*11 700 *25,350	8150 17,550	9200 19,750	6350 13,650	*7450 *16,450	5450 11,950	10 040 32'11"
0 mm 0'0"	kg lb	*12 400 *29,250	*12 400 *29,250	*14 400 *31,200	10 800 23,300	*11 350 *24,550	7950 17,200	*9000 *19,350	6250 13,450	*7500 *16,500	5550 12,250	9830 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,550	*15 850 *34,550	*12 950 *28,050	10 750 23,150	*10 300 *22,150	7900 17,050	*7700 *16,250	6250 13,500	*6750 *14,800	5950 13,100	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,850	*12 400 *26,850	*10 500 *22,600	*10 500 *22,600	*8200 *17,350	8000 17,250			*5600 *12,200	*5600 *12,200	8660 28'03"



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 $\pm 5\%$ for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

3.2 m (10'6")
R3.2DB w/AUX

850 mm (33") Triple Grouser Shoes
(Long Wide Undercarriage)
2590 mm (8.5 ft)

4040 mm (13.3 ft)

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
10 500 mm 35'0"	kg lb	*13 200 *28,300	*13 200 *28,300							*10,200 *23,250	*10,200 *23,250	5370 16'08"
9000 mm 30'0"	kg lb			*11 800 *25,950	*11 800 *25,950					*8350 *18,650	*8350 *18,650	7240 23'03"
7500 mm 25'0"	kg lb			*11 850 *25,800	*11 850 *25,800	*10 500 *22,950	9300 19,950			*7600 *16,800	*7600 *16,800	8440 27'05"
6000 mm 20'0"	kg lb	*12 900 *27,850	*12 900 *27,850	*12 500 *27,150	*12 500 *27,150	*10 700 *23,300	9150 19,750	*9500 *17,550	6850 14,600	*7250 *15,950	6500 14,450	9250 30'02"
4500 mm 15'0"	kg lb	*17 850 *38,450	*17 850 *38,450	*13 550 *29,300	12 400 26,700	*11 150 *24,200	8900 19,150	*9550 *20,750	6750 14,500	*7100 *15,650	5900 13,100	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	11 750 25,400	*11 600 *25,050	8600 18,500	9550 20,500	6600 14,200	*7200 *15,850	5600 12,400	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	11 300 24,300	*11 700 *25,350	8300 17,900	9350 20,200	6450 13,900	*7450 *16,450	5550 12,200	10 040 32'11"
0 mm 0'0"	kg lb	*12 400 *29,250	*12 400 *29,250	*14 400 *31,200	11 000 23,750	*11 350 *24,550	8150 17,500	*9000 *19,350	6350 13,700	*7500 *16,500	5700 12,500	9830 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,550	*15 850 *34,550	*12 950 *28,050	10 950 23,600	*10 300 *22,150	8100 17,400	*7700 *16,250	6350 13,750	*6750 *14,800	6050 13,400	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,850	*12 400 *26,850	*10 500 *22,600	*10 500 *22,600	*8200 *17,350	8150 *17,350			*5600 *12,200	*5600 *12,200	8660 28'03"



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 $\pm 5\%$ for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

3.9 m (12'10")
R3.9DB w/AUX



600 mm (24") HD Triple Grouser Shoes
(Long Narrow Undercarriage)
2390 mm (7.8 ft)



4040 mm (13.3 ft)



		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				mm ft/in
																
12 000 mm 40'0"	kg lb													*10 950	*10 950	3890
10 500 mm 35'0"	kg lb					*9800 *20,100	*9800 *20,100							*7600 *17,150	*7600 *17,150	6590 20'10"
9000 mm 30'0"	kg lb					*9750 *21,600	*9750 *21,600	*9150 *19,050	8250 17,600					*6450 *14,400	*6450 *14,400	8180 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	8300 17,800	*7700 *14,000	6050 12,850			*5900 *13,100	5700 12,700	9260 30'01"
6000 mm 20'0"	kg lb			*8650 *18,950	*8650 *18,950	*9900 *21,750	*9900 *21,750	*10 100 *21,950	8100 17,450	*9000 *19,600	6050 12,900			*5650 *12,450	4950 11,000	10 000 32'08"
4500 mm 15'0"	kg lb			*15 050 *31,150	*15 050 *31,150	*12 750 *27,600	10 950 23,600	*10 600 *23,050	7800 16,850	*9200 *19,950	5900 12,650			*5550 *12,200	4550 10,050	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,750	15 450 33,400	*13 900 *30,100	10 300 22,150	*11 200 *24,200	7450 16,100	9400 20,200	5700 12,250	7400 *13,450	4500 9,600	*5600 *12,250	4350 9,500	10 720 35'01"
1500 mm 5'0"	kg lb			*14 650 *35,600	14 400 31,050	*14 650 *31,700	9700 20,950	*11 550 *24,950	7150 15,400	9200 19,800	5550 11,900	7350 *14,800	4400 9,450	*5750 *12,650	4250 9,350	10 750 35'02"
0 mm 0'0"	kg lb			*13 600 *31,850	*13 600 29,950	*14 550 *31,550	9350 20,150	*11 450 *24,750	6900 14,900	9050 19,500	5400 11,600	*6900	4350	*6100 *13,350	4350 9,550	10 560 34'07"
-1500 mm -5'0"	kg lb	*7750 *17,650	*7750 *17,650	*17 400 *37,800	13 850 29,750	*13 600 *29,400	9200 19,800	*10 750 *23,150	6800 14,650	*8450 *18,050	5350 11,500			*6300 *13,800	4600 10,150	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 450 *30,600	*13 450 *30,600	*14 400 *31,200	13 950 30,050	*11 650 *25,150	9200 19,850	*9200 *19,650	6800 14,700	*6650 *13,750	5400 11,650			*5400 *11,750	5100 11,300	9480 30'11"
-4500 mm -15'0"	kg lb					*8550 *18,100	*8550 *18,100	*6350 *13,050	*6350 *13,050					*5500 *12,400	*5500 *12,400	7940 25'05"



ISO 10567:2007



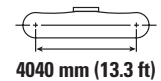
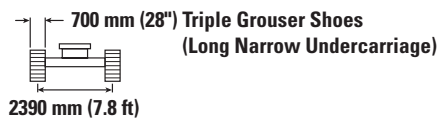
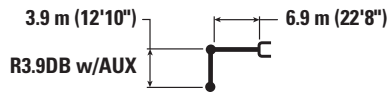
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

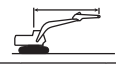
Lift capacity stays with ±5% for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 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"		10 500 mm/35'0"				mm ft/in
																
12 000 mm 40'0"	kg lb													*10 950	*10 950	3890
10 500 mm 35'0"	kg lb					*9800 *20,100	*9800 *20,100							*7600 *17,150	*7600 *17,150	6590 20'10"
9000 mm 30'0"	kg lb					*9750 *21,600	*9750 *21,600	*9150 *19,050	8200 17,500					*6450 *14,400	*6450 *14,400	8180 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	8250 17,700	*7700 *14,000	6000 12,750			*5900 *13,100	5650 12,650	9260 30'01"
6000 mm 20'0"	kg lb			*8650 *18,950	*8650 *18,950	*9900 *21,750	*9900 *21,750	*10 100 *21,950	8050 17,350	*9000 *19,600	6000 12,850			*5650 *12,450	4950 10,950	10 000 32'08"
4500 mm 15'0"	kg lb			*15 050 *31,150	*15 050 *31,150	*12 750 *27,600	10 850 23,450	*10 600 *23,050	7750 16,700	*9200 *19,950	5850 12,550			*5550 *12,200	4500 9,950	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,750	15 350 33,200	*13 900 *30,100	10 200 22,050	*11 200 *24,200	7400 16,000	9350 20,050	5650 12,200	7350 *13,450	4450 9,500	*5600 *12,250	4300 9,450	10 720 35'01"
1500 mm 5'0"	kg lb			*14 650 *35,600	14 300 30,850	*14 650 *31,700	9650 20,800	*11 550 *24,950	7100 15,300	9150 19,650	5500 11,800	7300 *14,800	4350 9,400	*5750 *12,650	4250 9,300	10 750 35'02"
0 mm 0'0"	kg lb			*13 600 *31,850	*13 600 29,750	*14 550 *31,550	9300 20,000	*11 450 *24,750	6850 14,800	9000 19,350	5350 11,500	*6900	4350	*6100 *13,350	4300 9,500	10 560 34'07"
-1500 mm -5'0"	kg lb	*7750 *17,650	*7750 *17,650	*17 400 *37,800	13 750 29,550	*13 600 *29,400	9150 19,650	*10 750 *23,150	6750 14,550	*8450 *18,050	5300 11,400			*6300 *13,800	4550 10,050	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 450 *30,600	*13 450 *30,600	*14 400 *31,200	13 850 29,850	*11 650 *25,150	9150 19,700	*9200 *19,650	6750 14,600	*6650 *13,750	5350 11,600			*5400 *11,750	5050 11,200	9480 30'11"
-4500 mm -15'0"	kg lb					*8550 *18,100	*8550 *18,100	*6350 *13,050						*5500 *12,400	*5500 *12,400	7940 25'05"



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 $\pm 5\%$ for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

3.2 m (10'6")
R3.2DB w/AUX

600 mm (24") HD Triple Grouser Shoes
(Long Narrow Undercarriage)
2390 mm (7.8 ft)

4040 mm (13.3 ft)

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
10 500 mm 35'0"	kg lb	*13 150 *28,250	*13 150 *28,250							*10 250 *23,350	*10 250 *23,350	5350 16'07"
9000 mm 30'0"	kg lb			*11 800 *25,950	11 700 25,050					*8400 *18,700	*8400 *18,700	7230 23'02"
7500 mm 25'0"	kg lb			*11 850 *25,750	11 650 25,050	*10 500 *22,950	8150 17,450			*7600 *16,800	6650 14,850	8430 27'04"
6000 mm 20'0"	kg lb	*12 850 *27,750	*12 850 *27,750	*12 500 *27,100	11 300 24,350	*10 700 *23,300	8000 17,250	*9500 *17,400	5950 12,700	*7250 *15,950	5650 12,600	9240 30'01"
4500 mm 15'0"	kg lb	*17 850 *38,400	16 400 35,400	*13 550 *29,300	10 750 23,200	*11 150 *24,150	7750 16,700	*9550 20,550	5850 12,600	*7100 *15,650	5150 11,350	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	10 150 21,900	*11 550 *25,050	7450 16,050	9400 20,200	5700 12,300	*7200 *15,850	4850 10,700	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	9650 20,850	*11 700 *25,350	7150 15,450	9250 19,900	5600 12,000	*7450 *16,450	4800 10,550	10 040 32'11"
0 mm 0'0"	kg lb	*12 350 *29,150	*12 350 *29,150	*14 400 *31,200	9400 20,300	*11 350 *24,550	7000 15,100	*9000 *19,350	5500 11,850	*7500 *16,500	4900 10,800	9840 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,600	14 100 30,350	*12 950 *28,100	9350 20,150	*10 300 *22,200	6950 14,950	*7750 *16,300	5500 11,850	*6750 *14,850	5250 11,550	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,950	*12 400 *26,950	*10 550 *22,650	9450 20,350	*8200 *17,450	7000 15,150			*5600 *12,200	*5600 *12,200	8660 28'03"



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 $\pm 5\%$ for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

Straight Boom Lift Capacities – Counterweight: 9.0 mt (19,800 lb) – without Bucket, Heavy Lift: On

3.2 m (10'6")
R3.2DB w/AUX

700 mm (28") Triple Grouser Shoes
(Long Narrow Undercarriage)
2390 mm (7.8 ft)

4040 mm (13.3 ft)

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				mm ft/in
10 500 mm 35'0"	kg lb	*13 150 *28,250	*13 150 *28,250							*10 250 *23,350	*10 250 *23,350	5350 16'07"
9000 mm 30'0"	kg lb			*11 800 *25,950	11 650 24,950					*8400 *18,700	*8400 *18,700	7230 23'02"
7500 mm 25'0"	kg lb			*11 850 *25,750	11 600 24,900	*10 500 *22,950	8100 17,350			*7600 *16,800	6600 14,750	8430 27'04"
6000 mm 20'0"	kg lb	*12 850 *27,750	*12 850 *27,750	*12 500 *27,100	11 250 24,200	*10 700 *23,300	7950 17,100	*9500 *17,400	5900 12,650	*7250 *15,950	5650 12,500	9240 30'01"
4500 mm 15'0"	kg lb	*17 850 *38,400	16 300 35 200	*13 550 *29,300	10 700 23,050	*11 150 *24,150	7700 16,600	9500 20,400	5850 12,500	*7100 *15,650	5100 11,250	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	10 100 21,750	*11 550 *25,050	7400 15,950	9350 20,100	5700 12,200	*7200 *15,850	4850 10,650	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	9600 20,750	*11 700 *25,350	7100 15,350	9200 19,750	5550 11,950	*7450 *16,450	4750 10,450	10 040 32'11"
0 mm 0'0"	kg lb	*12 350 *29,150	*12 350 *29,150	*14 400 *31,200	9350 20,150	*11 350 *24,550	6950 14,950	*9000 *19,350	5450 11,750	*7500 *16,500	4850 10,700	9840 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,600	14 000 30,150	*12 950 *28,100	9300 20,000	*10 300 *22,200	6900 14,850	*7750 *16,300	5450 11,800	*6750 *14,850	5200 11,450	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,950	*12 400 *26,950	*10 550 *22,650	9400 20,250	*8200 *17,450	6950 15,050			*5600 *12,200	*5600 *12,200	8660 28'03"



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 $\pm 5\%$ for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

Typical Pass Match Guide

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

Configuration:*

Long Narrow undercarriage, Straight boom, R3.2DB (10'6") stick, GD 2.27 m³ (2.97 yd³) bucket, 600 mm (24") Heavy Duty (HD) triple grouser shoes, and 9.0 mt (19,800 lb) counterweight.

Passes Required to Fill Trucks to Rated Capacity

Material Type	Material Density	Cat Articulated Trucks							Cat Off-Highway Trucks				
		725	730 EJ	730	735	740 GC	740 EJ	745	770G	772G	773E	773G	775G
Earth	1600 kg/m ³ (2,700 lb/yd ³)	6-7	8	7-8	9	10	10	11	11	13	15	15	18
Limestone	1540 kg/m ³ (2,600 lb/yd ³)	8	9	9	10	12	12	13	12	15	18	18	

* The indicated pass match reflects the machine configuration, fill factor, and typical material density shown. Changes to machine configurations, fill factors, or material density as well as jobsite-specific factors may influence exact pass match recommendations for your application. Consult your Cat dealer for more information.

Configuration:*

Long Wide undercarriage, Straight boom, R3.9DB (12'10") stick, GD 2.27 m³ (2.97 yd³) bucket, and 700 mm (28") triple grouser shoes, 9.0 mt (19,800 lb) counterweight.

Passes Required to Fill Trucks to Rated Capacity

Material Type	Material Density	Cat Articulated Trucks							Cat Off-Highway Trucks				
		725	730 EJ	730	735	740 GC	740 EJ	745	770G	772G	773E	773G	775G
Earth	1600 kg/m ³ (2,700 lb/yd ³)	6-7	8	7-8	9	10	10	11	11	13	15	15	18
Limestone	1540 kg/m ³ (2,600 lb/yd ³)	8	9	9	10	12	12	13	12	15	18	18	

* The indicated pass match reflects the machine configuration, fill factor, and typical material density shown. Changes to machine configurations, fill factors, or material density as well as jobsite-specific factors may influence exact pass match recommendations for your application. Consult your Cat dealer for more information.

340 Straight Boom Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Europe

Undercarriage									Long Wide		Long Narrow		
Counterweight									9.0 mt (19,800 lb)		9.0 mt (19,800 lb)		
	Linkage	Width		Capacity		Weight		Fill	Straight Boom		Straight Boom		
		mm	in	m³	yd³	kg	lb	%	R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")	
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	○	⊖	○	⊖	
	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	⊖	⊙	○	⊖	
								Maximum load with pin-on (payload + bucket)		kg	4700	5388	4271
									lb	10,362	11,879	9,416	10,836
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	◇	○	◇	○	
	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	◇	○	X	◇	
Severe Duty	DB	1650	66	2.15	2.81	1802	3,972	90	◇	⊖	◇	○	
								Maximum load with coupler (payload + bucket)		kg	4002	4690	3573
									lb	8,824	10,340	7,878	9,298

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

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.

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340 Straight Boom Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Europe (continued)

Undercarriage									Long Wide		Long Narrow	
Counterweight									9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
	Linkage	Width		Capacity		Weight		Fill	Straight Boom		Straight Boom	
		mm	in	m³	yd³	kg	lb	%	R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
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	◇	◯	X	◇
Maximum load with coupler (payload + bucket)								kg	4225	4913	3796	4440
								lb	9,531	11,003	8,578	9,952
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	◯	⊖	◇	◯
Maximum load with coupler (payload + bucket)								kg	4255	4943	3826	4470
								lb	9,381	10,897	8,435	9,855

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)

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

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 Straight Boom Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America

Undercarriage									Long Wide	
Counterweight									9.0 mt (19,800 lb)	
	Linkage	Width		Capacity		Weight		Fill	Straight Boom	
		mm	in	m³	yd³	kg	lb	%	R3.9 (12'10")	R3.2 (10'6")
Pin-On (No Quick Coupler)										
General Duty Capacity	DB	750	30	0.94	1.23	960	2,115	100	●	●
	DB	900	36	1.19	1.56	1050	2,314	100	●	●
	DB	1050	42	1.46	1.91	1160	2,556	100	●	●
	DB	1200	48	1.73	2.26	1246	2,746	100	●	●
	DB	1350	54	2.00	2.62	1358	2,994	100	⊖	●
	DB	1500	60	2.27	2.97	1470	3,240	100	○	⊙
DB	1650	66	2.55	3.33	1556	3,430	100	○	⊖	
General Duty Capacity – Wide Tip	DB	800	32	1.18	1.54	1040	2,292	100	●	●
	DB	950	38	1.49	1.95	1135	2,502	100	●	●
	DB	1100	44	1.46	1.91	1158	2,552	100	●	●
	DB	1250	50	1.73	2.26	1243	2,739	100	●	●
	DB	1400	56	2.00	2.62	1355	2,987	100	⊖	●
	DB	1550	62	2.27	2.97	1468	3,236	100	○	⊙
Heavy Duty	DB	750	30	0.73	0.95	1033	2,277	100	●	●
	DB	900	36	0.95	1.24	1181	2,603	100	●	●
	DB	1050	42	1.17	1.54	1271	2,802	100	●	●
	DB	1200	48	1.40	1.84	1403	3,093	100	●	●
	DB	1350	54	1.64	2.14	1499	3,304	100	⊙	●
	DB	1500	60	1.88	2.46	1630	3,593	100	⊖	●
	DB	1650	66	2.12	2.77	1762	3,883	100	○	⊙
	DB	1800	72	2.36	3.08	1859	4,097	100	○	⊖
Heavy Duty – Power	DB	900	36	0.95	1.24	1175	2,590	100	●	●
	DB	1200	48	1.40	1.83	1408	3,104	100	●	●
	DB	1350	54	1.63	2.13	1505	3,318	100	⊙	●
	DB	1500	60	1.86	2.43	1642	3,620	100	⊖	●
Severe Duty	DB	750	30	0.73	0.95	1088	2,398	90	●	●
	DB	900	36	0.95	1.24	1241	2,735	90	●	●
	DB	1050	42	1.17	1.54	1338	2,949	90	●	●
	DB	1200	48	1.40	1.83	1478	3,258	90	●	●
	DB	1350	54	1.64	2.14	1581	3,485	90	●	●
Extreme Duty	DB	1200	48	1.40	1.83	1621	3,573	90	●	●
Maximum load with pin-on (payload + bucket)								kg	4700	5388
								lb	10,362	11,879

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)

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

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 Straight Boom Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America *(continued)*

Undercarriage									Long Wide	
Counterweight									9.0 mt (19,800 lb)	
	Linkage	Width		Capacity		Weight		Fill	Straight Boom	
		mm	in	m³	yd³	kg	lb	%	R3.9 (12'10")	R3.2 (10'6")
With Cat Pin Grabber Coupler										
General Duty Capacity	DB	750	30	0.94	1.23	960	2,115	100	●	●
	DB	900	36	1.19	1.56	1050	2,314	100	●	●
	DB	1050	42	1.46	1.91	1160	2,556	100	⦿	●
	DB	1200	48	1.73	2.26	1246	2,746	100	⊖	⦿
	DB	1350	54	2.00	2.62	1358	2,994	100	○	⊖
	DB	1500	60	2.27	2.97	1470	3,240	100	◇	○
General Duty Capacity – Wide Tip	DB	800	32	1.18	1.54	1040	2,292	100	●	●
	DB	950	38	1.49	1.95	1135	2,502	100	⦿	●
	DB	1100	44	1.46	1.91	1158	2,552	100	⦿	●
	DB	1250	50	1.73	2.26	1243	2,739	100	⊖	⦿
	DB	1400	56	2.00	2.62	1355	2,987	100	○	⊖
	DB	1550	62	2.27	2.97	1468	3,236	100	◇	○
Heavy Duty	DB	750	30	0.73	0.95	1033	2,277	100	●	●
	DB	900	36	0.95	1.24	1181	2,603	100	●	●
	DB	1050	42	1.17	1.54	1271	2,802	100	●	●
	DB	1200	48	1.40	1.84	1403	3,093	100	⦿	●
	DB	1350	54	1.64	2.14	1499	3,304	100	⊖	⦿
	DB	1500	60	1.88	2.46	1630	3,593	100	○	⊖
	DB	1650	66	2.12	2.77	1762	3,883	100	◇	○
	DB	1800	72	2.36	3.08	1859	4,097	100	◇	○
Heavy Duty – Power	DB	900	36	0.95	1.24	1175	2,590	100	●	●
	DB	1200	48	1.40	1.83	1408	3,104	100	⦿	●
	DB	1350	54	1.63	2.13	1505	3,318	100	⊖	⦿
	DB	1500	60	1.86	2.43	1642	3,620	100	○	⊖
Heavy Duty – Pin Grabber Performance	DB	900	36	0.87	1.14	1209	2,665	100	●	●
	DB	1050	42	1.08	1.41	1312	2,892	100	●	●
	DB	1200	48	1.29	1.69	1442	3,179	100	⦿	●
	DB	1350	54	1.50	1.96	1544	3,404	100	⊖	●
	DB	1500	60	1.72	2.25	1681	3,706	100	○	⦿
	DB	1650	66	1.93	2.52	1819	4,009	100	◇	⊖
Severe Duty	DB	750	30	0.73	0.95	1088	2,398	90	●	●
	DB	900	36	0.95	1.24	1241	2,735	90	●	●
	DB	1050	42	1.17	1.54	1338	2,949	90	●	●
	DB	1200	48	1.40	1.83	1478	3,258	90	●	●
	DB	1350	54	1.64	2.14	1581	3,485	90	⊖	●
Severe Duty – Pin Grabber Performance	DB	750	30	0.68	0.88	1095	2,413	90	●	●
	DB	900	36	0.87	1.14	1272	2,804	90	●	●
	DB	1200	48	1.29	1.69	1520	3,351	90	●	●
	DB	1350	54	1.50	1.96	1628	3,589	90	⦿	●
Extreme Duty	DB	1200	48	1.40	1.83	1621	3,573	90	⦿	●
Maximum load with coupler (payload + bucket)								kg	4002	4690
								lb	8,824	10,340

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)

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

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 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – Europe

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



Match



* Working range front only



No Match

PIN-ON ATTACHMENTS

Undercarriage		Long Wide		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
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	✓	✓	✓	✓
	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	✓	✓	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

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

☒ Match
 ☐ No Match
 ☒ 1800 kg/m³ (3,000 lb/yd³)
 ☐ 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Long Wide		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
Orange Peel Grapples	GSH440-950	●	●	●	●
	GSH440-1150	●	●	●	●
	GSH440-1550	○	●	○	○
	GSH455-1000	●	●	○	●
	GSH455-1500	○	○		○
	GSH455-2000		○		
	GSH555-1000	○	●		○
	GSH555-1500		○		
	GSM-50-1000	○	●		○
	GSM-50-1250		○		○
	GSM-50-1500		○		
Clamshell Grapples	CTV20-1300	●	●	●	●
	CTV20-1500	●	●	○	●
	CTV20-1700	○	●	○	○
	CTV20-1900	○	○	○	○
	CTV20-2300		○		
	CTV30-1700	○	○		○
	CTV30-1900		○		
Rotary Cutters	RC30	✓	✓	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – Europe *(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		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓*	✓
	H180 GC 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 Universal Jaw Flat Top		✓		
Demolition and Sorting Grapples	G332	✓	✓	✓*	✓
	G345		✓		✓*
	G345 Flat Top		✓		
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓		✓
Pulverizers	P332 Primary Pulverizer		✓		✓*
	P332 Primary Pulverizer Flat Top		✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – Europe *(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-45s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC 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 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	✓	✓	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – Europe (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		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
Multi-Processors	MP332 Concrete Cutter Jaw	✓	✓	✓*	✓
	MP332 Demolition Jaw	✓	✓		✓
	MP332 Pulverizer Jaw	✓*	✓		✓
	MP332 Shear Jaw	✓	✓	✓*	✓
	MP332 Tank Shear Jaw		✓		✓*
	MP332 Universal Jaw	✓*	✓		✓
Demolition and Sorting Grapples	G332	✓	✓	✓	✓
	G345	✓	✓		✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓	✓*	✓
Pulverizers	P332 Primary Pulverizer	✓	✓		✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC30	✓	✓	✓	✓

S80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Wide		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
Hydraulic Hammers	H140 GC S	✓	✓	✓	✓
	H140 S	✓	✓	✓	✓
	H160 GC S	✓	✓	✓	✓
	H160 S	✓	✓	✓*	✓
Multi-Processors	MP332 Concrete Cutter Jaw Flat Top		✓		✓
	MP332 Demolition Flat Top		✓		✓*
	MP332 Pulverizer Jaw Flat Top		✓		✓*
	MP332 Shear Jaw Flat Top	✓*	✓		✓
	MP332 Universal Jaw Flat Top		✓		✓*
Demolition and Sorting Grapples	G332	✓	✓	✓	✓
	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	✓	✓	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – Europe *(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 COUPLER ATTACHMENTS

Undercarriage		Long Wide		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight Boom		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	R3.2 (10'6")
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 Universal Jaw Flat Top		✓		✓*
Demolition and Sorting Grapples	G332	✓	✓	✓*	✓
	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 ATTACHMENTS

Undercarriage		Long Wide		Long Narrow	
Counterweight		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Boom Type		Straight		Straight	
Mobile Scrap and Demolition Shears	S2070		✓		✓
	S2090		✓		✓
	S3070 Flat Top		✓		✓

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – North America

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		Long Wide	
Counterweight		9.0 mt (19,800 lb)	
Boom Type		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")
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	✓	✓
	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	✓	✓
Mulchers	HM5515	✓	✓
	HM6015	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – North America *(continued)*

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

☒ Match
 ☐ No Match
 ☒ 1800 kg/m³ (3,000 lb/yd³)
 ☐ 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Long Wide	
Counterweight		9.0 mt (19,800 lb)	
Boom Type		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")
Orange Peel Grapples	GSH440-950	●	●
	GSH440-1150	●	●
	GSH440-1550	○	●
	GSH455-1000	●	●
	GSH455-1500	○	○
	GSH455-2000		○
	GSH555-1000	○	●
	GSH555-1500		○
Clamshell Grapples	CTV20-1500	○	●
	CTV20-2300		○
	CTV30-1900		○
Rotary Cutters	RC30	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – North America *(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		9.0 mt (19,800 lb)	
Boom Type		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")
Hydraulic Hammers	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 GC 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 Universal Jaw Flat Top		✓
Demolition and Sorting Grapples	G332	✓	✓
	G345		✓
	G345 Flat Top		✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓
Pulverizers	P332 Primary Pulverizer		✓
	P332 Primary Pulverizer Flat Top		✓
Mulchers	HM5515	✓	✓
	HM6015	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC30	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – North America *(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		9.0 mt (19,800 lb)	
Boom Type		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")
Hydraulic Hammers	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
Multi-Processors	MP332 Concrete Cutter Jaw Flat Top		✓
	MP332 Demolition Jaw Flat Top		✓
	MP332 Pulverizer Flat Top		✓
	MP332 Shear Jaw Flat Top	✓*	✓
	MP332 Universal Jaw Flat Top		✓
Demolition and Sorting Grapples	G332	✓	✓
	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	✓	✓

(continued on next page)

340 Straight Boom Hydraulic Excavator Specifications

Attachments Offering Guide – North America *(continued)*

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

☒ Match ☐ No Match

HCS80 COUPLER ATTACHMENTS

Undercarriage		Long Wide	
Counterweight		9.0 mt (19,800 lb)	
Boom Type		Straight Boom	
Stick Length		R3.9 (12'10")	R3.2 (10'6")
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 Universal Jaw Flat Top		✓
Demolition and Sorting Grapples	G332	✓	✓
	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 ATTACHMENTS

Undercarriage		Long Wide	
Counterweight		9.0 mt (19,800 lb)	
Boom Type		Straight	
Mobile Scrap and Demolition Shears	S2070	✓	
	S2090	✓	
	S3070 Flat Top	✓	

340 Straight Boom 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		
6.9 m (22'8") Straight boom	✓		Maintenance-free 1,000 CCA batteries	✓	
3.2 m (10'6") Reach stick		✓	Centralized electrical disconnect switch	✓	
3.9 m (12'10") Reach stick		✓	LED chassis light	✓	
Bucket linkage, DB family with lifting eye	✓		1,800 lumen LED premium surround lights		✓
CAB			ENGINE		
Sound suppressed ROPS cab with viscount mounts	✓		Cold start block heater		✓
High-resolution 254 mm (10") LCD touchscreen monitor	✓		Three selectable modes: Power, Smart, Eco	✓	
Automatic bi-level air conditioner	✓		Automatic engine speed control	✓	
Jog dial and shortcut keys for monitor control	✓		Up to 3300 m (10,830 ft) altitude capability	✓	
Keyless push-to-start engine control	✓		52° C (126° F) high-ambient cooling	✓	
Height-adjustable console	✓		Hydraulic reversing fan		✓
Heated seat with air-adjustable suspension	✓		-18° C (0° F) cold start capability	✓	
Tilt-up left-side console	✓		-32° C (-25° F) cold start capability		✓
Cat® Stick Steer	✓		Double element air filter with integrated pre-cleaner	✓	
Bluetooth® integrated radio (including USB, aux port and microphone)	✓		HYDRAULIC SYSTEM		
2 × 12V DC outlets	✓		SmartBoom™ – Europe only (not compatible with 2D Cat grade control, Cat Production Measurement (CPM) and E-Fence)	✓	
Document storage	✓		Boom and stick regeneration circuit	✓	
Cup and bottle holders	✓		Electronic main control valve	✓	
Openable two-piece front window	✓		Heavy lift mode	✓	
Fixed one-piece P5A tempered front window	✓		Automatic hydraulic oil warmup	✓	
Parallel wipers with washers	✓		Reverse swing damping valve	✓	
Intermittent roof wiper with washers	✓		Automatic swing parking brake	✓	
P5A glazed front windshield with top hatch	✓		High performance hydraulic return filter	✓	
LED dome and lower interior lights	✓		Two speed travel	✓	
Roller front screen	✓		Bio hydraulic oil capability	✓	
Roller rear sunscreen		✓	Combined two-way auxiliary circuit with direct return filter	✓	
Rear window emergency exit	✓		Medium-pressure auxiliary circuit	✓	
Washable floor mat	✓		Quick coupler circuit for Cat Pin Grabber and CW Dedicated	✓	
Beacon ready	✓				
Auxiliary relay	✓				

(continued on next page)

340 Straight Boom Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
SAFETY AND SECURITY			CAT TECHNOLOGY		
Cat Command (remote control)		✓	Cat Equipment Management:		
2D E-Fence:	✓		– VisionLink™	✓ ¹	
– E-ceiling			– Remote Flash	✓	
– E-floor			– Remote Troubleshoot	✓	
– E-swing			– Work tool recognition and tracking (PL161)	✓	
– E-wall			Cat Grade:		
– E-cab avoidance			– Cat Grade with 2D	✓	
Auto hammer stop	✓		– Cat Grade with 2D with Attachment Ready Option (ARO)		✓
Caterpillar One Key security system	✓		– Laser catcher		✓
Lockable external tool/storage box	✓		– Cat Grade with 3D (single or dual Global Navigation Satellite System [GNSS])		✓
Lockable door, fuel, and hydraulic tank locks	✓		– Compatible with 3D grade systems from Trimble, Topcon, and Leica	✓	
Lockable fuel drain compartment	✓		– Cat Grade 3D Ready		✓
Service platform with anti-skid plate and recessed bolts	✓		Cat Payload:		
Right Hand (RH) handrail and handhold	✓		– On-the-go weighing	✓	
Standard visibility mirror package	✓		– Semiautomatic calibration	✓	
Signaling/warning horn	✓		– Payload/cycle information	✓	
Travel alarm – North America standard; Europe optional	✓	✓	– VisionLink back office reporting		✓ ²
Swing alarm		✓	Cat Advanced Payload:		
Ground-level secondary engine shutoff switch	✓		– Daily totals		✓
Lockable disconnect switch	✓		– Custom lists		✓
Boom lowering check valve	✓		– Smart weight target		✓
Stick lowering check valve	✓		– E-ticket Integration		✓ ²
Rear and right-hand-sideview cameras	✓		UNDERCARRIAGE AND STRUCTURES		
360° visibility		✓	Long undercarriage		✓
SERVICE AND MAINTENANCE			Long Narrow undercarriage		✓
Integrated vehicle health management system	✓		Towing eye on base frame	✓	
Grouped location for engine oil and fuel filters	✓		Full-length track guiding guards	✓	
S-O-S SM ports	✓		Swivel guard	✓	
QuickEvac™ maintenance ready		✓	Bottom guard	✓	
Electric refueling pump with auto shutoff – Europe only		✓	Travel motor guard	✓	
			Grease lubricated track	✓	
			HD swing frame	✓	
			9.0 mt (19,800 lb) counterweight	✓	
			600 mm (24") HD triple grouser track shoes		✓
			700 mm (28") triple grouser track shoes		✓
			850 mm (33") triple grouser track shoes		✓

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.

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
- Side rubber bumpers
- Operator Protective Guards
- Vandalism guard
- Full mesh net guard
- Lower mesh net guard
- Bluetooth key fob
- Cat Command remote control
- 1,800 lumen LED premium surround lights
- Duct ready kit for advanced cab filtration

340 Straight Boom 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.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with 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) fuelsRefer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.
 - * While Cat engines are compatible with these alternative fuels, some regions may not allow their use.
 - ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.
 - *** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
 - If equipped with R134a (Global Warming Potential = 1430), the system contains 1.000 kg (2.205 lb.) of refrigerant, which has a CO₂ equivalent of 1.430 metric tonnes (1.576 tons).
 - If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.790 kg (1.742 lb.) of refrigerant, which has a CO₂ equivalent of 0.001 metric tonnes (0.001 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

Sound Performance

ISO 6395:2008 (external) – 106 dB(A)

ISO 6396:2008 (inside cab) – 73 dB(A)

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - 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
 - Increase operating efficiency with Cat technologies that help lower operator fatigue and operating costs.
 - 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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