



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	
Net Power		
ISO 9249	128.5 kW	172 hp
ISO 9249 (DIN)	175 hp (metric)	
Engine Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (DIN)	176 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³
Biodiesel Capability	Up to B20 ⁽¹⁾	

- 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 2,200 rpm.

⁽¹⁾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.*

Swing Mechanism

Swing Speed	11.25 rpm	
Maximum Swing Torque	82 kN·m	60,300 lbf·ft

Weights

Operating Weight	24 500 kg	54,000 lb
• Long undercarriage, Heavy Duty (HD) Reach Boom, R2.9 (9'6") Stick, 1.19 m ³ (1.56 yd ³) HD bucket and 600 mm (24 in) HD triple grouser shoes and 5.4 mt (11,900 lb) counterweight.		

Track

Optional Track Shoes Width	600 mm	24 in
	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

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 – Heavy Lift Mode/Auto Dig Boost	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 – Heavy Lift	125 mm	5 in
Boom Cylinder – Stroke – Heavy Lift	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)	6 L	1.6 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
Diesel Exhaust Fluid (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/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

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Operating Weights and Ground Pressures

	600 mm (24 in) HD Triple Grouser Shoes				700 mm (28 in) HD Triple Grouser Shoes				790 mm (31 in) HD Triple Grouser Shoes			
	Weight		Ground Pressure		Weight		Ground Pressure		Weight		Ground Pressure	
Base Machine Configurations	kg	lb	kPa	psi	kg	lb	kPa	psi	kg	lb	kPa	psi
Base Frame with Track Rollers and Carrier Rollers												
5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine												
HD Reach Boom + R2.9 (9'6") Stick + 1.19 m ³ (1.56 yd ³) HD	24 500	(54,000)	51.0	(7.4)	24 900	(54,900)	44.4	(6.4)	25 200	(55,600)	39.8	(5.8)

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

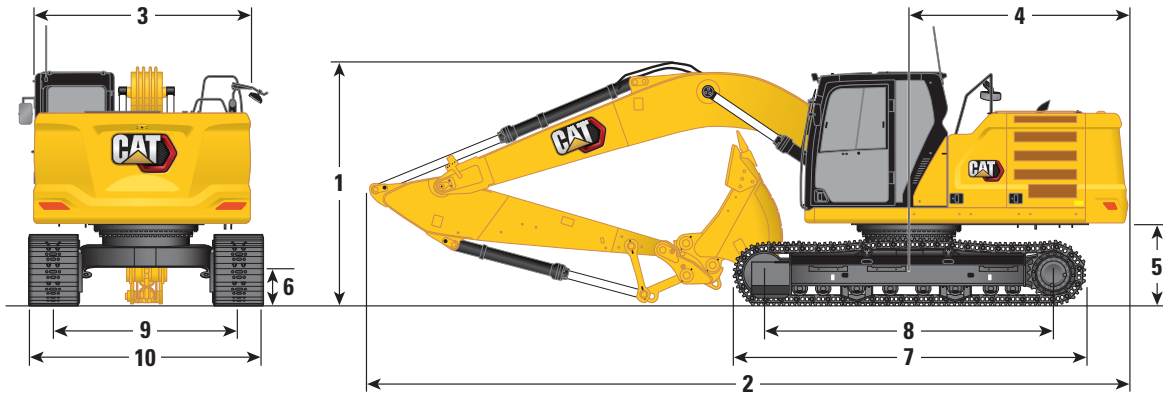
Major Component Weights

	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	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) Counterweight	5400	11,900
Swing Frame	2090	4,600
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 (SLR) Boom 8.85 m (29'0")	2170	4,800
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R2.9B1 (9'6")	1080	2,400
HD Reach Stick R2.9B1 (9'6")	1210	2,700
Reach Stick R2.5B1 (8'2")	1020	2,200
HD Reach Stick R2.5B1 (8'2")	1180	2,600
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) Ditch Cleaning (DC)	390	900
0.53 m ³ (0.69 yd ³) General Duty (GD)	410	900
Quick Couplers:		
Pin Grabber	390	850
Universal	230	500

323 Hydraulic Excavator Specifications

Dimensions

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

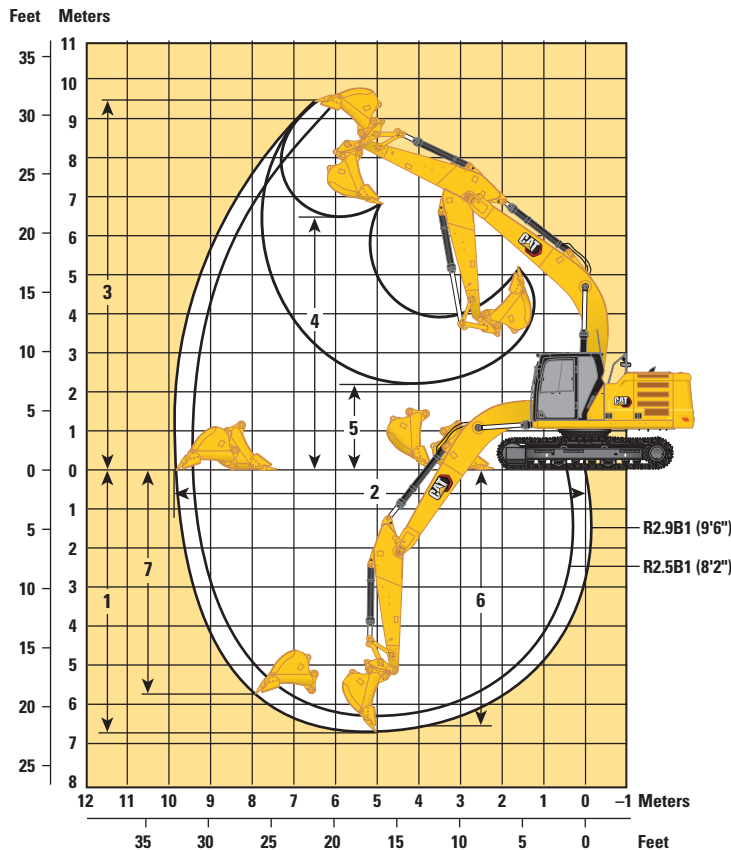


Boom Options	HD Reach Boom 5.7 m (18'8")		SLR Boom 8.85 m (29'0")				
Stick Options	Reach and HD Reach Stick R2.9B1 (9'6")		Reach and HD Reach Stick R2.5B1 (8'2")		SLR Stick 6.28A (20'7")		
1 Machine Height:							
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"	
Top of Global Navigation Satellite System (GNSS) Antenna Height (if installed)	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"	
Top of OPG Height	3100 mm	10'2"	3100 mm	10'2"	3100 mm	10'2"	
Handrail 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	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 Track Length	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"	
8 Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"	
9 Track Gauge	2380 mm	7'9"	2380 mm	7'9"	2380 mm	7'9"	
10 Undercarriage Width:							
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 and HD Reach Stick R2.9B1 (9'6")

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

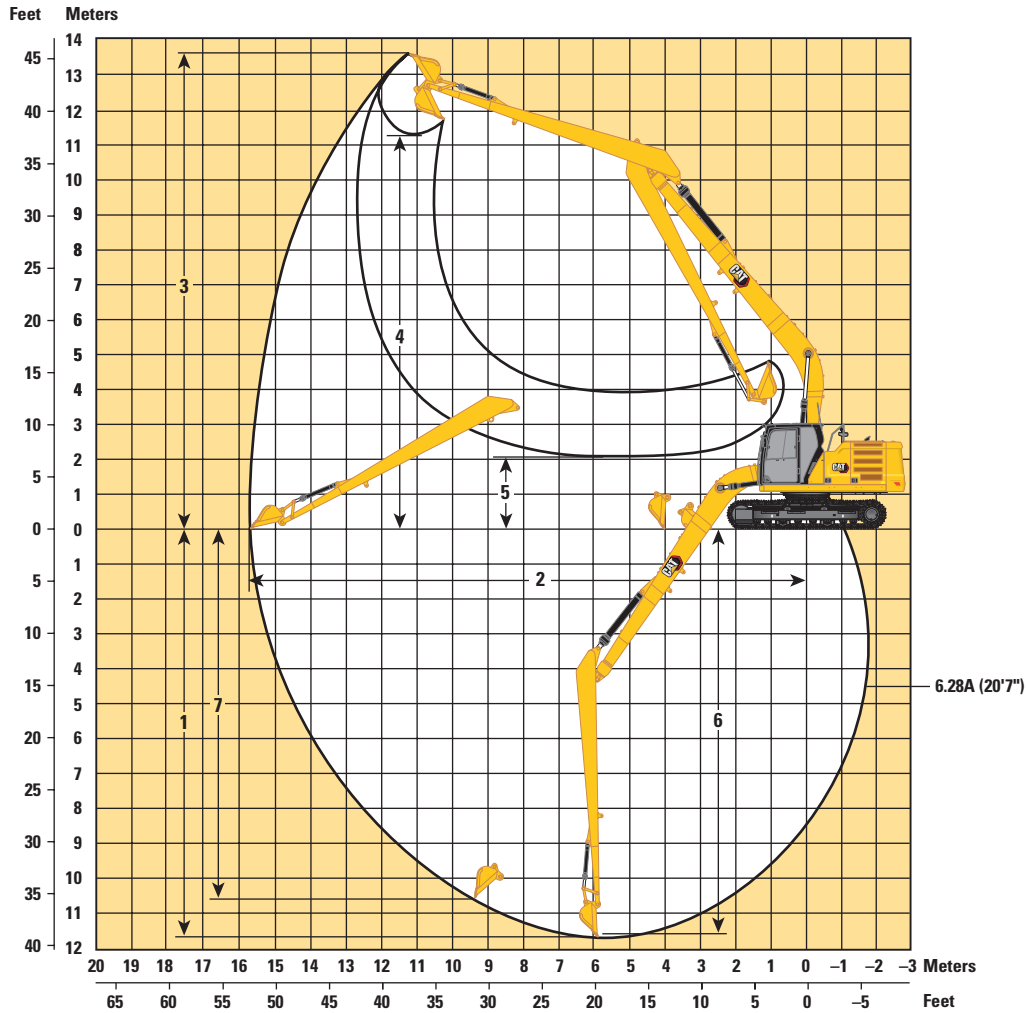
	Reach and HD Reach Stick R2.9B1 (9'6")	Reach and HD Reach Stick R2.5B1 (8'2")
1 Maximum Digging Depth	6730 mm	6310 mm
2 Maximum Reach at Ground Line	9870 mm	9470 mm
3 Maximum Cutting Height	9450 mm	9250 mm
4 Maximum Loading Height	6480 mm	6280 mm
5 Minimum Loading Height	2160 mm	2580 mm
6 Maximum Depth 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	1.19 m ³	1.19 m ³
Bucket Tip Radius	1570 mm	1570 mm

*8.5% Auto Dig Boost pressure not included.

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")

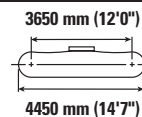
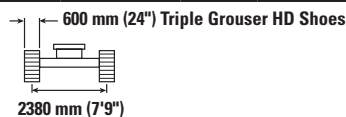
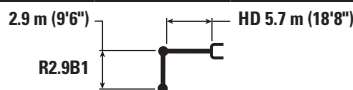
Stick Options

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

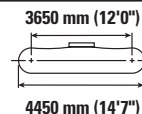
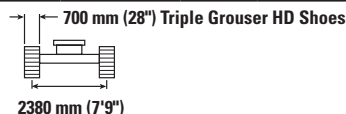
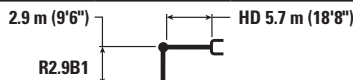
323 Hydraulic Excavator Specifications

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450	*5450			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*5950 *12,950	*5950 *12,950	*5600 *12,300	4500 9,650	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in	kg lb					*8700 *18,700	*8700 *18,700	*6850 *14,800	6050 13,050	*5950 *13,000	4400 9,450	*4000 *8,800	*3750 *8,200	8360 330
1500 mm 60 in	kg lb					*10 500 *22,650	8600 18,550	*7750 *16,800	5800 12,500	*6400 *13,900	4250 9,200	*4250 *9,350	3600 7,950	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 500 *24,850	8300 17,900	*8400 *18,200	5600 12,100	6350 13,700	4150 9,000	*4700 *10,350	3700 8,050	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 600 *25,100	8200 17,650	*8600 *18,550	5550 11,900	6350 13,600	4150 8,900	*5500 *12,150	3950 8,700	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 350 *33,250	*15 350 *33,250	*10 850 *23,450	8250 17,800	*8050 *17,350	5550 12,000			*6600 *14,600	4600 10,250	6950 280
-4500 mm -180 in	kg lb			*12 250 *26,200	*12 250 *26,200	*8800 *18,800	8500 18,300					*6700 *14,650	6300 14,200	5600 220

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,900	*5450 *11,900			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*5950 *12,950	*5950 *12,950	*5600 *12,300	4550 9,800	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in	kg lb					*8700 *18,700	*8700 *18,700	*6850 *14,800	6150 13,200	*5950 *13,000	4450 9,550	*4000 *8,800	*3800 *8,350	8360 330
1500 mm 60 in	kg lb					*10 500 *22,650	8750 18,800	*7750 *16,800	5900 12,650	*6400 *13,950	4350 9,300	*4250 *9,350	3650 8,050	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 500 *24,850	8450 18,150	*8400 *18,200	5700 12,250	6450 13,900	4250 9,100	*4700 *10,350	3750 8,200	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 600 *25,100	8350 17,950	*8600 *18,550	5600 12,100	6450 13,850	4200 9,050	*5500 *12,150	4000 8,850	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 350 *33,250	*15 350 *33,250	*10 850 *23,450	8400 18,050	*8050 *17,350	5650 12,150			*6600 *14,600	4700 10,400	6950 280
-4500 mm -180 in	kg lb			*12 250 *26,200	*12 250 *26,200	*8800 *18,800	8600 18,550					*6700 *14,650	6400 14,400	5600 220



ISO 10567:2007



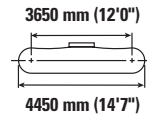
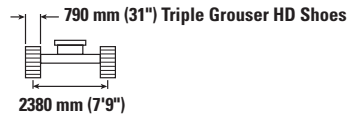
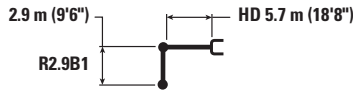
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

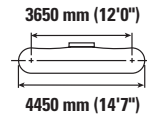
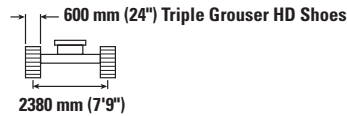
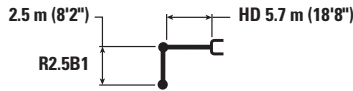
323 Hydraulic Excavator Specifications

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



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		
7500 mm 300 in								*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in								*5450	*5450			*4000 *8,800	4000 *8,800	7290 290
4500 mm 180 in								*5950 *12,950	*5950 *12,950	*5600 *12,300	4600 9,900	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in						*8700 *18,700	*8700 *18,700	*6200 *14,800	6200 13,350	*5950 *13,000	4500 9,700	*4000 *8,800	*3850 *8,450	8360 330
1500 mm 60 in						*10 500 *22,650	8800 19,000	*7750 *16,800	5950 12,800	*6400 *13,950	4400 9,400	*4250 *9,350	3700 8,150	8450 340
0 mm 0 in				*6600 *15,200	*6600 *15,200	*11 500 *24,850	8500 18,350	*8400 *18,200	5750 12,400	6550 14,050	4300 9,200	*4700 *10,350	3750 8,300	8260 330
-1500 mm -60 in		*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 600 *25,100	8450 18,150	*8600 *18,550	5700 12,200	6500 14,000	4250 9,150	*5500 *12,150	4050 8,950	7780 310
-3000 mm -120 in		*12 100 *27,150	*12 100 *27,150	*15 350 *33,250	*15 350 *33,250	*10 850 *23,450	8500 18,250	*8050 *17,350	5700 12,300			*6600 *14,600	4750 10,500	6950 280
-4500 mm -180 in				*12 250 *26,200	*12 250 *26,200	*8800 *18,800	8700 18,750					*6700 *14,650	6450 14,550	5600 220

HD 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										*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in						*5850 *12,900	*5850 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in				*7350 *15,900	*7350 *15,900	*6350 *13,750	6200 13,400	*5250	4450	*4650 *10,250	4350 9,650	7570 300
3000 mm 120 in				*9250 *19,900	9000 19,400	*7150 *15,500	6000 12,900	*6200 *13,550	4350 9,350	*4750 *10,450	4000 8,750	7960 320
1500 mm 60 in				*10 900 *23,500	8500 18,300	*8000 *17,300	5750 12,400	6450 13,850	4250 9,100	*5100 *11,150	3850 8,450	8050 320
0 mm 0 in				*11 650 *25,150	8250 17,800	*8500 *18,450	5600 12,050	6350 13,700	4150 8,950	*5700 *12,500	3900 8,600	7860 310
-1500 mm -60 in		*12 000 *27,300	*12 000 *27,300	*11 450 *24,850	8200 17,700	*8550 *18,450	5550 11,900			6550 14,400	4250 9,400	7350 290
-3000 mm -120 in		*14 350 *31,150	*14 350 *31,150	*10 450 *22,550	8300 17,900	*7700 *16,550	5600 12,100			*6900 *15,200	5100 11,350	6470 260
-4500 mm -180 in				*7800 *16,350	*7800 *16,350					*6750 *14,800	*6750 *14,800	4980 200



ISO 10567:2007



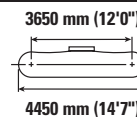
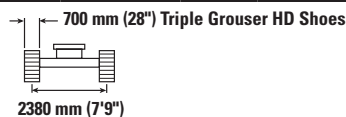
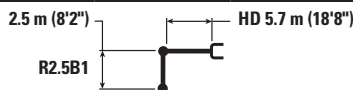
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Lift capacity stays with ±5% for all available track shoes.

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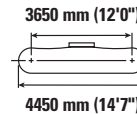
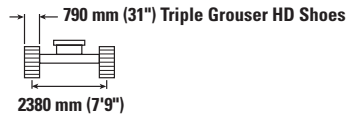
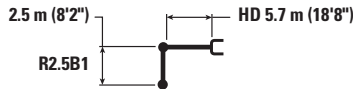
323 Hydraulic Excavator Specifications

HD 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										*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in						*5850 *12,900	*5850 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in				*7350 *15,900	*7350 *15,900	*6350 *13,750	6300 13,550	*5250 4500		*4650 *10,250	4400 9,800	7570 300
3000 mm 120 in				*9250 *19,900	9100 19,600	*7150 *15,500	6050 13,050	*6200 *13,550	4400 9,450	*4750 *10,450	4050 8,900	7960 320
1500 mm 60 in				*10 900 *23,500	8600 18,550	*8000 *17,300	5800 12,550	6550 14,050	4300 9,250	*5100 *11,150	3900 8,550	8050 320
0 mm 0 in				*11 650 *25,150	8350 18,000	*8500 *18,450	5650 12,200	6450 13,850	4200 9,100	*5700 *12,500	4000 8,750	7860 310
-1500 mm -60 in		*12 000 *27,300	*12 000 *27,300	*11 450 *24,850	8350 17,900	*8550 *18,450	5600 12,100			6600 14,600	4350 9,550	7350 290
-3000 mm -120 in		*14 350 *31,150	*14 350 *31,150	*10 450 *22,550	8450 18,150	*7700 *16,550	5700 12,250			*6900 *15,200	5200 *11,500	6470 260
-4500 mm -180 in				*7800 *16,350	*7800 *16,350					*6750 *14,800	*6750 *14,800	4980 200

HD 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										*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in						*5850 *12,900	*5850 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in				*7350 *15,900	*7350 *15,900	*6350 *13,750	6300 13,700	*5250 4550		*4650 *10,250	4450 9,900	7570 300
3000 mm 120 in				*9250 *19,900	9200 19,800	*7150 *15,500	6100 13,200	*6200 *13,550	4450 9,550	*4750 *10,450	4100 9,000	7960 320
1500 mm 60 in				*10 900 *23,500	8700 18,750	*8000 *17,300	5900 12,650	*6600 *14,200	4350 9,350	*5100 *11,150	3950 8,650	8050 320
0 mm 0 in				*11 650 *25,150	8450 18,200	*8500 *18,450	5700 12,350	6500 14,050	4250 9,200	*5700 *12,500	4000 8,850	7860 310
-1500 mm -60 in		*12 000 *27,300	*12 000 *27,300	*11 450 *24,850	8400 18,100	*8550 *18,450	5650 12,200			6700 14,750	4400 9,650	7350 290
-3000 mm -120 in		*14 350 *31,150	*14 350 *31,150	*10 450 *22,550	8500 18,350	*7700 *16,550	5750 12,400			*6900 *15,200	5250 11,600	6470 260
-4500 mm -180 in				*7800 *16,350	*7800 *16,350					*6750 *14,800	*6750 *14,800	4980 200



ISO 10567:2007



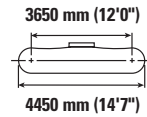
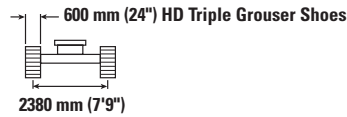
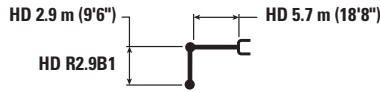
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Lift capacity stays with ±5% for all available track shoes.

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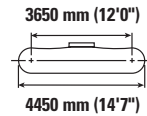
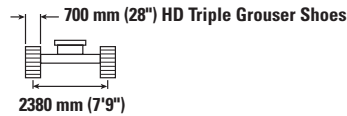
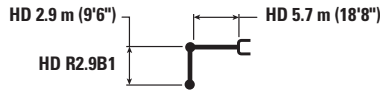
323 Hydraulic Excavator Specifications

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



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		
7500 mm 300 in	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6150 240
6000 mm 240 in	kg lb							*5300 *11,650	*5300 *11,650			*3900 *8,650	*3900 *8,650	7290 290
4500 mm 180 in	kg lb							*5850 *12,700	*5850 *12,700	*5500 9,400	4400	*3850 *8,450	*3850 *8,450	7990 320
3000 mm 120 in	kg lb					*8550 *18,350	*8550 *18,350	*6700 *14,500	5950 12,800	*5850 *12,700	4300 9,200	*3950 *8,650	3650 8,000	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	8450 18,200	*7600 *16,450	5650 12,200	*6300 *13,650	4150 8,950	*4150 *9,150	3500 7,700	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	8150 17,500	*8250 *17,850	5500 11,800	6250 13,450	4050 8,750	*4600 *10,150	3550 7,850	8260 330
-1500 mm -60 in	kg lb	*7000 *15,650	*7000 *15,650	*11 350 *25,750	*11 350 *25,750	*11 400 *24,700	8050 17,300	*8450 *18,250	5400 11,600	6200 13,400	4000 8,650	*5400 *11,950	3850 8,450	7780 310
-3000 mm -120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	*15 150 *32,750	*10 700 *23,050	8100 17,450	*7900 *17,050	5450 11,700			*6500 *14,250	4500 10,000	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	8350 17,950					*6550 *14,350	6200 13,900	5600 220

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



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		
7500 mm 300 in	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6150 240
6000 mm 240 in	kg lb							*5300 *11,650	*5300 *11,650			*3900 *8,650	*3900 *8,650	7290 290
4500 mm 180 in	kg lb							*5850 *12,700	*5850 *12,700	*5500 *12,000	4450 9,550	*3850 *8,450	*3850 *8,450	7990 320
3000 mm 120 in	kg lb					*8550 *18,350	*8550 *18,350	*6700 *14,500	6000 12,950	*5850 *12,700	4350 9,300	*3950 *8,650	3700 8,100	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	8550 18,450	*7600 *16,450	5750 12,350	*6300 *13,650	4200 9,050	*4150 *9,150	3550 7,800	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	8250 17,750	*8250 *17,850	5550 11,950	6350 13,650	4100 8,850	*4600 *10,150	3600 7,950	8260 330
-1500 mm -60 in	kg lb	*7000 *15,650	*7000 *15,650	*11 350 *25,750	*11 350 *25,750	11400 *24,700	8150 17,550	*8450 *18,250	5450 11,750	6300 13,550	4100 8,800	*5400 *11,950	3900 8,600	7780 310
-3000 mm -120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	*15 150 *32,750	*10 700 *23,050	8200 17,700	*7900 *17,050	5500 11,850			*6500 *14,250	4550 10,100	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	8450 18,200					*6550 *14,350	6250 14,100	5600 220



ISO 10567:2007



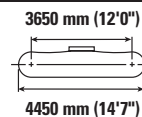
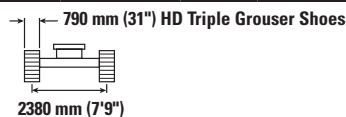
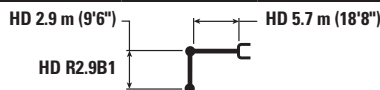
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Lift capacity stays with ±5% for all available track shoes.

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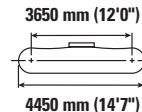
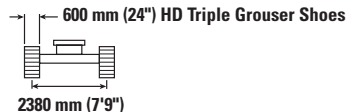
323 Hydraulic Excavator Specifications

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



Reach (mm/in)	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm/in		
		HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	mm	in	
7500 mm 300 in	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6150 240
6000 mm 240 in	kg lb							*5300 *11,650	*5300 *11,650			*3900 *8,650	*3900 *8,650	7290 290
4500 mm 180 in	kg lb							*5850 *12,700	*5850 *12,700	*5500 12,000	4500 9,650	*3850 *8,450	*3850 *8,450	7990 320
3000 mm 120 in	kg lb					*8550 *18,350	*8550 *18,350	*6700 *14,500	6050 13,100	*5850 *12,700	4400 9,450	*3950 *8,650	3700 8,200	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	8650 18,650	*7600 *16,450	5800 12,500	*6300 *13,650	4250 9,150	*4150 *9,150	3600 7,900	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	8350 17,950	*8250 *17,850	5600 12,100	6400 13,800	4150 8,950	*4600 *10,150	3650 8,050	8260 330
-1500 mm -60 in	kg lb	*7000 *15,650	*7000 *15,650	*11 350 *25,750	*11 350 *25,750	*11 400 *24,700	8250 17,750	*8450 *18,250	5550 11,900	6400 13,750	4150 8,900	*5400 *11,950	3950 8,700	7780 310
-3000 mm -120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	*15 150 *32,750	*10 700 *23,050	8300 17,900	*7900 *17,050	5550 12,000			*6500 *14,250	4600 10,250	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	8550 18,400					*6550 *14,350	6350 14,250	5600 220

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



Reach (mm/in)	Unit	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm/in		
		HD	HD	HD	HD	HD	HD	HD	HD	mm	in	
7500 mm 300 in	kg lb									*5100 *11,350	*5100 *11,350	5600 220
6000 mm 240 in	kg lb					*5750 *12,600	*5750 *12,600			*4700 *10,350	*4700 *10,350	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	6100 13,150	*5150	4350	*4600 *10,100	4250 9,450	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	8850 19,100	*7000 *15,200	5850 12,650	*6100 *13,250	4250 9,100	*4700 *10,350	3900 8,550	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	8350 18,000	*7850 *16,950	5600 12,100	6350 13,600	4150 8,900	*5000 *11,000	3750 8,200	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	8100 17,450	*8350 *18,100	5450 11,750	6250 13,450	4050 8,700	*5600 *12,350	3800 8,400	7860 310
-1500 mm -60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	8050 17,350	*8400 *18,150	5400 11,650			6400 14,150	4150 9,150	7350 290
-3000 mm -120 in	kg lb	*14 150 *30,650	*14 150 *30,650	*10 250 *22,200	8150 17,550	*7600 *16,200	5500 11,800			*6800 *14,900	5000 11,100	6470 260
-4500 mm -180 in	kg lb			*7650 *16,000	*7650 *16,000					*6600 *14,500	*6600 *14,500	4980 200



ISO 10567:2007



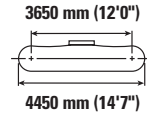
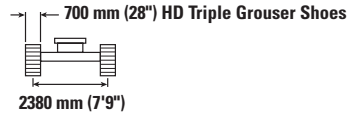
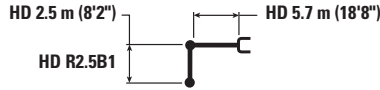
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Lift capacity stays with ±5% for all available track shoes.

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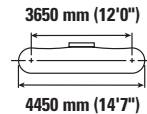
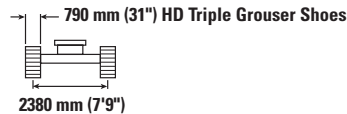
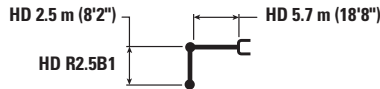
323 Hydraulic Excavator Specifications

HD 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		3650 mm (12'0") 4450 mm (14'7")		mm in
7500 mm 300 in	kg lb									*5100 *11,350	*5100 *11,350	5600 220
6000 mm 240 in	kg lb					*5750 *12,600	*5750 *12,600			*4700 *10,350	*4700 *10,350	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	6200 13,350	*5150	4400	*4600 *10,100	4300 9,550	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	8950 19,350	*7000 *15,200	5950 12,800	*6100 *13,250	4300 9,250	*4700 *10,350	3950 8,650	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	8450 18,200	*7850 *16,950	5700 12,250	6400 13,800	4200 9,000	*5000 *11,000	3800 8,350	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	8200 17,650	*8350 *18,100	5550 11,900	6350 13,650	4100 8,850	*5600 *12,350	3850 8,500	7860 310
-1500 mm -60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	8150 17,550	*8400 *18,150	5500 11,800			6500 14,350	4200 9,300	7350 290
-3000 mm -120 in	kg lb	*14 150 *30,650	*14 150 *30,650	*10 250 *22,200	8250 17,800	*7600 *16,200	5550 12,000			*6800 *14,900	5050 11,250	6470 260
-4500 mm -180 in	kg lb			*7650 *16,000	*7650 *16,000					*6600 *14,500	*6600 *14,500	4980 200

HD 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		3650 mm (12'0") 4450 mm (14'7")		mm in
7500 mm 300 in	kg lb									*5100 *11,350	*5100 *11,350	5600 220
6000 mm 240 in	kg lb					*5750 *12,600	*5750 *12,600			*4700 *10,350	*4700 *10,350	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	6200 13,450	*5150	4450	*4600 *10,100	4350 9,650	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	9050 19,550	*7000 *15,200	6000 12,950	*6100 *13,250	4350 9,350	*4700 *10,350	3950 8,750	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	8550 18,400	*7850 *16,950	5750 12,400	*6450 13,950	4250 9,100	*5000 *11,000	3850 8,400	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	8300 17,850	*8350 *18,100	5600 12,050	6400 13,800	4150 8,950	*5600 *12,350	3900 8,600	7860 310
-1500 mm -60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	8250 17,750	*8400 *18,150	5550 11,950			*6600 *14,500	4250 9,400	7350 290
-3000 mm -120 in	kg lb	*14 150 *30,650	*14 150 *30,650	*10 250 *22,200	8350 18,000	*7600 *16,200	5600 12,100			*6800 *14,900	5100 *11,350	6470 260
-4500 mm -180 in	kg lb			*7650 *16,000	*7650 *16,000					*6600 *14,500	*6600 *14,500	4980 200



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.

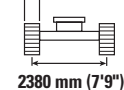
323 Hydraulic Excavator Specifications

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

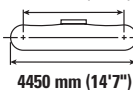
6.28 m (20'7") 8.85 m (29'0")



600 mm (24") Triple Grouser HD Shoes



3650 mm (12'0")



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											*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb			*4700 *11,800	*4700 *11,800	*6050 *12,900	*6050 *12,900	*4450 *9,550	*4450 *9,550	*3600 *7,800	*3600 *7,800	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	5100 11,000	*4100 *8,850	3800 8,150	*1400 *3,000	1350 2,900	14 600 580
0 mm 0 in	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4650 10,000	*4550 *9,800	3500 7,500	*1450 *3,200	1300 2,900	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4350 9,400	*4850 *10,450	3300 7,050	*1550 *3,450	1350 2,900	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4250 9,100	*5000 *10,800	3150 6,800	*1750 *3,800	1400 3,050	13 790 550
-4500 mm -180 in	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,650	*6400 *13,800	4200 9,050	*5050 *10,850	3100 6,700	*1950 *4,300	1500 3,250	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6450 13,900	*6150 *13,250	4250 9,150	*4900 *10,550	3100 6,700	*2300 *5,100	1650 3,650	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6650 14,300	*5650 *12,150	4350 9,400	*4550 *9,750	3200 6,900	*2700 *5,950	1900 4,250	11 240 440
-9000 mm -360 in	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4550 9,800	*3900 *8,300	3350 7,200	*2700 *5,900	2400 5,400	9800 380



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.

(continued on next page)

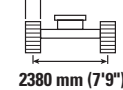
323 Hydraulic Excavator Specifications

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

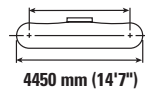
6.28 m (20'7") 8.85 m (29'0")



600 mm (24") Triple Grouser HD Shoes



3650 mm (12'0")



Reach mm in	kg lb	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									*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200			*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	2200 4,700			*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2150 4,600	*2100 *3,700	1700 3,600	*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2100 4,450	*2300 *5,000	1650 3,500	*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5,300	*2550 *5,500	2000 4,250	*2400 *5,150	1600 3,400	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb	*3450 *7,400	2950 6,300	*3000 *6,450	2350 5,000	*2700 *5,800	1900 4,050	*2450 *5,350	1550 3,300	*1400 *3,000	1350 2,900	14 600 580
0 mm 0 in	kg lb	*3700 *8,050	2750 5,900	*3200 *6,900	2200 4,700	*2800 *6,100	1800 3,850	2450 5,250	1500 3,150	*1450 *3,200	1300 2,900	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2600 5,550	*3350 *7,250	2100 4,500	2850 6,100	1750 3,700	2400 5,150	1450 3,100	*1550 *3,450	1350 2,900	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2500 5,350	3350 7,200	2050 4,350	2800 6,000	1700 3,600	2400 *4,200	1450 3,050	*1750 *3,800	1400 3,050	13 790 550
-4500 mm -180 in	kg lb	4100 8,800	2450 5,250	3300 7,150	2000 4,250	2800 6,000	1650 3,600			*1950 *4,300	1500 3,250	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2450 5,250	3350 7,150	2000 4,300	*2800 *5,900	1700 3,650			*2300 *5,100	1650 3,650	12 340 490
-7500 mm -300 in	kg lb	*3750 *7,950	2500 5,400	*3050 *6,450	2050 4,450					*2700 *5,950	1900 4,250	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,500	2650 5,750							*2700 *5,900	2400 5,400	9800 380



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.

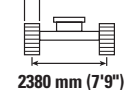
323 Hydraulic Excavator Specifications

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

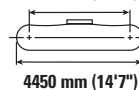
6.28 m (20'7") 8.85 m (29'0")



700 mm (28") Triple Grouser HD Shoes



3650 mm (12'0")



		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											*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb			*4700 *11,800	*4700 *11,800	*6050 *12,900	*6050 *12,900	*4450 *9,550	*4450 *9,550	*3600 *7,800	*3600 *7,800	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	5200 11,200	*4100 *8,850	3850 8,300	*1400 *3,000	1350 3,000	14 600 580
0 mm 0 in	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4750 10,200	*4550 *9,800	3550 7,650	*1450 *3,200	1350 2,950	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4450 9,600	*4850 *10,450	3350 7,200	*1550 *3,450	1350 3,000	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4300 9,300	*5000 *10,800	3250 6,950	*1750 *3,800	1400 3,100	13 790 550
-4500 mm -180 in	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,700	*6400 *13,800	4300 9,200	*5050 *10,850	3150 6,800	*1950 *4,300	1500 3,350	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6600 14,150	*6150 *13,250	4350 9,300	*4900 *10,550	3200 6,850	*2300 *5,100	1700 3,700	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6750 14,600	*5650 *12,150	4450 9,550	*4550 *9,750	3250 7,000	*2700 *5,950	1950 4,350	11 240 440
-9000 mm -360 in	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4600 10,000	*3900 *8,300	3400 7,350	*2700 *5,900	2450 5,500	9800 380



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.

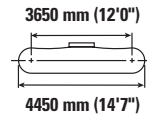
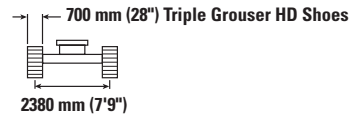
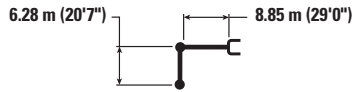
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

323 Hydraulic Excavator Specifications

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



Reach mm in	kg lb	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									*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200			*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	*2200 4,800			*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2200 4,700	*2100 *3,700	1750 3,650	*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2100 4,500	*2300 *5,000	1700 3,600	*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5,400	*2550 *5,500	2000 4,300	*2400 *5,150	1650 3,450	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb	*3450 *7,400	3000 6,400	*3000 *6,450	2400 5,100	*2700 *5,800	1950 4,100	*2450 *5,350	1600 3,350	*1400 *3,000	1350 3,000	14 600 580
0 mm 0 in	kg lb	*3700 *8,050	2800 6,000	*3200 *6,900	2250 4,800	*2800 *6,100	1850 3,950	2500 5,350	1500 3,250	*1450 *3,200	1350 2,950	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2650 5,650	*3350 *7,250	2150 4,600	2900 6,250	1750 3,800	2450 5,250	1500 3,150	*1550 *3,450	1350 3,000	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2550 5,450	3400 7,350	2050 4,450	2850 6,150	1700 3,700	2450 *4,200	1450 3,150	*1750 *3,800	1400 3,100	13 790 550
-4500 mm -180 in	kg lb	*4100 *8,900	2500 5,350	3400 7,300	2050 4,350	2850 6,100	1700 3,650			*1950 *4,300	1500 3,350	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2500 5,400	*3350 *7,200	2050 4,400	*2800 *5,900	1750 3,750			*2300 *5,100	1700 3,700	12 340 490
-7500 mm -300 in	kg lb	*3750 *7,950	2550 5,500	*3050 *6,450	2100 4,550					*2700 *5,950	1950 4,350	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,500	2700 5,850							*2700 *5,900	2450 5,500	9800 380



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.

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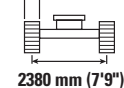
323 Hydraulic Excavator Specifications

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

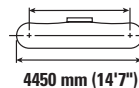
6.28 m (20'7") 8.85 m (29'0")



790 mm (31") Triple Grouser HD Shoes



3650 mm (12'0")



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											*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb			*4700 *11,800	*4700 *11,800	*6050 *12,900	*6050 *12,900	*4450 *9,550	*4450 *9,550	*3600 *7,800	*3600 *7,800	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	5250 11,300	*4100 *8,850	3900 8,400	*1400 *3,000	*1400 *3,000	14 600 580
0 mm 0 in	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4800 10,350	*4550 *9,800	3600 7,750	*1450 *3,200	1350 3,000	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4500 9,700	*4850 *10,450	3400 7,300	*1550 *3,450	1400 3,050	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4400 9,400	*5000 *10,800	3250 7,050	*1750 *3,800	1450 3,150	13 790 550
-4500 mm -180 in	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,700	*6400 *13,800	4350 9,350	*5050 *10,850	3200 6,900	*1950 *4,300	1550 3,400	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6650 14,350	*6150 *13,250	4400 9,450	*4900 *10,550	3250 6,950	*2300 *5,100	1700 3,750	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6850 14,750	*5650 *12,150	4500 9,700	*4550 *9,750	3300 7,100	*2700 *5,950	2000 4,400	11 240 440
-9000 mm -360 in	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4700 10,100	*3900 *8,300	3450 7,450	*2700 *5,900	2500 5,600	9800 380



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.

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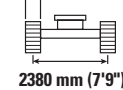
323 Hydraulic Excavator Specifications

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

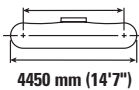
6.28 m (20'7") 8.85 m (29'0")



790 mm (31") Triple Grouser HD Shoes



3650 mm (12'0")



Reach mm in	kg lb	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									*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200			*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	*2200 4,850			*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2200 4,750	*2100 *3,700	1750 *3,700	*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2150 4,550	*2300 *5,000	1700 3,650	*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,000	2550 5,450	*2550 *5,500	2050 4,350	*2400 *5,150	1650 3,500	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb	*3450 *7,400	3000 6,500	*3000 *6,450	2400 5,150	*2700 *5,800	1950 4,150	*2450 *5,350	1600 3,400	*1400 *3,000	*1400 *3,000	14 600 580
0 mm 0 in	kg lb	*3700 *8,050	2850 6,050	*3200 *6,900	2300 4,900	*2800 *6,100	1850 4,000	2550 5,450	1550 3,300	*1450 *3,200	1350 3,000	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2700 5,750	*3350 *7,250	2150 4,650	*2950 *6,300	1800 3,850	2500 5,350	1500 3,200	*1550 *3,450	1400 3,050	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2600 5,550	*3450 *7,450	2100 4,500	2900 6,200	1750 3,750	2450 *4,200	1500 3,150	*1750 *3,800	1450 3,150	13 790 550
-4500 mm -180 in	kg lb	*4100 *8,900	2550 5,450	3450 7,400	2050 4,450	2900 6,200	1750 3,700			*1950 *4,300	1550 3,400	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2550 5,450	*3350 *7,200	2100 4,450	*2800 *5,900	1750 3,800			*2300 *5,100	1700 3,750	12 340 490
-7500 mm -300 in	kg lb	*3750 *7,950	2600 5,600	*3050 *6,450	2150 4,650					*2700 *5,950	2000 4,400	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,500	2750 5,900							*2700 *5,900	2500 5,600	9800 380



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.

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	HD Reach Boom				SLR Boom
		mm	in	m ³	yd ³	kg	lb		%	R2.9 (9'6")	R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")
Pin-On (No Quick Coupler)													
Utility Duty	B	600	24	0.39	0.51	503	1,108	100	●	●	●	●	
	B	900	36	0.65	0.84	613	1,351	100	●	●	●	●	
	B	1200	48	0.95	1.24	733	1,615	100	●	●	●	●	
General Duty	B	600	24	0.46	0.60	550	1,212	100	●	●	●	●	
	B	750	30	0.64	0.84	621	1,368	100	●	●	●	●	
	B	1000	39	0.93	1.22	717	1,580	100	●	●	●	●	
	B	1050	42	1.00	1.31	737	1,624	100	●	●	●	●	
	B	1050	42	1.00	1.31	737	1,624	100	●	●	●	●	
	B	1200	48	1.19	1.56	807	1,778	100	●	●	●	●	
	B	1400	55	1.43	1.87	874	1,926	100	X	X	X	●	
	B	1500	60	1.58	2.06	914	2,014	100	X	X	X	⊙	
Heavy Duty	B	600	24	0.46	0.61	635	1,400	100	●	●	●	●	
	B	750	30	0.64	0.84	737	1,625	100	●	●	●	●	
	B	900	36	0.81	1.06	818	1,804	100	●	●	●	●	
	B	1050	42	1.00	1.31	872	1,923	100	●	●	●	●	
	B	1200	48	1.19	1.56	929	2,048	100	●	●	●	●	
	B	1350	54	1.38	1.81	1036	2,284	100	X	●	X	●	
	B	1500	60	1.58	2.06	1094	2,412	100	X	X	X	⊙	
Clean Up	B	1800	72	1.60	2.09	979	2,157	100	⊙	⊙	⊖	⊙	
	B	2000	78	1.76	2.31	1045	2,303	100	⊖	⊙	⊖	⊖	
	B	2000	78	1.76	2.31	1045	2,303	100	⊖	⊙	⊖	⊖	
Ditch Cleaning Tilt	B	1800	72	1.40	1.83	1105	2,437	100	⊙	●	⊙	●	
General Duty	312, A	900	36	0.53	0.69	403	888	100					○
Ditch Cleaning	312, A	1200	48	0.57	0.74	386	851	100					○
Maximum load with pin-on (payload + bucket)								kg	3710	3980	3545	3810	1140
								lb	8,179	8,774	7,815	8,400	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 %	HD Reach Boom			
		mm	in	m ³	yd ³	kg	lb		R2.9 (9'6")	R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")
With Cat Pin Grabber Coupler												
Utility Duty	B	600	24	0.39	0.51	503	1,108	100	●	●	●	●
	B	900	36	0.65	0.84	613	1,351	100	●	●	●	●
	B	1200	48	0.95	1.24	733	1,615	100	●	●	●	●
General Duty	B	600	24	0.46	0.60	550	1,212	100	●	●	●	●
	B	750	30	0.64	0.84	621	1,368	100	●	●	●	●
	B	1000	39	0.93	1.22	717	1,580	100	●	●	●	●
	B	1050	42	1.00	1.31	737	1,624	100	●	●	●	●
	B	1050	42	1.00	1.31	737	1,624	100	●	●	●	●
	B	1200	48	1.19	1.56	807	1,778	100	●	●	●	●
	B	1400	55	1.43	1.87	874	1,926	100	⊙	⊙	⊖	⊙
	B	1500	60	1.58	2.06	914	2,014	100	⊖	⊙	⊖	⊖
Heavy Duty	B	600	24	0.46	0.61	635	1,400	100	●	●	●	●
	B	750	30	0.64	0.84	737	1,625	100	●	●	●	●
	B	900	36	0.81	1.06	818	1,804	100	●	●	●	●
	B	1050	42	1.00	1.31	872	1,923	100	●	●	●	●
	B	1200	48	1.19	1.56	929	2,048	100	●	●	⊙	●
	B	1350	54	1.38	1.81	1036	2,284	100	⊙	⊙	⊖	⊙
	B	1500	60	1.58	2.06	1094	2,412	100	⊖	⊖	○	⊖
Clean Up	B	1800	72	1.60	2.09	979	2,157	100	⊖	⊖	○	⊖
	B	2000	78	1.76	2.31	1045	2,303	100	○	⊖	○	○
	B	2000	78	1.76	2.31	1045	2,303	100	○	⊖	○	○
Ditch Cleaning Tilt	B	1800	72	1.40	1.83	1105	2,437	100	⊙	●	⊙	●
Maximum load with coupler (payload + bucket)								kg	3401	3677	3234	3509
								lb	7,498	8,107	7,131	7,735

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

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

Match No Match † Allowed usage on machine less than 50%

PIN-ON ATTACHMENTS

Boom Type	Stick Length	HD Reach			
		R2.9 (9'6")	R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")
Hydraulic Hammers	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 GC	✓†	✓†	✓	✓
	H130 GC S	✓†	✓†	✓	✓
	H130 S	✓†	✓	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓	✓
	G324	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓
	P224 Secondary Pulverizer		✓		✓
Mulchers	HM4015	✓	✓	✓	✓
	HM4815	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Boom Type	Stick Length	HD Reach			
		R2.9 (9'6")	R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")
Hydraulic Hammers	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H120 GC	✓†	✓†	✓	✓
	H120 GC S	✓†	✓†	✓	✓
	H120 S	✓†	✓†	✓	✓
	H130 GC	✓†	✓†	✓	✓
	H130 GC S	✓†	✓†	✓	✓
	H130 S	✓†	✓†	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓	✓
	G324		✓		✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓		✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓
	HM4815	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓	✓

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.

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

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

Match

† Allowed usage on machine less than 50%

TRS18 (PIN-ON TOP/S70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Boom Type	Stick Length		HD Reach			
			R2.9 (9'6")	R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")
Hydraulic Hammers		H115 GC	✓	✓	✓	✓
		H115 GC S	✓	✓	✓	✓
		H115 S	✓	✓	✓	✓
		H120 GC S	✓†	✓†	✓	✓
		H120 S	✓†	✓†	✓	✓
Compactors (Vibratory Plate)		CVP75	✓	✓	✓	✓
		CVP110	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

BOOM-MOUNT ATTACHMENTS

Boom Type		Reach	HD Reach
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓

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
CAB			ENGINE		
ROPS	✓		Cat® C7.1 single turbo diesel engine	✓	
OPG		✓	Three selectable power modes	✓	
High-resolution 254 mm (10") LCD touchscreen monitor	✓		Auto engine speed control	✓	
Auto bi-level air conditioner	✓		Auto engine idle shutdown	✓	
Jog dial and shortcut keys for monitor control	✓		Work up to 3000 m (9,840 ft) above sea level without engine power de-rating	✓	
Keyless push-to-start engine control	✓		52° C (125° F) high-ambient cooling capacity	✓	
Height-adjustable console	✓		Cold starting capability for -18° C (0° F)	✓	
Tilt-up left-side console	✓		Double element air filter with integrated pre-cleaner	✓	
Heated air-suspension seat	✓		Electric fuel priming pump	✓	
51 mm (2") seat belt	✓		Electric cooling fans with auto-reverse function	✓	
Monitor integrated Bluetooth® radio with USB/Auxiliary ports	✓		HYDRAULIC SYSTEM		
12V DC outlets	✓		Boom and stick regeneration circuits	✓	
Document storage	✓		Boom and stick lowering check valves	✓	
Overhead storage and rear storage with nets	✓		Heavy lift configuration	✓	
Beverage holder	✓		Electronic main control valve	✓	
Cup holder	✓		Auto Dig Boost ¹	✓	
Openable two-piece front window	✓		Auto heavy lift ²	✓	
Rear window emergency exit	✓		Auto warm up	✓	
Radial wiper with washer	✓		Auto two-speed travel	✓	
Openable polycarbonate skylight hatch	✓		Boom and stick drift reduction valve	✓	
LED dome light	✓		Element type main hydraulic filter	✓	
Floor welcome light	✓		Slider joysticks	✓	
Roof sunscreen	✓		Tandem type electronic main pump	✓	
Roller front sunscreen	✓		Hydraulic efficiency monitoring		✓
Roller rear sunscreen		✓	Hammer return filter circuit		✓
Washable floor mat	✓		Medium pressure auxiliary circuit		✓
Beacon ready	✓		Quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓
Cat Stick Steer		✓	Fine swing control	✓	

¹Requires heavy lift valve; not available for Super Long Reach.

²Not available for Super Long Reach.

(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
UNDERCARRIAGE AND STRUCTURES			ELECTRICAL SYSTEM		
600 mm (24 in) HD triple grouser track shoes		✓	1,000 CCA maintenance-free batteries (×2)	✓	
700 mm (28 in) HD triple grouser track shoes		✓	Centralized electrical disconnect switch	✓	
790 mm (31 in) HD triple grouser track shoes		✓	Programmable time-delay LED working lights	✓	
Tie-down points on base frame	✓		LED chassis light, Left Hand (LH) and Right Hand (RH) boom lights, cab lights	✓	
Segmented track guiding guards	✓		LED chassis light, LH and RH boom lights, cab lights with cover and rain protector – for use with 360° visibility		✓
Full-length track guiding guards		✓	Premium surround lighting package		✓
HD bottom guard	✓				
Swivel guard		✓			
HD travel motor guards	✓				
Grease lubricated track links	✓				
5.4 mt (11,900 lb) counterweight	✓				
BOOMS, STICKS AND LINKAGES					
5.7 m (18'8") HD Reach boom		✓			
8.85 m (29'0") Super Long Reach boom		✓			
2.9 m (9'6") Reach stick		✓			
2.9 m (9'6") HD Reach stick		✓			
2.5 m (8'2") Reach stick		✓			
2.5 m (8'2") HD Reach stick		✓			
6.28 m (20'7") Super Long Reach stick		✓			
Bucket linkage, B1-family with lifting eye		✓			
Bucket linkage, A-family, without lifting eye		✓			

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
CAT TECHNOLOGY			SERVICE AND MAINTENANCE		
Cat Equipment Management:			Scheduled Oil Sampling (S·O·S SM) ports	✓	
– VisionLink [®]	✓ ³		QuickEvac [™] maintenance ready		✓
– VisionLink Productivity		✓ ⁴	Grouped location for engine oil and fuel filters	✓	
– Remote Flash	✓		Ground-level second dipstick for engine oil	✓	
– Remote Troubleshoot	✓		Radiator screen		✓
– Work tool recognition and tracking (PL161)	✓		Integrated vehicle health management system	✓	
– Operator Coaching		✓ ⁵	SAFETY AND SECURITY		
Cat Grade:			Cat Command (remote control)		✓
– Cat Grade with 2D		✓ ⁶	2D E-Fence: ⁶	✓	
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓	– E-ceiling		
– Laser catcher		✓	– E-floor		
– Cat Grade with 3D (single or dual GNSS)		✓	– E-swing		
– Compatible with 3D grade systems from Trimble, Topcon, and Leica	✓		– E-wall		
– Cat Grade 3D Ready		✓	– E-cab avoidance		
– Cat Grade Connectivity		✓ ⁴	Auto hammer stop	✓	
Cat Assist: ⁶			Rearview and right-hand-sideview cameras	✓	
– Grade Assist	✓		360° visibility		✓
– Boom Assist	✓		Neutral lever (lock out) for all controls	✓	
– Bucket Assist	✓		Anti-skid plate and countersunk bolts on service platform	✓	
– Swing Assist	✓		Ground-level accessible secondary engine shutoff switch in cab	✓	
– Lift Assist	✓		Lockable disconnect switch	✓	
Cat Payload: ⁶			Swing alarm		✓
– On-the-go weighing	✓		RH handrail and handhold	✓	
– Semiautomatic calibration	✓		Travel alarm	✓	
– Payload/cycle information	✓		Inspection lighting		✓
– VisionLink Productivity back office reporting		✓ ⁴			
Cat Advanced Payload:					
– Daily totals		✓			
– Custom lists		✓			
– Smart weight target		✓			
– E-ticket Integration		✓ ⁴			
Other:					
Cat Tiltrotator (TRS) integration		✓			

³Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

⁴VisionLink subscription required. Consult your Cat dealer for details.

⁵VisionLink subscription required for back office reporting. Consult your Cat dealer for details.

⁶Optional on machines equipped with a Super Long Reach boom and stick.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Lower radial wiper
- Rain protector plus cab light cover
- Laminated P5A glass front windshield
- LH/RH electrical pedal for tool control
- Armrest kit
- Seat with 4-point seatbelt capability
- Dual exit rear window kit
- Tool box
- Auxiliary relay

ELECTRICAL

- Premium surround working lights

GUARDS

- Swivel guard
- Side rubber bumper guard
- Operator Protective Guards
- Mesh guard full front
- Mesh guard half front

MAINTENANCE

- Jump start wiring
- Duct ready kit

SAFETY AND SECURITY

- Cat Detect – People Detection
- Cat Command – Remote control kit
- Seat belt indicator
- Bluetooth receiver
- Bluetooth key fob

OTHER ATTACHMENTS

- Delayed engine shutdown kit
- Upper cover for antennae
- Removable mast for antennae
- Power clam kit

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® C7.1 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 0.85 kg (1.9 lb) of refrigerant which has a CO₂ equivalent of 1.216 metric tonnes (1.340 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) – 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.

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.
 - Advanced hydraulic systems balance power and efficiency
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode supports reduced fuel consumption for light applications
 - Utilizing Cat technologies can help increase operating efficiencies
 - Extended service intervals help decrease maintenance costs
 - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

Material Type	Weight Percentage
Steel	84.28%
Iron	4.95%
Nonferrous Metal	2.37%
Mixed Metal	1.45%
Mixed-Metal and Nonmetal	0.94%
Plastic	1.19%
Rubber	0.17%
Mixed Nonmetallic	0.21%
Fluid	2.94%
Other	1.50%
Uncategorized	0.00%
Total	100%

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714:2008 (Earthmoving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused, or both.

All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714:2008 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

Because of variations of product configurations, the following value in the table may vary.

Recyclability – 98%

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AEXQ3983-00 (09-2024)
Build Number: 07H
(Aus-NZ)

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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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