



323

Hydraulic Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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323 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C7.1	
Engine Power (ISO 9249)	121 kW	162 hp
Engine Power (ISO 14396)	122 kW	164 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³

- The 323 meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
- Rating at 1,800 rpm.

Swing Mechanism

Swing Speed	11.3 rpm	
Maximum Swing Torque	82 kN·m	60,300 lbf-ft

Weights

Operating Weight	24 400 kg	53,800 lb
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- HD Reach Boom, R2.9 (9'6") Stick, 1.19 m³ (1.56 yd³) HD bucket and 600 mm (24 in) HD triple grouser shoes.

Track

Standard Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
	790 mm	31 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull – Long Undercarriage	203 kN	45,614 lbf

Hydraulic System

Main System – Maximum Flow – Implement	429 L/min (214.5 × 2 pumps)	113 gal/min (56.5 × 2 pumps)
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure – Travel	34 300 kPa	4,974 psi
Maximum Pressure – Swing	27 500 kPa	3,998 psi
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

Service Refill Capacities

Fuel Tank Capacity	345 L	86.6 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive (each)	12 L	3.2 gal
Final Drive (each)	5 L	1.3 gal
Hydraulic System (including tank)	234 L	61.8 gal
Hydraulic Tank	115 L	30.4 gal
DEF Tank	41 L	10.8 gal

Sound Performance

ISO 6395:2008 (external)	100 dB(A)
ISO 6396:2008 (inside cab)	70 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.

Standards

Brakes	ISO 10265:2008
Cab/ROPS	ISO 12117-2:2008
Cab	ISO 10262-1:1998
FOGS (optional)	ISO 10262-2:1998

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Operating Weights and Ground Pressures

	600 mm (24 in) Triple Grouser Shoes				700 mm (28 in) Triple Grouser Shoes				790 mm (31 in) Triple Grouser Shoes			
	Weight		Ground Pressure		Weight		Ground Pressure		Weight		Ground Pressure	
	kg	lb	kPa	psi	kg	lb	kPa	psi	kg	lb	kPa	psi
5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine												
HD Reach Boom + R2.9 (9'6") Stick + 1.38 m ³ (1.86 yd ³) HD Bucket	24 100	53,100	50.1	7.3	24 400	53,800	43.5	6.3	24 800	54,700	39.2	5.7

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

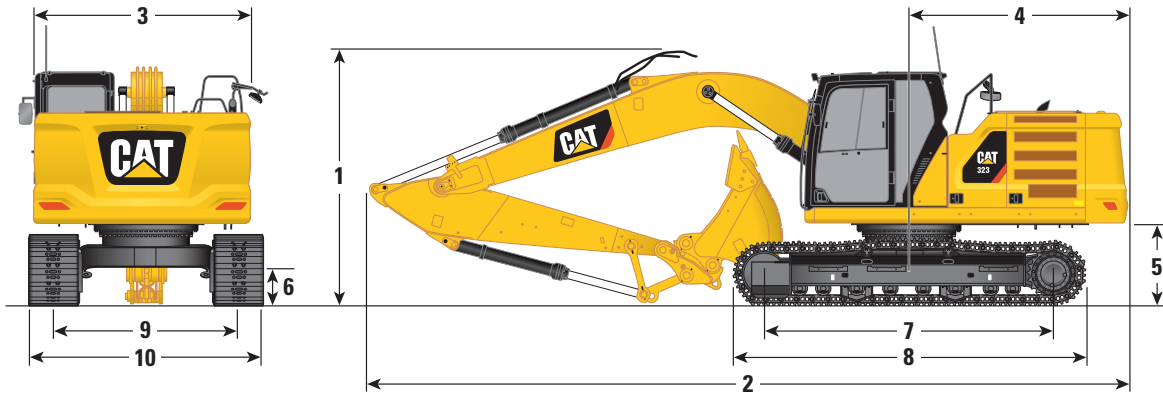
Major Component Weights

	kg	lb
Base Machine (with 5.4 mt [11,900 lb], counterweight, HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator)	16 700	36,800
Track Shoes:		
600 mm (24 in) Width, 12.5 mm (0.49 in) Thick Triple Grouser HD Track Shoes	3080	6,800
700 mm (28 in) Width, 12.5 mm (0.49 in) Thick Triple Grouser HD Track Shoes	3490	7,700
790 mm (31 in) Width, 12.5 mm (0.49 in) Thick Triple Grouser HD Track Shoes with Step Extension for ISO 2867	3800	8,400
Boom Cylinders	340	750
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	310	680
Counterweight:		
5.4 mt (11,900 lb)	5400	11,900
Swing Frame	2090	4,600
Long Undercarriage:		
HD Base Frame with SD Track Rollers and Standard Carrier Rollers	4470	9,900
Booms (including lines, pins, stick cylinder):		
HD Reach Boom (5.7 m/18'8")	2010	4,400
Super Long Reach Boom (8.85 m/29'0")	2170	4,800
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick (R2.9B1/9'6")	990	2,200
Reach Stick (R2.5B1/8'2")	970	2,100
Super Long Reach Stick (6.28A/20'7")	1340	3,000
Buckets (without linkage):		
1.19 m ³ (1.56 yd ³) HD	960	2,100
0.57 m ³ (0.75 yd ³) DC	390	900
0.53 m ³ (0.69 yd ³) GD	410	900
Quick Couplers:		
CW Dedicated	230	500
Pin Grabber QC	390	850

323 Hydraulic Excavator Specifications

Dimensions

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

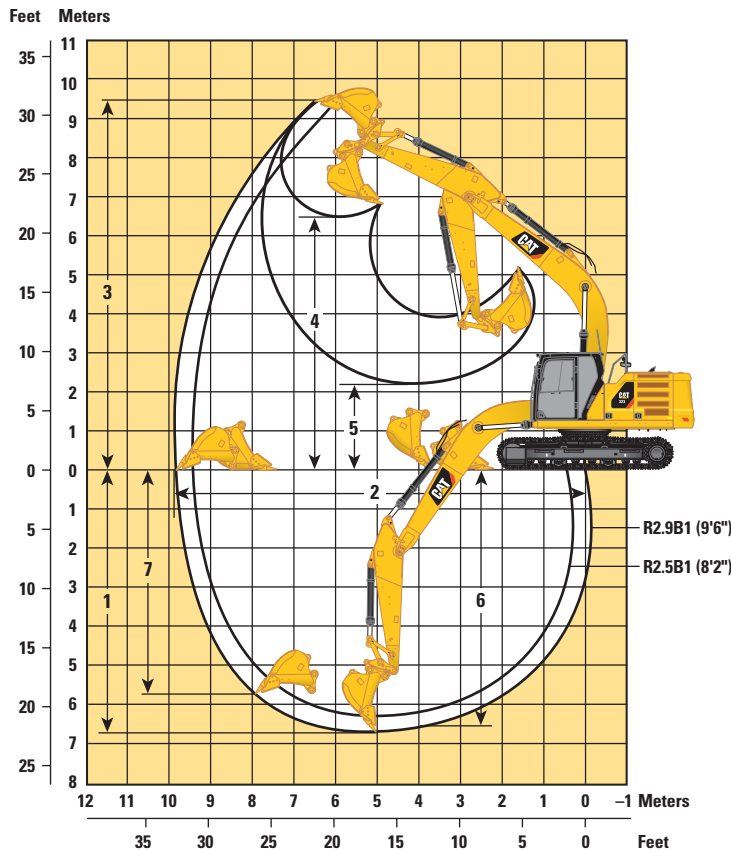


Boom Options	HD Reach Boom 5.7 m (18'8")		SLR Boom 8.85 m (29'0")			
Stick Options	Reach Stick R2.9B1 (9'6")		Reach Stick R2.5B1 (8'2")		SLR Stick 6.28A (20'7")	
1 Machine Height:						
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"
Top of FOGS Height	3100 mm	10'2"	3100 mm	10'2"	3100 mm	10'2"
Handrails Height	2950 mm	9'9"	2950 mm	9'9"	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3160 mm	10'4"	3160 mm	10'4"	3190 mm	10'5"
With Boom/Stick Installed	2910 mm	9'7"	2910 mm	9'7"	3070 mm	10'1"
With Boom Installed	2480 mm	8'2"	2480 mm	8'2"	2650 mm	8'9"
2 Machine Length:						
With Boom/Stick/Bucket Installed	9530 mm	31'3"	9530 mm	31'3"	12 750 mm	41'10"
With Boom/Stick Installed	9500 mm	31'2"	9500 mm	31'2"	12 760 mm	41'10"
With Boom Installed	8450 mm	27'9"	8450 mm	27'9"	8920 mm	29'3"
3 Upperframe Width without Walkways	2780 mm	9'1"	2780 mm	9'1"	2780 mm	9'1"
4 Tail Swing Radius	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"
5 Counterweight Clearance	1050 mm	3'5"	1050 mm	3'5"	1050 mm	3'5"
6 Ground Clearance	470 mm	1'7"	470 mm	1'7"	470 mm	1'7"
7 Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"
8 Track Length	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"
9 Track Gauge	2380 mm	7'9"	2380 mm	7'9"	2380 mm	7'9"
Track Width:						
600 mm (24 in) Shoes	600 mm	24"	600 mm	24"	600 mm	24"
700 mm (28 in) Shoes	700 mm	28"	700 mm	28"	700 mm	28"
790 mm (31 in) Shoes	790 mm	31"	790 mm	31"	790 mm	31"
10 Undercarriage Width (with steps/without steps):						
600 mm (24 in) Shoes	2980 mm	9'9"	2980 mm	9'9"	2980 mm	9'9"
700 mm (28 in) Shoes	3080 mm	10'1"	3080 mm	10'1"	3080 mm	10'1"
790 mm (31 in) Shoes	3170 mm	10'5"	3170 mm	10'5"	3170 mm	10'5"
Bucket Type	HD		HD		GD	
Bucket Capacity	1.19 m ³	1.56 yd ³	1.19 m ³	1.56 yd ³	0.53 m ³	0.69 yd ³
Bucket Tip Radius	1570 mm	5'2"	1570 mm	5'2"	1220 mm	4'0"

323 Hydraulic Excavator Specifications

Working Ranges

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



Boom Option

HD Reach Boom
5.7 m (18'8")

Stick Options

Reach Stick
R2.9B1 (9'6")

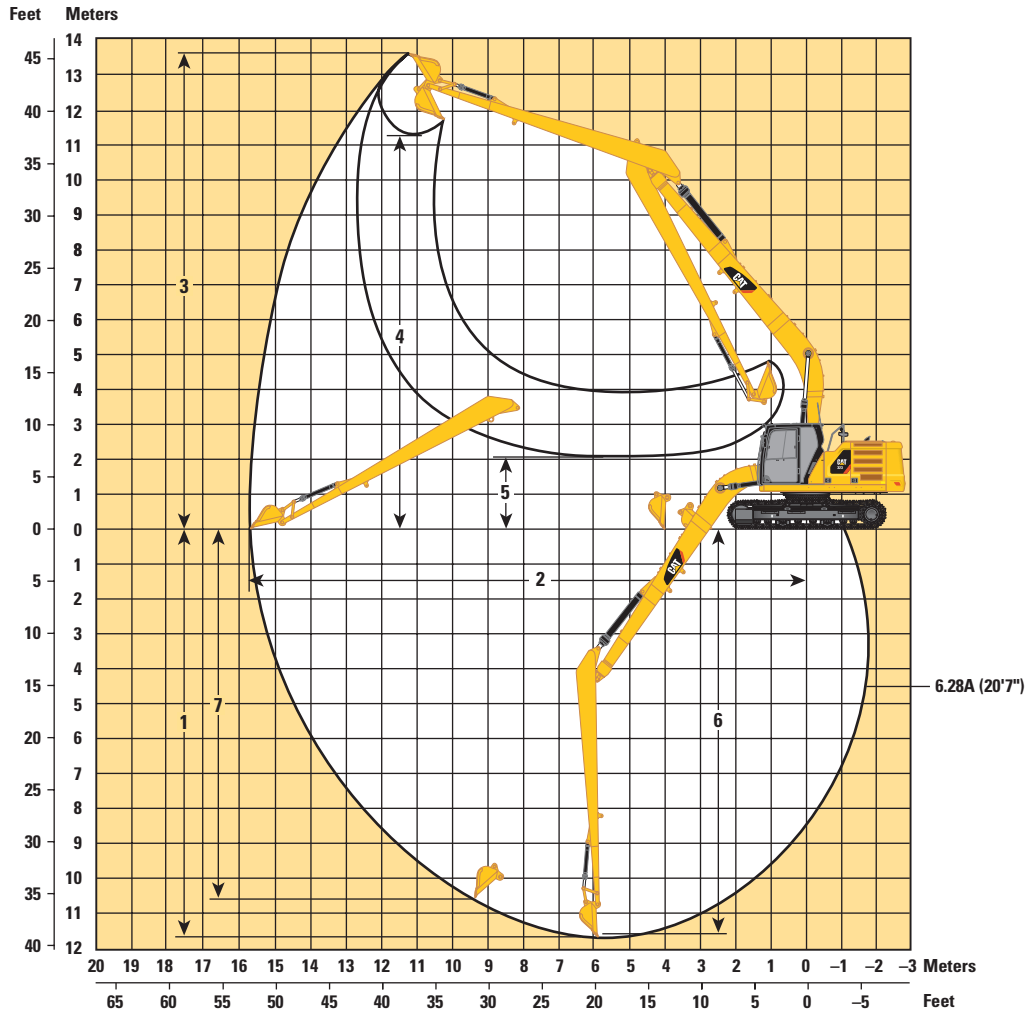
Reach Stick
R2.5B1 (8'2")

		Reach Stick R2.9B1 (9'6")	Reach Stick R2.5B1 (8'2")
1 Maximum Digging Depth		6730 mm	6310 mm
2 Maximum Reach at Ground Line		9870 mm	9470 mm
3 Maximum Cutting Height		9450 mm	9250 mm
4 Maximum Loading Height		6480 mm	6280 mm
5 Minimum Loading Height		2160 mm	2580 mm
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom		6560 mm	6120 mm
7 Maximum Vertical Wall Digging Depth		5740 mm	5340 mm
Bucket Digging Force (ISO)		140 kN	140 kN
Stick Digging Force (ISO)		107 kN	118 kN
Bucket Type		HD	HD
Bucket Capacity		1.30 m ³	1.19 m ³
Bucket Tip Radius		1580 mm	1570 mm

323 Hydraulic Excavator Specifications

Working Ranges

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



Boom Option

SLR Boom
8.85 m (29'0")

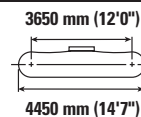
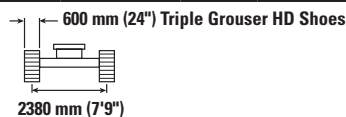
Stick Options

6.28A (20'7") SLR Stick 6.28A (20'7")

	6.28A (20'7")	SLR Stick	6.28A (20'7")
1 Maximum Digging Depth	11 540 mm	37'10"	11 690 mm
2 Maximum Reach at Ground Line	15 570 mm	51'1"	15 730 mm
3 Maximum Cutting Height	13 540 mm	44'5"	13 610 mm
4 Maximum Loading Height	11 440 mm	37'6"	11 290 mm
5 Minimum Loading Height	2240 mm	7'4"	2080 mm
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	11 440 mm	37'6"	11 590 mm
7 Maximum Vertical Wall Digging Depth	11 020 mm	36'2"	10 560 mm
Bucket Digging Force (ISO)	62 kN	13,841 lbf	60 kN
Stick Digging Force (ISO)	49 kN	10,966 lbf	49 kN
Bucket Type	DC		GD
Bucket Capacity	0.57 m ³	0.75 yd ³	0.53 m ³
Bucket Tip Radius	1070 mm	3'6"	1230 mm

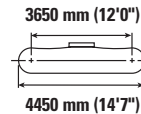
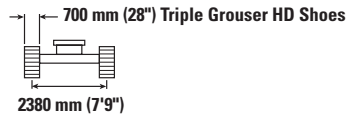
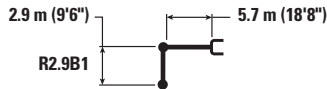
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach Boom	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	mm	in	
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,500	*4300 *9,500	6150 240
6000 mm 240 in	kg lb							*5450	*5450			*3950 *8,750	*3950 *8,750	7290 290
4500 mm 180 in	kg lb							*5950 *13,000	*5950 *13,000	*5600 12,300	4500 9,650	*3900 *8,550	*3900 *8,550	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	6050 *14,850	6050 13,000	*6000 *13,050	4400 9,450	*4000 *8,750	*4000 8,750	8360 330
1500 mm 60 in	kg lb					*10 550 *22,750	8600 18,550	*7800 *16,850	5800 12,500	*6450 13,900	4250 9,200	*4250 *9,300	3600 7,950	8450 340
0 mm 0 in	kg lb			*6600 *15,150	*6600 *15,150	*11 550 *24,950	8350 17,900	*8450 *18,250	5600 12,100	6350 13,700	4200 9,000	*4700 *10,300	3700 8,100	8260 330
-1500 mm -60 in	kg lb	*7050 *15,750	*7050 *15,750	*11 400 *25,850	*11 400 *25,850	*11 650 *25,250	8250 17,700	*8600 *18,650	5550 11,950	6350 13,650	4150 8,950	*5500 *12,100	3950 8,700	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,100	*12 100 *27,100	*15 450 *33,450	*15 450 *33,450	*10 900 *23,550	8300 17,850	*8100 *17,450	5550 12,000			*6650 *14,650	4650 10,250	6950 280
-4500 mm -180 in	kg lb			*12 300 *26,350	*12 300 *26,350	*8850 *18,900	8500 18,300					*6700 *14,750	6300 14,200	5600 220

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach Boom	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	mm	in	
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,500	*4300 *9,500	6150 240
6000 mm 240 in	kg lb							*5450 *11,900	*5450 *11,900			*3950 *8,750	*3950 *8,750	7290 290
4500 mm 180 in	kg lb							*5950 *13,000	*5950 *13,000	*5600 12,300	4550 9,750	*3900 *8,550	*3900 *8,550	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	*6850 *14,850	6100 13,200	*6000 *13,050	4450 9,550	*4000 *8,750	3800 8,350	8360 330
1500 mm 60 in	kg lb					*10 550 *22,750	8750 18,850	*7800 *16,850	5900 12,650	*6450 *13,950	4350 9,300	*4250 *9,300	3650 8,050	8450 340
0 mm 0 in	kg lb			*6600 *15,150	*6600 *15,150	*11 550 *24,950	8450 18,200	*8450 *18,250	5700 12,300	6450 13,900	4250 9,100	*4700 *10,300	3750 8,200	8260 330
-1500 mm -60 in	kg lb	*7050 *15,750	*7050 *15,750	*11 400 *25,850	*11 400 *25,850	*11 650 *25,250	8350 18,000	*8600 *18,650	5600 12,100	6450 13,850	4200 9,050	*5500 *12,100	4000 8,850	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,100	*12 100 *27,100	*15 450 *33,450	*15 450 *33,450	*10 900 *23,550	8400 18,100	*8100 *17,450	5650 12,200			*6650 *14,650	4700 10,400	6950 280
-4500 mm -180 in	kg lb			*12 300 *26,350	*12 300 *26,350	*8850 *18,900	8600 18,600					*6700 *14,750	6400 14,400	5600 220



ISO 10567



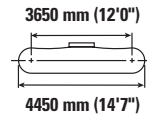
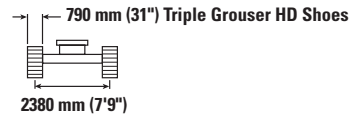
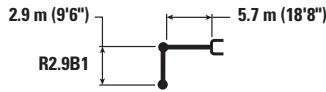
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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

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

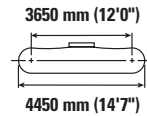
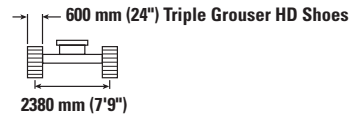
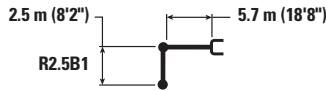
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach Boom	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	mm	in	
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,500	*4300 *9,500	6150 240
6000 mm 240 in	kg lb							*5450	*5450			*3950 *8,750	*3950 *8,750	7290 290
4500 mm 180 in	kg lb							*5950 *13,000	*5950 *13,000	*5600 12,300	4600 9,850	*3900 *8,550	*3900 *8,550	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	*6200 *14,850	13,300	*6000 *13,050	4500 9,650	*4000 *8,750	3850 8,450	8360 330
1500 mm 60 in	kg lb					*10 550 *22,750	8850 19,000	*7800 *16,850	5950 12,800	*6450 *13,950	4400 9,400	*4250 *9,300	3700 8,150	8450 340
0 mm 0 in	kg lb			*6600 *15,150	*6600 *15,150	*11 550 *24,950	8550 18,350	*8450 *18,250	5750 12,400	6550 14,050	4300 9,200	*4700 *10,300	3750 8,300	8260 330
-1500 mm -60 in	kg lb	*7050 *15,750	*7050 *15,750	*11 400 *25,850	*11 400 *25,850	*11 650 *25,250	8450 18,150	*8600 *18,650	5700 12,250	6500 14,000	4250 9,150	*5500 *12,100	4050 8,950	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,100	*12 100 *27,100	*15 450 *33,450	*15 450 *33,450	*10 900 *23,550	8500 18,300	*8100 *17,450	5700 12,300			*6650 *14,650	4750 10,500	6950 280
-4500 mm -180 in	kg lb			*12 300 *26,350	*12 300 *26,350	*8850 *18,900	8700 18,750					*6700 *14,750	6450 14,550	5600 220

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach Boom	Unit	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		ISO	ISO	ISO	ISO	ISO	ISO	ISO	ISO	mm	in	
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	*5900 *12,900			*4750 *10,450	*4750 *10,450	6830 270
4500 mm 180 in	kg lb			*7400 *15,950	*7400 *15,950	*6350 *13,850	6200 13,400	*5250	4450	*4650 *10,200	4400 9,700	7570 300
3000 mm 120 in	kg lb			*9300 *20,000	9000 19,400	*7200 *15,600	6000 12,900	*6250 *13,600	4350 9,350	*4750 *10,450	4000 8,800	7960 320
1500 mm 60 in	kg lb			*10 950 *23,650	8550 18,400	*8050 *17,400	5750 12,400	6450 13,850	4250 9,150	*5050 *11,150	3850 8,500	8050 320
0 mm 0 in	kg lb			*11 700 *25,300	8300 17,900	*8550 *18,550	5600 12,100	6350 13,700	4200 9,000	*5650 *12,450	3950 8,650	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 550 *25,000	8250 17,800	*8600 *18,600	5550 12,000	6350 14,000	4200 9,450	6550 14,450	4300 9,450	7350 290
-3000 mm -120 in	kg lb	*14 500 *31,350	*14 500 *31,350	*10 500 *22,700	8350 18,000	*7800 *16,650	5650 12,150			*6950 *15,300	5150 11,400	6470 260
-4500 mm -180 in	kg lb			*7850 *16,450	*7850 *16,450					*6800 *14,900	*6800 *14,900	4980 200



ISO 10567



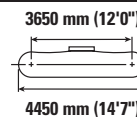
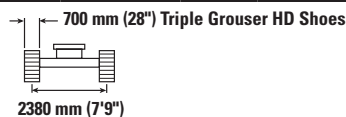
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Lift capacity stays with ±5% for all available track shoes.

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

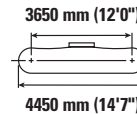
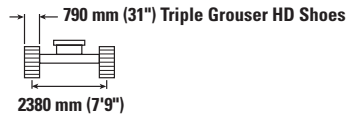
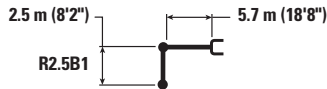
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach mm in	kg lb	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	*5900 *12,900			*4750 *10,450	*4750 *10,450	6830 270
4500 mm 180 in	kg lb			*7400 *15,950	*7400 *15,950	*6350 *13,850	6300 13,550	*5250	4500	*4650 *10,200	4450 9,800	7570 300
3000 mm 120 in	kg lb			*9300 *20,000	9150 19,650	*7200 *15,600	6050 13,100	*6250 *13,600	4400 9,500	*4750 *10,450	4050 8,900	7960 320
1500 mm 60 in	kg lb			*10 950 *23,650	8650 18,650	*8050 *17,400	5850 12,600	6550 14,100	4300 9,300	*5050 *11,150	3900 8,600	8050 320
0 mm 0 in	kg lb			*11 700 *25,300	8450 18,150	*8550 *18,550	5700 12,250	6450 13,950	4250 9,150	*5650 *12,450	4000 8,800	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 550 *25,000	8400 18,050	*8600 *18,600	5650 12,150			6650 14,650	4350 9,600	7350 290
-3000 mm -120 in	kg lb	*14 500 *31,350	*14 500 *31,350	*10 500 *22,700	8500 18,250	*7800 *16,650	5700 12,350			*6950 *15,300	5200 11,550	6470 260
-4500 mm -180 in	kg lb			*7850 *16,450	*7850 *16,450					*6800 *14,900	*6800 *14,900	4980 200

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach mm in	kg lb	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	*5900 *12,900			*4750 *10,450	*4750 *10,450	6830 270
4500 mm 180 in	kg lb			*7400 *15,950	*7400 *15,950	*6350 *13,850	6350 13,700	*5250	4550	*4650 *10,200	4500 9,900	7570 300
3000 mm 120 in	kg lb			*9300 *20,000	9200 19,850	*7200 *15,600	6150 13,200	*6250 *13,600	4450 9,600	*4750 *10,450	4100 9,000	7960 320
1500 mm 60 in	kg lb			*10 950 *23,650	8750 18,850	*8050 *17,400	5900 12,700	*6600 14,250	4350 9,400	*5050 *11,150	3950 8,700	8050 320
0 mm 0 in	kg lb			*11 700 *25,300	8500 18,350	*8550 *18,550	5750 12,400	6550 14,100	4300 9,250	*5650 *12,450	4050 8,900	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 550 *25,000	8500 18,250	*8600 *18,600	5700 12,300			6700 14,800	4400 9,700	7350 290
-3000 mm -120 in	kg lb	*14 500 *31,350	*14 500 *31,350	*10 500 *22,700	8550 18,450	*7800 *16,650	5750 12,450			*6950 *15,300	5250 11,650	6470 260
-4500 mm -180 in	kg lb			*7850 *16,450	*7850 *16,450					*6800 *14,900	*6800 *14,900	4980 200



ISO 10567



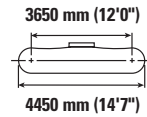
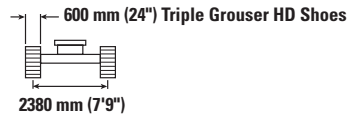
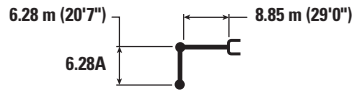
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



Reach mm in	kg lb	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
12 000 mm 480 in	kg lb											*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb											*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb											*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb											*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb											*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb											*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb			*4700 *11,900	*4700 *11,900	*6050 *12,900	*6050 *12,900	*4450 *9,600	*4450 *9,600	*3600 *7,800	*3600 *7,800	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb					*6750 *16,000	*6750 *16,000	*5250 *11,300	5100 11,050	*4100 *8,900	3800 8,200	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb			*2050 *4,550	*2050 *4,550	*4700 *10,750	*4700 *10,750	*5900 *12,700	4650 10,050	*4550 *9,800	3500 7,550	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2750 *6,100	*2750 *6,100	*4650 *10,550	*4650 *10,550	*6250 *13,550	4400 9,450	*4850 *10,450	3300 7,100	*1400 *3,000	1350 2,950	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3550 *7,900	*3550 *7,900	*5200 *11,750	*5200 *11,750	*6450 *13,900	4250 9,150	*5000 *10,850	3200 6,850	*1500 *3,300	1400 3,050	13 790 550
-4500 mm -180 in	kg lb	*3700 *8,200	*3700 *8,200	*4450 *9,900	*4450 *9,900	*6100 *13,750	*6100 *13,700	*6400 *13,800	4200 9,100	*5050 *10,900	3150 6,750	*1700 *3,800	1500 3,300	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,150	*4550 *10,150	*5450 *12,200	*5450 *12,200	*7250 *16,350	6500 13,950	*6150 *13,250	4250 9,150	*4900 *10,550	3150 6,750	*2000 *4,500	1650 3,650	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,300	*5500 *12,300	*6600 *14,850	*6600 *14,850	*7300 *15,650	6700 14,400	*5650 *12,150	4350 9,400	*4550 *9,800	3200 6,900	*2550 *5,700	1950 4,300	11 240 440
-9000 mm -360 in	kg lb			*8000 *17,500	*8000 *17,500	*6150 *13,100	*6150 *13,100	*4850 *10,350	4550 9,850	*3950 *8,300	3350 7,250	*2700 *5,900	2400 5,450	9800 380



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

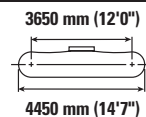
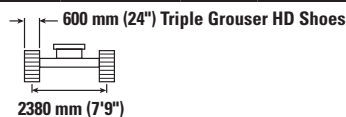
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in				mm in
												
12 000 mm 480 in	kg lb									*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,750	*2200 *4,750					*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2000 *3,700	*2000 *3,700			*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb			*2250 *4,950	*2250 *4,950	*2250 *4,900	2200 4,750			*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2150 4,600	*1850 *3,250	1700 *3,250	*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2600 *5,600	*2600 *5,600	*2400 *5,250	2100 4,450	*2300 *4,650	1650 3,550	*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,050	2500 5,350	*2550 *5,550	2000 4,250	*2400 *5,200	1600 3,450	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb	*3450 *7,450	2950 6,350	*3000 *6,500	2350 5,050	*2700 *5,850	1900 4,050	*2500 *5,400	1550 3,300	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb	*3750 *8,050	2750 5,900	*3200 *6,900	2200 4,750	*2850 *6,150	1800 3,900	2450 5,300	1500 3,200	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2600 5,600	*3350 *7,250	2100 4,550	2850 6,150	1750 3,750	2400 5,200	1450 3,100	*1400 *3,000	1350 2,950	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2500 5,400	3350 7,250	2050 4,350	2800 6,050	1700 3,650	*2300 *3,700	1450 3,100	*1500 *3,300	1400 3,050	13 790 550
-4500 mm -180 in	kg lb	4100 8,800	2450 5,300	3350 7,150	2000 4,300	2800 6,000	1700 3,600			*1700 *3,800	1500 3,300	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2450 5,300	3350 7,200	2000 4,350	*2800 *5,150	1700 3,700			*2000 *4,500	1650 3,650	12 340 490
-7500 mm -300 in	kg lb	*3750 *8,000	2550 5,450	*3050 *6,450	2100 4,500					*2550 *5,700	1950 4,300	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,550	2650 5,750							*2700 *5,900	2400 5,450	9800 380



ISO 10567



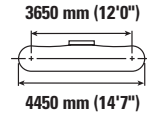
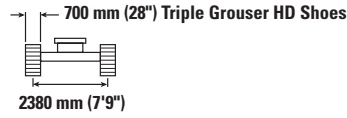
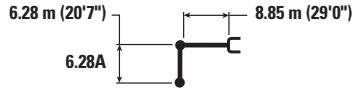
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
12 000 mm 480 in	kg lb											*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb											*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb											*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb											*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb											*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb											*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb			*4700 *11,900	*4700 *11,900	*6050 *12,900	*6050 *12,900	*4450 *9,600	*4450 *9,600	*3600 *7,800	*3600 *7,800	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb					*6750 *16,000	*6750 *16,000	*5250 11,200	5200 11,200	*4100 *8,900	3850 8,350	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb			*2050 *4,550	*2050 *4,550	*4700 *10,750	*4700 *10,750	*5900 *12,700	4750 10,250	*4550 *9,800	3600 7,700	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2750 *6,100	*2750 *6,100	*4650 *10,550	*4650 *10,550	*6250 *13,550	4500 9,650	*4850 *10,450	3350 7,250	*1400 *3,000	*1400 *3,000	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3550 *7,900	*3550 *7,900	*5200 *11,750	*5200 *11,750	*6450 *13,900	4350 9,350	*5000 *10,850	3250 6,950	*1500 *3,300	1450 3,150	13 790 550
-4500 mm -180 in	kg lb	*3700 *8,200	*3700 *8,200	*4450 *9,900	*4450 *9,900	*6100 *13,750	*6100 *13,750	*6400 *13,800	4300 9,250	*5050 *10,900	3200 6,850	*1700 *3,800	1550 3,350	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,150	*4550 *10,150	*5450 *12,200	*5450 *12,200	*7250 *16,350	6600 14,200	*6150 *13,250	4350 9,350	*4900 *10,550	3200 6,900	*2000 *4,500	1700 3,750	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,300	*5500 *12,300	*6600 *14,850	*6600 *14,850	*7300 *15,650	6800 14,650	*5650 *12,150	4450 9,600	*4550 *9,800	3300 7,050	*2550 *5,700	1950 4,400	11 240 440
-9000 mm -360 in	kg lb			*8000 *17,500	*8000 *17,500	*6150 *13,100	*6150 *13,100	*4850 *10,350	4650 10,050	*3950 *8,300	3400 7,400	*2700 *5,900	2450 5,550	9800 380



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

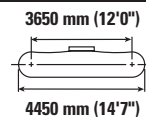
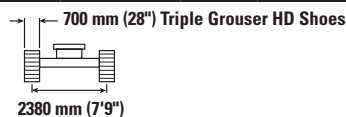
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in				mm in
												
12 000 mm 480 in	kg lb									*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,750	*2200 *4,750					*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2000 *3,700	*2000 *3,700			*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb			*2250 *4,950	*2250 *4,950	*2250 *4,900	*2250 4,800			*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2200 4,700	*1850 *3,250	1750 *3,250	*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2600 *5,600	*2600 *5,600	*2400 *5,250	2150 4,550	*2300 *4,650	1700 3,600	*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,050	2550 5,450	*2550 *5,550	2050 4,350	*2400 *5,200	1650 3,500	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb	*3450 *7,450	3000 6,450	*3000 *6,500	2400 5,100	*2700 *5,850	1950 4,150	*2500 *5,400	1600 3,400	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb	*3750 *8,050	2800 6,050	*3200 *6,900	2250 4,850	*2850 *6,150	1850 3,950	2500 5,400	1550 3,250	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2650 5,700	*3350 *7,250	2150 4,600	2900 6,250	1800 3,800	2450 5,300	1500 3,200	*1400 *3,000	*1400 *3,000	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2550 5,500	3450 7,400	2100 4,450	2850 6,150	1750 3,700	*2300 *3,700	1450 3,150	*1500 *3,300	1450 3,150	13 790 550
-4500 mm -180 in	kg lb	*4100 *8,900	2500 5,400	3400 7,300	2050 4,400	2850 6,150	1700 3,700			*1700 *3,800	1550 3,350	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2500 5,400	*3350 *7,200	2050 4,450	*2800 *5,150	1750 3,750			*2000 *4,500	1700 3,750	12 340 490
-7500 mm -300 in	kg lb	*3750 *8,000	2600 5,550	*3050 *6,450	2150 4,600					*2550 *5,700	1950 4,400	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,550	2700 5,850							*2700 *5,900	2450 5,550	9800 380



ISO 10567



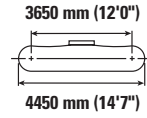
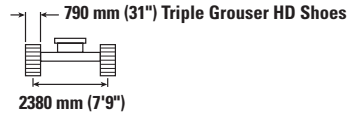
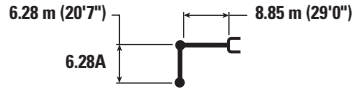
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Lift capacity stays with ±5% for all available track shoes.

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
12 000 mm 480 in	kg lb											*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb											*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb											*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb											*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb											*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb											*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb			*4700 *11,900	*4700 *11,900	*6050 *12,900	*6050 *12,900	*4450 *9,600	*4450 *9,600	*3600 *7,800	*3600 *7,800	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb					*6750 *16,000	*6750 *16,000	*5250 *11,300	*5250 *11,300	*4100 *8,900	3900 8,400	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb			*2050 *4,550	*2050 *4,550	*4700 *10,750	*4700 *10,750	*5900 *12,700	4800 10,350	*4550 *9,800	3600 7,800	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2750 *6,100	*2750 *6,100	*4650 *10,550	*4650 *10,550	*6250 *13,550	4550 9,750	*4850 *10,450	3400 7,350	*1400 *3,000	*1400 *3,000	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3550 *7,900	*3550 *7,900	*5200 *11,750	*5200 *11,750	*6450 *13,900	4400 9,450	*5000 *10,850	3300 7,050	*1500 *3,300	1450 3,200	13 790 550
-4500 mm -180 in	kg lb	*3700 *8,200	*3700 *8,200	*4450 *9,900	*4450 *9,900	*6100 *13,750	*6100 *13,750	*6400 *13,800	4350 9,400	*5050 *10,900	3250 6,950	*1700 *3,800	1550 3,400	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,150	*4550 *10,150	*5450 *12,200	*5450 *12,200	*7250 *16,350	6700 14,400	*6150 *13,250	4400 9,500	*4900 *10,550	3250 7,000	*2000 *4,500	1700 3,800	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,300	*5500 *12,300	*6600 *14,850	*6600 *14,850	*7300 *15,650	6900 14,800	*5650 *12,150	4500 9,750	*4550 *9,800	3300 7,150	*2550 *5,700	2000 4,450	11 240 440
-9000 mm -360 in	kg lb			*8000 *17,500	*8000 *17,500	*6150 *13,100	*6150 *13,100	*4850 *10,350	4700 10,150	*3950 *8,300	3450 7,500	*2700 *5,900	2500 5,600	9800 380



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

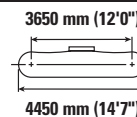
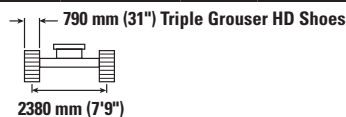
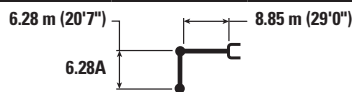
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in				mm in
												
12 000 mm 480 in	kg lb									*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,750	*2200 *4,750					*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2000 *3,700	*2000 *3,700			*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb			*2250 *4,950	*2250 *4,950	*2250 *4,900	*2250 4,850			*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2250 4,750	*1850 *3,250	1750 *3,250	*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2600 *5,600	*2600 *5,600	*2400 *5,250	2150 4,600	*2300 *4,650	1750 3,650	*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,050	2550 5,500	*2550 *5,550	2050 4,400	*2400 *5,200	1650 3,550	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb	*3450 *7,450	3050 6,550	*3000 *6,500	2400 5,200	*2700 *5,850	1950 4,200	*2500 *5,400	1600 3,450	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb	*3750 *8,050	2850 6,100	*3200 *6,900	2300 4,900	*2850 *6,150	1900 4,000	2550 5,450	1550 3,300	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2700 5,800	*3350 *7,250	2200 4,700	*2950 6,350	1800 3,850	2500 5,350	1500 3,250	*1400 *3,000	*1400 *3,000	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2600 5,550	*3450 *7,450	2100 4,550	2900 6,250	1750 3,750	*2300 *3,700	1500 3,200	*1500 *3,300	1450 3,200	13 790 550
-4500 mm -180 in	kg lb	*4100 *8,900	2550 5,450	3450 7,400	2100 4,450	2900 6,200	1750 3,750			*1700 *3,800	1550 3,400	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2550 5,500	*3350 *7,200	2100 4,500	*2800 *5,150	1800 3,850			*2000 *4,500	1700 3,800	12 340 490
-7500 mm -300 in	kg lb	*3750 *8,000	2600 5,650	*3050 *6,450	2150 4,650					*2550 *5,700	2000 4,450	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,550	2750 5,950							*2700 *5,900	2500 5,600	9800 380



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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

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

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill %	5.4 mt (11,900 lb) Counterweight		
		mm	in	m ³	yd ³	kg	lb		HD Reach Boom		SLR Boom
									R2.9 (9'6")	R2.5 (8'2")	6.28A (20'7")
Pin-On (No Quick Coupler)											
General Duty	B	600	24	0.46	0.61	546	1,204	100	●	●	
	B	750	30	0.64	0.84	617	1,361	100	●	●	
	B	1000	39	0.93	1.22	710	1,566	100	●	●	
	B	1050	42	1.00	1.31	731	1,611	100	●	●	
	B	1200	48	1.19	1.56	799	1,761	100	●	●	
	B	1400	55	1.43	1.87	866	1,909	100	X	X	
	B	1500	60	1.58	2.06	906	1,997	100	X	X	
Heavy Duty (HD)	B	600	24	0.46	0.61	629	1,386	100	●	●	
	B	750	30	0.64	0.84	728	1,605	100	●	●	
	B	900	36	0.81	1.06	806	1,775	100	●	●	
	B	1050	42	1.00	1.31	860	1,895	100	●	●	
	B	1200	48	1.19	1.56	916	2,018	100	●	●	
	B	1350	54	1.38	1.81	1018	2,244	100	X	●	
	B	1500	60	1.58	2.06	1079	2,378	100	X	X	
Severe Duty (SD)	B	900	36	0.81	1.06	868	1,913	90	●	●	
Mud/Cleanup	B	1800	72	1.60	2.09	1021	2,251	100	⊙	⊙	
	B	2000	78	1.76	2.31	1088	2,399	100	⊖	⊙	
Ditch Cleaning – Tilt	B	1800	72	1.40	1.83	1148	2,531	100	⊙	●	
General Duty	312	900	36	0.53	0.69	403	888	100			○
Ditch Cleaning Long Reach	312	1200	48	0.57	0.74	386	851	100			○
Maximum load with pin-on (payload + bucket)								kg	3710	3980	1140
								lb	8,179	8,774	2,513

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 +A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

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)

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility *(continued)*

	Linkage	Width		Capacity		Weight		Fill %	5.4 mt (11,900 lb) Counterweight	
		mm	in	m ³	yd ³	kg	lb		HD Reach Boom	
									R2.9 (9'6")	R2.5 (8'2")
With Cat Pin Grabber Coupler										
General Duty	B	600	24	0.46	0.61	546	1,204	100	●	●
	B	750	30	0.64	0.84	617	1,361	100	●	●
	B	1000	39	0.93	1.22	710	1,566	100	●	●
	B	1050	42	1.00	1.31	731	1,611	100	●	●
	B	1200	48	1.19	1.56	799	1,761	100	●	●
	B	1400	55	1.43	1.87	866	1,909	100	⊙	⊙
	B	1500	60	1.58	2.06	906	1,997	100	⊖	⊙
Heavy Duty	B	600	24	0.46	0.61	629	1,386	100	●	●
	B	750	30	0.64	0.84	728	1,605	100	●	●
	B	900	36	0.81	1.06	806	1,775	100	●	●
	B	1050	42	1.00	1.31	860	1,895	100	●	●
	B	1200	48	1.19	1.56	916	2,018	100	●	●
	B	1350	54	1.38	1.81	1018	2,244	100	⊙	⊙
	B	1500	60	1.58	2.06	1079	2,378	100	⊖	⊖
Severe Duty	B	900	36	0.81	1.06	868	1,913	90	●	●
Mud/Cleanup	B	1800	72	1.60	2.09	1021	2,251	100	⊖	⊖
	B	2000	78	1.76	2.31	1088	2,399	100	○	⊖
Ditch Cleaning – Tilt	B	1800	72	1.40	1.83	1148	2,531	100	⊖	⊙
Maximum load with coupler (payload + bucket)								kg	3288	3558
								lb	7,250	7,845

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 +A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)

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.

323 Hydraulic Excavator Specifications

Attachments Offering Guide

PIN-ON ATTACHMENTS

Counterweight		5.4 mt (11,900 lb)	
Boom Type		HD Reach Boom	
Stick Length		2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC	✓	✓
	H120 GC S	✓	✓
	H120E S	✓	✓
	H130E S	✓	✓
Demolition and Sorting Grapples	G315B	✓	✓
	G320B	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓	✓
Rippers		✓	✓
Cat Pin Grabber Couplers		✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		5.4 mt (11,900 lb)	
Boom Type		HD Reach Boom	
Stick Length		2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC	✓	✓
	H120 GC S	✓	✓
	H120E S	✓	✓
	H130E S	✓	✓
Demolition and Sorting Grapples	G315B	✓	✓
	G320B	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓	✓
Rippers		✓	✓

BOOM-MOUNT ATTACHMENTS

Counterweight		5.4 mt (11,900 lb)	
Boom Type		HD Reach Boom	
Mobile Scrap and Demolition Shears	S2050	✓	
	S3035	✓	

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
ENGINE			UNDERCARRIAGE AND STRUCTURES		
C7.1 single turbo diesel engine	✓		Tie-down points on base frame	✓	
Three selectable power modes	✓		Track guiding guard, segmented two pieces	✓	
Automatic engine speed control	✓		Track guiding guard, full length		✓
Automatic engine idle shutdown	✓		Heavy-duty bottom guard	✓	
Work up to 3000 m (9,840 ft) above sea level without engine power de-rating	✓		Standard swivel guard		✓
52° C (125° F) high-ambient cooling capacity	✓		Heavy-duty travel motor guards	✓	
Cold starting capability for -18° C (0° F)	✓		Grease lubricated track links	✓	
Double element air filter with integrated precleaner	✓		5400 kg (11,900 lb) counterweight	✓	
Electric fuel priming pump	✓		HD swing frame	✓	
On-demand electric cooling fans with auto-reverse function	✓		HD swing bearing	✓	
Biodiesel capability up to B20	✓		HD base frame with SD track rollers and standard carrier rollers	✓	
HYDRAULIC SYSTEM			BOOMS, STICKS AND LINKAGES		
Boom and stick regeneration circuits	✓		600 mm (24 in) HD triple grouser track shoes	✓	
Boom/stick lowering check valves	✓		700 mm (28 in) HD triple grouser track shoes		✓
Heavy lift configuration	✓		790 mm (31 in) HD triple grouser track shoes		✓
Electronic main control valve	✓		5.7 m (18'8") HD Reach boom	✓	
Automatic hydraulic oil warm up	✓		8.85 m (29'0") Super Long Reach boom		✓
Automatic two-speed travel	✓		2.9 m (9'6") Reach stick	✓	
Boom and stick drift reduction valve	✓		2.5 m (8'2") Reach stick		✓
Element type main hydraulic filter	✓		6.28 m (20'7") Super Long Reach stick		✓
Slider joysticks	✓		Bucket linkage, B1-family with lifting eye	✓	
Tandem type electronic main pump	✓		Bucket linkage, A-family, without lifting eye		✓
Hammer return filter circuit		✓			
Advanced Tool Control (two pump, one/two way high-pressure flow)	✓				
Medium pressure auxiliary circuit		✓			
Quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓			
Fine swing control	✓				

(continued on next page)

323 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
ELECTRICAL SYSTEM			SERVICE AND MAINTENANCE		
1,000 CCA maintenance-free batteries (×2)	✓		Sampling ports for Scheduled Oil Sampling (S·O·S SM)	✓	
Centralized electrical disconnect switch	✓		QuickEvac TM maintenance ready		✓
Programmable time-delay LED working lights	✓		Grouped location for engine oil and fuel filters	✓	
LED chassis light, LH and RH boom lights, cab lights	✓		Ground-level second dipstick for engine oil	✓	
LED chassis light, LH and RH boom lights, cab lights with cover and rain protector – for use with 360° visibility		✓	Radiator screen		✓
CAT TECHNOLOGY			SAFETY AND SECURITY		
Cat Product Link TM	✓		Rearview and right-side-view cameras	✓	
Work tool recognition	✓		360° visibility		✓
Work tool tracking*	✓		Neutral lever (lock out) for all controls	✓	
Laser catcher		✓	Anti-skid plate and countersunk bolts on service platform	✓	
Cat GRADE with 2D and offset memory	✓		Ground-level accessible secondary engine shutoff switch in cab	✓	
Cat GRADE with Advanced 2D		✓	RH handrail and hand hold (ISO 2867:2011 compliant)	✓	
Cat GRADE with 3D connectivity: – Virtual Reference Station** – Internet Base Service Station** – Trimble Connected Community**		✓	Travel alarm	✓	
Cat Assist: – Grade Assist – Boom Assist – Bucket Assist – Swing Assist – Lift Assist	✓				
Cat PAYLOAD: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability	✓				
2D E-Fence: – E-ceiling – E-floor – E-swing – E-wall – E-cab avoidance	✓				
Auto hammer stop	✓				
Remote Services capability	✓				

*Paired with PL161 attachment locator.

**Subscription required.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Radial lower wiper for 70/30 with washer
- RH electrical pedal for tool control
- Rain protector plus cab light cover
- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Bluetooth® key fob

ELECTRICAL

- Jump start wiring
- Premium lighting package

GUARDS

- Side rubber bumper
- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Full protecting vandalism guard

323 Cab Options

Cab Options

	Deluxe
ROPS, standard sound suppression	●
High-resolution 254 mm (10 in) LCD touchscreen monitor	●
High-resolution 254 mm (10 in) LCD touchscreen monitor + additional monitor (for use with Cat GRADE with Advanced 2D or Cat GRADE with 3D)	○
Automatic bi-level air conditioner	●
Jog dial and shortcut keys for monitor control	●
Keyless push-to-start engine control	●
Height-adjustable console, infinite with no tool	●
Heated seat with air-adjustable suspension	●
51 mm (2 in) seat belt	●
Tilt-up left-side console	●
Bluetooth integrated radio with USB ports	●
12V DC outlets	●
Document storage	●
Rear head storage net and lunchbox storage net	●
Cup and bottle holders	●
Openable two-piece front window	●
Upper radial wiper with washer	○
Openable polycarbonate skylight hatch	●
LED dome light	●
Floor welcome light	●
Roller front sunscreen	●
Roller rear sunscreen	○
Rear window emergency exit	●
Washable floor mat	●
Beacon ready	●

● Standard

○ Optional

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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AEXQ2212-03 (11-2019)
Replaces AEXQ2212-02
Build Number: 07C
(ANZ)

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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