



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) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (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	
Swing Torque	143 kN·m	10,741 lbf·ft

Weights

Operating Weight	39 800 kg	87,800 lb
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- Long undercarriage, Straight boom, R3.9DB (12'10") stick, GD 2.27 m³ (2.97 yd³) bucket, 700 mm (28") triple grouser shoes, and 9.0 mt (19,800 lb) counterweight.

Operating Weight	39 800 kg	87,800 lb
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- Long undercarriage, Straight boom, R3.2DB (10'6") stick, GD 2.27 m³ (2.97 yd³) bucket, 600 mm (24") HD triple grouser shoes, and 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)

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

Air Conditioning System

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

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 Undercarriage Base Machine						
Straight Boom + R3.9 m DB (12'10") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	40 100 (88,400)	74.7 (10.8)	39 800 (87,800)	63.6 (9.2)	40 700 (89,600)	53.5 (7.8)
Straight Boom + R3.2 m DB (10'6") Stick + 2.27 m ³ (2.97 yd ³) GD Bucket	39 900 (88,000)	74.4 (10.8)	39 600 (87,400)	63.3 (9.2)	40 500 (89,200)	53.2 (7.7)
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)	—	—

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

340 Straight Boom Hydraulic Excavator Specifications

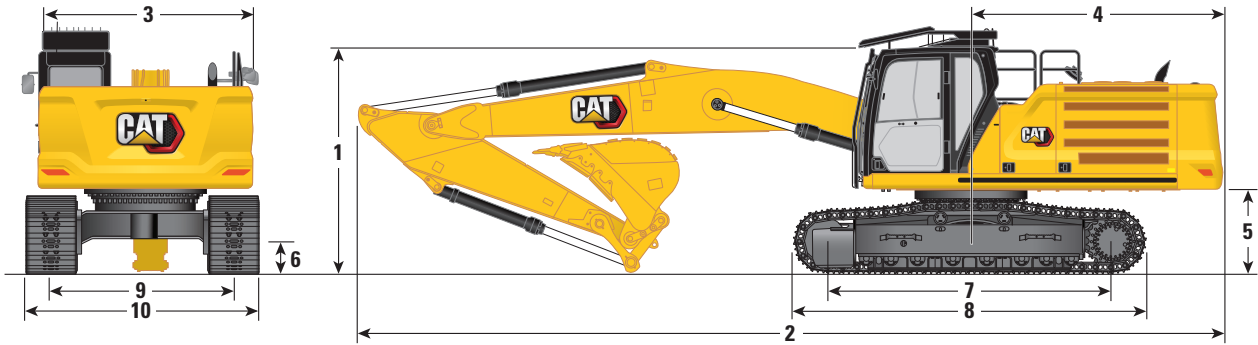
Major Component Weights

	kg	lb
Base machine with 9.0 mt (19,800 lb) counterweight, 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 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 Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8580	18,910
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

340 Straight Boom Hydraulic Excavator Specifications

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")

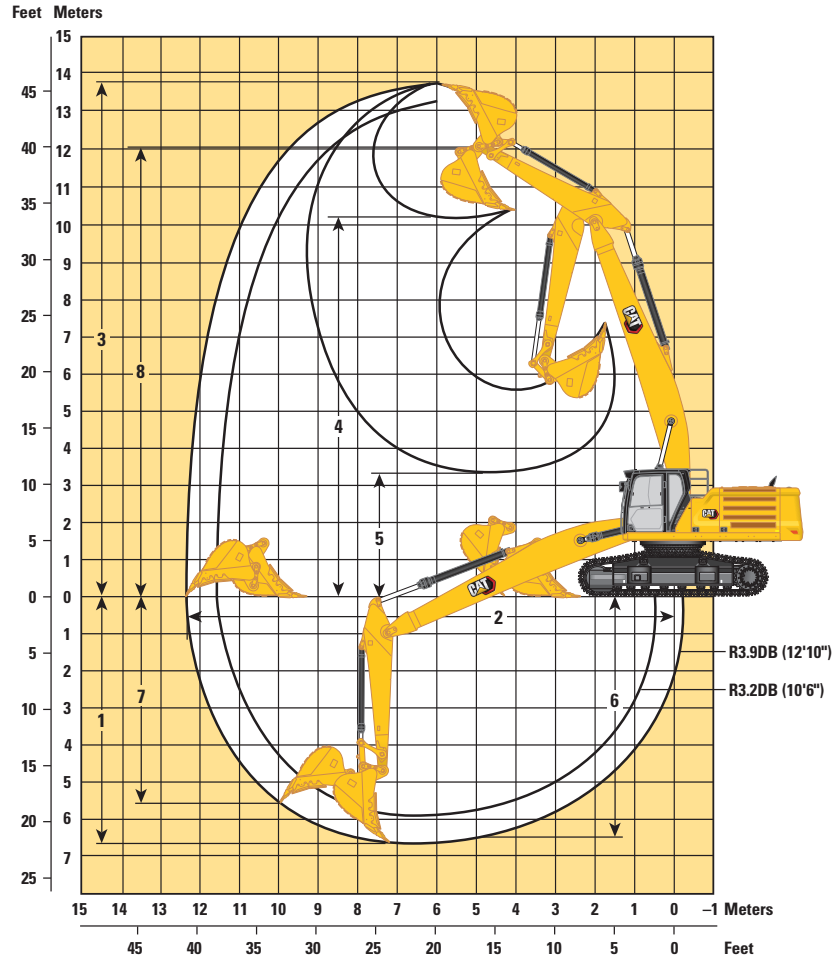
	R3.9DB (12'10")		R3.2DB (10'6")	
1 Machine Height:				
Cab Height	3360 mm	11'0"	3360 mm	11'0"
OPG Height	3500 mm	11'6"	3500 mm	11'6"
Handrail Height	3170 mm	10'5"	3170 mm	10'5"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3740 mm	12'3"	3330 mm	10'11"
With Boom/Stick Installed (with auxiliary lines)	3740 mm	12'3"	3330 mm	10'11"
With Boom Installed (with auxiliary lines)	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"
With Boom/Stick Installed (with auxiliary lines)	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"
3 Upperframe Width without Walkways	2970 mm	9'9"	2970 mm	9'9"
4 Tail Swing Radius	3530 mm	11'7"	3530 mm	11'7"
5 Counterweight Clearance	1250 mm	4'1"	1250 mm	4'1"
6 Ground Clearance	520 mm	1'8"	520 mm	1'8"
7 Length to Center of Rollers	4040 mm	13'3"	4040 mm	13'3"
8 Track Length	5030 mm	16'6"	5030 mm	16'6"
9 Track Gauge:				
Long Undercarriage	2590 mm	8'6"	2590 mm	8'6"
Long Narrow Undercarriage*	2390 mm	7'10"	2390 mm	7'10"
10 Track Width:				
600 mm (24") Shoes (long undercarriage)	3190 mm	10'6"	3190 mm	10'6"
700 mm (28") Shoes (long undercarriage)	3290 mm	10'10"	3290 mm	10'10"
850 mm (33") Shoes (long undercarriage)	3440 mm	11'3"	3440 mm	11'3"
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)	3190 mm	10'6"	3190 mm	10'6"
700 mm (28") Shoes (long undercarriage)	3290 mm	10'10"	3290 mm	10'10"
850 mm (33") Shoes (long undercarriage)	3440 mm	11'3"	3440 mm	11'3"
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	
Bucket Capacity	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"

*Europe only

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

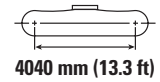
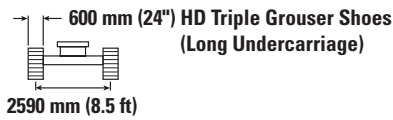
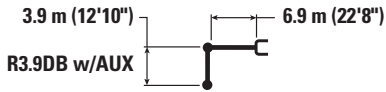
R3.9DB (12'10")

R3.2DB (10'6")

	R3.9DB (12'10")		R3.2DB (10'6")	
1 Maximum Digging Depth	6650 mm	21'10"	5950 mm	19'6"
2 Maximum Reach at Ground Line	12 350 mm	40'6"	11 640 mm	38'2"
3 Maximum Cutting Height	13 770 mm	45'2"	13 130 mm	43'1"
4 Maximum Loading Height	10 250 mm	33'8"	9600 mm	31'6"
5 Minimum Loading Height	3360 mm	11'0"	3980 mm	13'1"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6520 mm	21'5"	5800 mm	19'0"
7 Maximum Vertical Wall Digging Depth	5640 mm	18'6"	4990 mm	16'4"
8 Maximum Pin Height at Stick Nose	12 010 mm	39'5"	11 360 mm	37'3"
Bucket Type	GD		GD	
Bucket Capacity	2.27 m ³	2.97 yd ³	2.27 m ³	2.97 yd ³
Bucket Tip Radius	1762 mm	59"	1762 mm	59"

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	8900 18,950					*6450 *14,400	*6450 *14,400	8180 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	8900 19,150	*7700 *14,000	6500 13,850			*5900 *13,100	*5900 *13,100	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	8750 18,800	*9000 *19,600	6500 13,950			*5650 *12,450	5400 11,900	10 000 32'08"
4500 mm 15'0"	kg lb			*15 050 *31,150	*15 050 *31,150	*12 750 *27,600	11 850 25,500	*10 600 *23,050	8450 18,150	*9200 *19,950	6350 13,650			*5550 *12,200	4950 10,900	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,750	16 950 *36,550	*13 900 *30,100	11 150 24,050	*11 200 *24,200	8100 17,400	*9400 20,250	6150 13,250	7450 *13,450	4850 10,400	*5600 *12,250	4700 10,350	10 720 35'01"
1500 mm 5'0"	kg lb			*14 650 *35,600	*14 650 *34,100	*14 650 *31,700	10 550 22,800	*11 550 *24,950	7750 16,700	9250 19,850	6000 12,900	7350 *14,800	4800 10,300	*5750 *12,650	4650 10,200	10 750 35'02"
0 mm 0'0"	kg lb			*13 600 *31,850	*13 600 *31,850	*14 550 *31,550	10 200 21,950	*11 450 *24,750	7500 16,200	9100 19,550	5850 12,600	*6900	4750	*6100 *13,350	4700 10,400	10 560 34'07"
-1500 mm -5'0"	kg lb	*7750 *17,650	*7750 *17,650	*17 400 *37,800	15 250 32,800	*13 600 *29,400	10 050 21,600	*10 750 *23,150	7400 15,950	*8450 *18,050	5800 12,500			*6300 *13,800	5000 11,000	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 450 *30,600	*13 450 *30,600	*14 400 *31,200	*14 400 *31,200	*11 650 *25,150	10 050 21,700	*9200 *19,650	7400 16,000	*6650 *13,750	5850 12,650			*5400 *11,750	*5400 *11,750	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



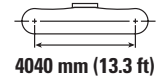
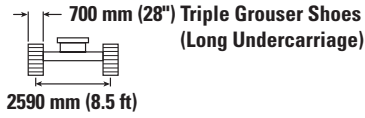
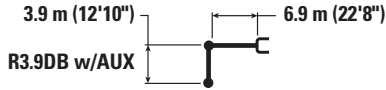
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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	8850 18,850					*6450 *14,400	*6450 *14,400	8180 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	8850 19,000	*7700 *14,000	6500 13,800			*5900 *13,100	*5900 *13,100	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	8700 18,700	*9000 *19,600	6450 13,850			*5650 *12,450	5350 11,850	10 000 32'08"
4500 mm 15'0"	kg lb			*15 050 *31,150	*15 050 *31,150	*12 750 *27,600	11 750 25,350	*10 600 *23,050	8400 18,050	*9200 *19,950	6300 13,550			*5550 *12,200	4900 10,800	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,750	16 850 36,300	*13 900 *30,100	11 100 23,900	*11 200 *24,200	8050 17,300	9350 20,150	6150 13,200	7400 *13,450	4800 10,350	*5600 *12,250	4650 10,250	10 720 35'01"
1500 mm 5'0"	kg lb			*14 650 *35,600	*14 650 *33,900	*14 650 *31,700	10 500 22,650	*11 550 *24,950	7700 16,600	9150 19,700	5950 12,800	7300 *14,800	4750 10,200	*5750 *12,650	4600 10,100	10 750 35'02"
0 mm 0'0"	kg lb			*13 600 *31,850	*13 600 *31,850	*14 550 *31,550	10 150 21,800	*11 450 *24,750	7450 16,100	9000 19,400	5800 12,500	*6900	4700	*6100 *13,350	4700 10,300	10 560 34'07"
-1500 mm -5'0"	kg lb	*7750 *17,650	*7750 *17,650	*17 400 *37,800	15 150 32,550	*13 600 *29,400	9950 21,500	*10 750 *23,150	7350 15,850	*8450 *18,050	5750 12,400			*6300 *13,800	4950 10,950	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 450 *30,600	*13 450 *30,600	*14 400 *31,200	*14 400 *31,200	*11 650 *25,150	10 000 21,550	*9200 *19,650	7350 15,850	*6650 *13,750	5800 12,600			*5400 *11,750	*5400 *11,750	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



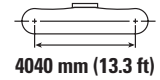
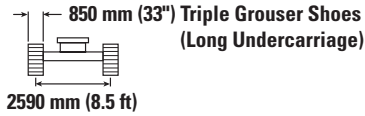
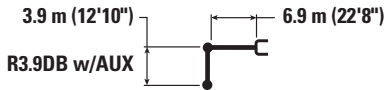
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Lift capacity stays with ±5% for all available track shoes.

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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													*10 950	*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	9000 *19,050					*6450 *14,400	*6450 *14,400	8180 26'05"
7500 mm 25'0"	kg lb					*9300 *20,650	*9300 *20,650	*9750 *21,400	9000 19,350	*7700 *14,000	6600 *14,000			*5900 *13,100	*5900 *13,100	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	8850 19,000	*9000 *19,600	6600 14,100			*5650 *12,450	5450 12,050	10 000 32'08"
4500 mm 15'0"	kg lb			*15 050 *31,150	*15 050 *31,150	*12 750 *27,600	11 950 25,750	*10 600 *23,050	8550 18,350	*9200 *19,950	6450 13,800			*5550 *12,200	5000 11,000	10 480 34'03"
3000 mm 10'0"	kg lb			*18 900 *40,750	17 100 36,950	*13 900 *30,100	11 300 24,350	*11 200 *24,200	8200 17,600	*9400 *20,350	6250 13,450	7550 *13,450	4900 10,550	*5600 *12,250	4750 10,450	10 720 35'01"
1500 mm 5'0"	kg lb			*14 650 *35,600	*14 650 *34,500	*14 650 *31,700	10 700 23,050	*11 550 *24,950	7850 16,900	9350 20,100	6050 13,050	7450 *14,800	4850 10,400	*5750 *12,650	4700 10,300	10 750 35'02"
0 mm 0'0"	kg lb			*13 600 *31,850	*13 600 *31,850	*14 550 *31,550	10 350 22,250	*11 450 *24,750	7600 16,400	9200 19,800	5950 12,750	*6900	4800	*6100 *13,350	4800 10,500	10 560 34'07"
-1500 mm -5'0"	kg lb	*7750 *17,650	*7750 *17,650	*17 400 *37,800	15 450 33,200	*13 600 *29,400	10 150 21,900	*10 750 *23,150	7500 16,150	*8450 *18,050	5900 12,650			*6300 *13,800	5050 11,150	10 140 33'02"
-3000 mm -10'0"	kg lb	*13 450 *30,600	*13 450 *30,600	*14 400 *31,200	*14 400 *31,200	*11 650 *25,150	10 200 21,950	*9200 *19,650	7500 16,200	*6650 *13,750	5950 12,850			*5400 *11,750	*5400 *11,750	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



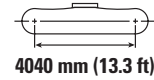
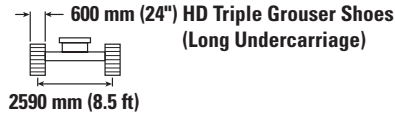
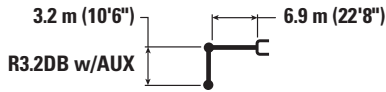
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








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

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

340 Straight Boom Hydraulic Excavator Specifications

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



		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	*11 800 *25,950					*8400 *18,700	*8400 *18,700	7230 23'02"
7500 mm 25'0"	kg lb			*11 850 *25,750	*11 850 *25,750	*10 500 *22,950	8750 18,800			*7600 *16,800	7150 16,000	8430 27'04"
6000 mm 20'0"	kg lb	*12 850 *27,750	*12 850 *27,750	*12 500 *27,100	12 200 26,250	*10 700 *23,300	8650 18,550	*9500 *17,400	6400 13,750	*7250 *15,950	6150 13,600	9240 30'01"
4500 mm 15'0"	kg lb	*17 850 *38,400	*17 850 *38,400	*13 550 *29,300	11 650 25,100	*11 150 *24,150	8350 18,000	*9550 20,600	6350 13,600	*7100 *15,650	5550 12,250	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	11 000 23,750	*11 550 *25,050	8050 17,350	9450 20,300	6200 13,300	*7200 *15,850	5250 11,600	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	10 550 22,700	*11 700 *25,350	7800 16,750	9300 19,950	6050 13,000	*7450 *16,450	5200 11,400	10 040 32'11"
0 mm 0'0"	kg lb	*12 350 *29,150	*12 350 *29,150	*14 400 *31,200	10 250 22,100	*11 350 *24,550	7600 16,400	*9000 *19,350	5950 12,850	*7500 *16,500	5300 11,700	9840 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,600	15 500 33,350	*12 950 *28,100	10 200 22,000	*10 300 *22,200	7550 16,250	*7750 *16,300	5950 12,900	*6750 *14,850	5700 12,500	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,950	*12 400 *26,950	*10 550 *22,650	10 300 22,200	*8200 *17,450	7650 16,450			*5600 *12,200	*5600 *12,200	8660 28'03"



ISO 10567:2007



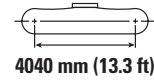
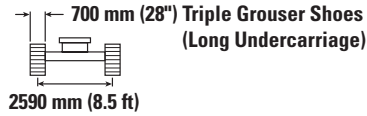
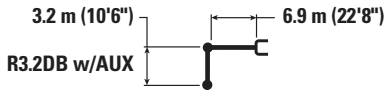
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Lift capacity stays with ±5% for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

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



		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	*11 800 *25,950					*8400 *18,700	*8400 *18,700	7230 23'02"
7500 mm 25'0"	kg lb			*11 850 *25,750	*11 850 *25,750	*10 500 *22,950	8700 18,700			*7600 *16,800	7100 15,900	8430 27'04"
6000 mm 20'0"	kg lb	*12 850 *27,750	*12 850 *27,750	*12 500 *27,100	12 100 26,100	*10 700 *23,300	8600 18,450	*9500 *17,400	6400 13,650	*7250 *15,950	6100 13,500	9240 30'01"
4500 mm 15'0"	kg lb	*17 850 *38,400	17 750 38,350	*13 550 *29,300	11 550 24,950	*11 150 *24,150	8300 17,900	9500 20,450	6300 13,500	*7100 *15,650	5500 12,200	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	10 950 23,600	*11 550 *25,050	8000 17,250	9350 20,150	6150 13,200	*7200 *15,850	5250 11,500	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	10 450 22,550	*11 700 *25,350	7750 16,650	9200 19,800	6000 12,950	*7450 *16,450	5150 11,350	10 040 32'11"
0 mm 0'0"	kg lb	*12 350 *29,150	*12 350 *29,150	*14 400 *31,200	10 200 22,000	*11 350 *24,550	7550 16,250	*9000 *19,350	5900 12,750	*7500 *16,500	5300 11,600	9840 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,600	15 400 33,150	*12 950 *28,100	10 150 21,850	*10 300 *22,200	7500 16,150	*7750 *16,300	5900 12,800	*6750 *14,850	5650 12,450	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,950	*12 400 *26,950	*10 550 *22,650	10 250 22,050	*8200 *17,450	7550 16,350			*5600 *12,200	*5600 *12,200	8660 28'03"



ISO 10567:2007



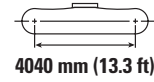
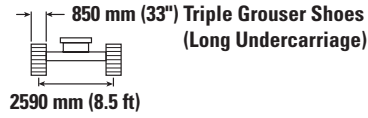
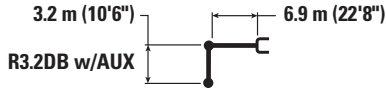
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Lift capacity stays with ±5% for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

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



		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	*11 800 *25,950					*8400 *18,700	*8400 *18,700	7230 23'02"
7500 mm 25'0"	kg lb			*11 850 *25,750	*11 850 *25,750	*10 500 *22,950	8850 19,000			*7600 *16,800	7250 16,200	8430 27'04"
6000 mm 20'0"	kg lb	*12 850 *27,750	*12 850 *27,750	*12 500 *27,100	12 300 26,500	*10 700 *23,300	8750 18,750	*9500 *17,400	6500 13,900	*7250 *15,950	6200 13,750	9240 30'01"
4500 mm 15'0"	kg lb	*17 850 *38,400	*17 850 *38,400	*13 550 *29,300	11 750 25,350	*11 150 *24,150	8450 18,200	*9550 *20,750	6400 13,750	*7100 *15,650	5650 12,450	9750 31'11"
3000 mm 10'0"	kg lb			*14 500 *31,400	11 150 24,050	*11 550 *25,050	8150 17,550	9550 20,550	6250 13,500	*7200 *15,850	5350 11,750	10 010 32'09"
1500 mm 5'0"	kg lb			*14 900 *32,250	10 650 23,000	*11 700 *25,350	7850 16,950	9400 20,200	6150 13,200	*7450 *16,450	5250 11,550	10 040 32'11"
0 mm 0'0"	kg lb	*12 350 *29,150	*12 350 *29,150	*14 400 *31,200	10 400 22,400	*11 350 *24,550	7700 16,600	*9000 *19,350	6050 13,000	*7500 *16,500	5400 11,850	9840 32'03"
-1500 mm -5'0"	kg lb	*15 850 *34,600	15 700 33,750	*12 950 *28,100	10 350 22,250	*10 300 *22,200	7650 16,450	*7750 *16,300	6050 13,050	*6750 *14,850	5750 12,650	9390 30'09"
-3000 mm -10'0"	kg lb	*12 400 *26,950	*12 400 *26,950	*10 550 *22,650	10 450 22,450	*8200 *17,450	7700 16,650			*5600 *12,200	*5600 *12,200	8660 28'03"



ISO 10567:2007



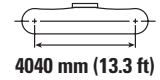
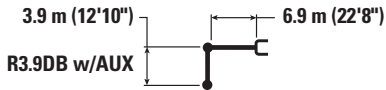
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Lift capacity stays with ±5% for all available track shoes.

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

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	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



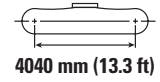
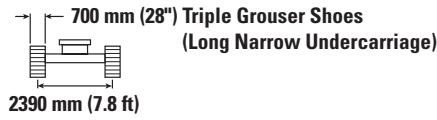
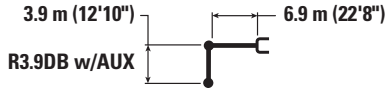
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Lift capacity stays with ±5% for all available track shoes.

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

340 Straight Boom Hydraulic Excavator Specifications

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



Boom Length	Unit	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		
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	mm ft/in		
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			*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	*6350 *13,050					*5500 *12,400	*5500 *12,400	7940 25'05"



ISO 10567:2007



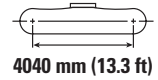
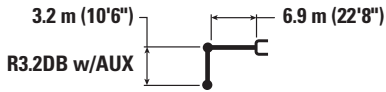
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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



		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



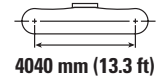
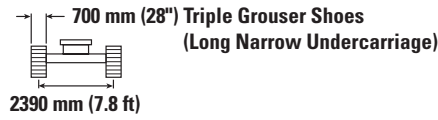
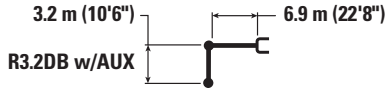
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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



		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 ±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

Bucket Specifications and Compatibility – Europe

		Undercarriage							Long		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	m ³	yd ³	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	⊖	⊙	○	⊖
								kg	4700	5388	4271	4915
								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	◇	⊖	◇	○
								kg	4002	4690	3573	4217
								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 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.

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 – Europe (continued)

		Undercarriage							Long		Long Narrow		
		Counterweight			Capacity		Weight		Fill	9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
		Width		Capacity		Weight		Fill	Straight Boom		Straight Boom		
Linkage		mm	in	m ³	yd ³	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 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.

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

	Linkage	Undercarriage							Long		
		Width		Capacity		Weight		Counterweight	9.0 mt (19,800 lb)		
		mm	in	m ³	yd ³	kg	lb	Fill	Straight Boom		
								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	●	●	
									kg	4700	5388
									lb	10,362	11,879

Maximum load with pin-on (payload + bucket)

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 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.

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)

	Linkage	Undercarriage							Long	
		Width		Capacity		Weight		Counterweight	9.0 mt (19,800 lb)	
		mm	in	m ³	yd ³	kg	lb	Fill	Straight Boom	
								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	◇	○
	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	○	⊖
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 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.

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		Long Narrow	
		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Counterweight		Straight Boom		Straight Boom	
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		Long Narrow	
		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Counterweight		Straight Boom		Straight Boom	
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		Long Narrow	
		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Counterweight		Straight Boom		Straight Boom	
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		Long Narrow	
		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Counterweight		Straight Boom		Straight Boom	
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		Long Narrow	
		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Counterweight		Straight Boom		Straight Boom	
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		Long Narrow	
		9.0 mt (19,800 lb)		9.0 mt (19,800 lb)	
Counterweight		Straight Boom		Straight Boom	
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		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		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	
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	
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	
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		✓
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	
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

* Working range front only

No Match

HCS80 COUPLER ATTACHMENTS

Undercarriage		Long	
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	
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		✓
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	✓		Cooling circuit		✓
Beacon ready	✓		Quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓
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)		✓	VisionLink®	✓*	
2D E-Fence:	✓		VisionLink Productivity		✓
– E-ceiling			Remote Flash	✓	
– E-floor			Remote Troubleshoot	✓	
– E-swing			Cat Grade 2D	✓	
– E-wall			Cat Grade 2D with Attachment Ready Option (ARO)		✓
– E-cab avoidance			Cat Grade 3D single GNSS		✓
Auto hammer stop	✓		Cat Grade 3D dual GNSS		✓
Caterpillar One Key security system	✓		Laser catcher		✓
Lockable external tool/storage box	✓		Cat Assist:	✓	
Lockable door, fuel, and hydraulic tank locks	✓		– Grade Assist		
Lockable fuel drain compartment	✓		– Boom Assist		
Service platform with anti-skid plate and recessed bolts	✓		– Bucket Assist		
Right Hand (RH) handrail and handhold	✓		– Swing Assist		
Standard visibility mirror package	✓		– Lift Assist		
Signaling/warning horn	✓		Cat Payload:	✓	
Travel alarm –	✓	✓	– Static weigh		
North America standard; Europe optional			– Semiautomatic calibration		
Swing alarm		✓	– Payload/cycle information		
Ground-level secondary engine shutoff switch	✓		– USB reporting capability		
Lockable disconnect switch	✓		Work tool recognition (PL161)	✓	
Boom lowering check valve –	✓	✓	Work tool tracking (PL161)	✓	
Europe standard; North America optional			UNDERCARRIAGE AND STRUCTURES		
Stick lowering check valve –	✓	✓	Long undercarriage		✓
Europe standard; North America optional			Long Narrow undercarriage		✓
Rear and right-hand-sideview cameras	✓		Towing eye on base frame	✓	
360° visibility		✓	Full-length track guiding guards	✓	
SERVICE AND MAINTENANCE			Swivel guard		✓
Integrated vehicle health management system	✓		Bottom guard	✓	
Grouped location for engine oil and fuel filters	✓		Travel motor guard	✓	
Scheduled Oil Sampling (S·O·S SM) ports	✓		Grease lubricated track	✓	
QuickEvac TM maintenance ready		✓	HD swing frame	✓	
Electric refueling pump with auto shutoff – Europe only		✓	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		✓

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

340 Straight Boom Attachments

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) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% 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.

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg (2.2 lb) of refrigerant which has a CO₂ equivalent of 1.430 metric tonnes (1.576 tons).

Paint

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

Sound Performance

ISO 6395:2008 (external) – 106 dB(A)

ISO 6396:2008 (inside cab) – 73 dB(A)

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

Oils and Fluids

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

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode minimizes fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Available Cat technologies improve operator efficiency by up to 45%
 - Cut costs with extended maintenance intervals

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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

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