



# 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 9249:2007)	128 kW	172 hp
Engine Power (ISO 14396:2002)	129 kW	174 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in <sup>3</sup>
Biodiesel capability	Up to B20 <sup>(1)</sup>	

- The 323 meets U.S. EPA Tier 4 Final emission standards.
- Recommended for use up to 4500 m (14,764 ft) altitude with engine power derate above 3000 m (9,842.5 ft).
- Net power is tested per ISO 9249:2007. Standards in effect at the time of manufacture.
- Net power available at the flywheel when the engine is equipped with fan, air cleaner, aftertreatment, and alternator with engine speed at 2,200 rpm.
- Rated speed at 2,200 rpm.

<sup>(1)</sup>Cat engines are compatible with the following renewable, alternative, and bio-fuels\* with lower greenhouse gas emission impact:

- ✓ Up to B20 biodiesel (FAME)\*\*
- ✓ Up to 100% HVO and GTL renewable fuels

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

\*\*For use of higher blends, consult your Cat dealer.

## Swing Mechanism

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

## Weights

Operating Weight	25 500 kg	56,200 lb
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- 5400 kg (11,900 lb) counterweight, HD Reach boom, R2.9 (9'6") HD Thumb Ready Reach stick, HD 1.38 m<sup>3</sup> (1.81 yd<sup>3</sup>) bucket and 790 mm (31 in) HD shoes.

## Track

Standard Track Shoe Width	790 mm	31 in
Optional Track Shoe Width	600 mm	24 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	120 mm	4.7 in
Boom Cylinder – Stroke	1260 mm	49.6 in
Stick Cylinder – Bore	140 mm	5.5 in
Stick Cylinder – Stroke	1504 mm	59.2 in
Bucket Cylinder – Bore	120 mm	4.7 in
Bucket Cylinder – Stroke	1104 mm	43.5 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
FOGS (optional)	ISO 10262:1998 Level II

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## Operating Weights and Ground Pressures

	790 mm (31 in) HD Triple Grouser Shoes			
	Weight		Ground Pressure	
	kg	lb	kPa	psi
<b>5.4 mt (11,900 lb) Counterweight + Base Machine</b>				
HD Reach Boom, R2.9 (9'6") HD Thumb Ready Reach Stick, 1.38 m <sup>3</sup> (1.81 yd <sup>3</sup> ) HD Bucket	25 600	56,400	35.5	5.1
Super Long Reach Boom + 6.28A (20'7") Super Long Reach Stick + 0.53 m <sup>3</sup> (0.69 yd <sup>3</sup> ) GD Bucket	25 100	55,300	39.7	5.7
<b>4.2 mt (9,300 lb) Counterweight + Base Machine</b>				
Reach Boom + R2.9 (9'6") Reach Stick + 1.19 m <sup>3</sup> (1.56 yd <sup>3</sup> ) HD Bucket	22 900	50,500	36.2	5.2

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

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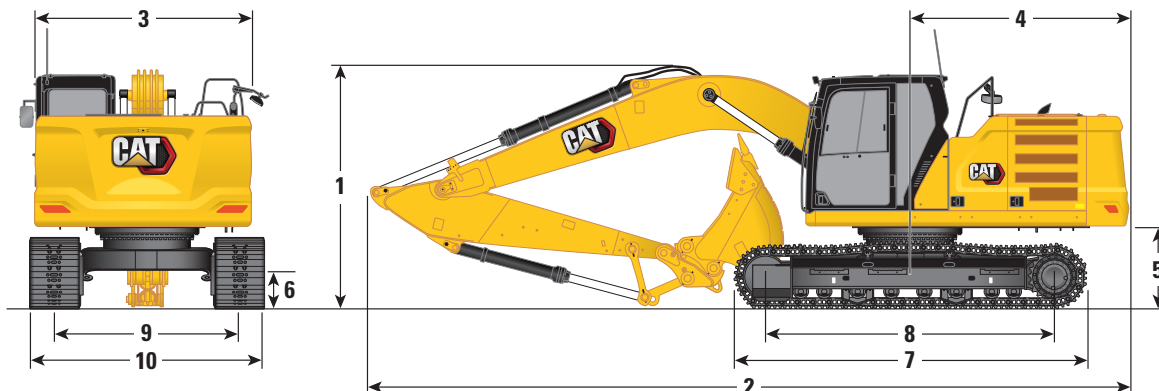
## Major Component Weights

	kg	lb
Base Machine (with 4.2 mt [9,300 lb] counterweight, semi-HD swing frame, standard base frame with HD track rollers and standard carrier rollers for long undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator)	14 800	32,600
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, 14 mm (0.55 in) Thick Single Grouser Track Shoes for Long Undercarriage	3090	6,800
790 mm (31 in) Width, 12.5 mm (0.49 in) Thick Triple Grouser HD Track Shoes for Long Undercarriage with Step Extension for ISO 2867:2011	3800	8,400
Boom Cylinders	340	750
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	310	680
Counterweights:		
4.2 mt Counterweight	4200	9,300
5.4 mt Counterweight for Thumb Ready Reach and Super Long Reach Sticks	5400	11,900
Swing Frame:		
Semi-HD Swing Frame	1910	4,210
HD Swing Frame, for Thumb Ready Reach and Super Long Reach Sticks	2090	4,600
Undercarriage:		
Standard Base Frame with HD Track Rollers and Standard Carrier Rollers for Long Undercarriage	4420	9,700
HD Base Frame with SD Track Rollers and Standard Carrier Rollers for Long Undercarriage	4470	9,900
Booms (including lines, pins, stick cylinder):		
Reach Boom (5.7 m/18'8")	1710	3,800
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 (R3.9B1/12'10")	1300	2,900
Reach Stick (R2.9B1/9'6")	990	2,200
HD Thumb Ready Reach Stick (R2.9B1/9'6")	1300	2,900
Super Long Reach Stick (6.28A/20'7")	1340	3,000
Buckets (without linkage):		
1.19 m <sup>3</sup> (1.56 yd <sup>3</sup> ) HD	960	2,100
1.38 m <sup>3</sup> (1.81 yd <sup>3</sup> ) HD	1040	2,300
0.57 m <sup>3</sup> (0.75 yd <sup>3</sup> ) DC	390	900
0.53 m <sup>3</sup> (0.69 yd <sup>3</sup> ) GD	410	900
Quick Coupler:		
Pin Grabber QC	390	850

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## Dimensions

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



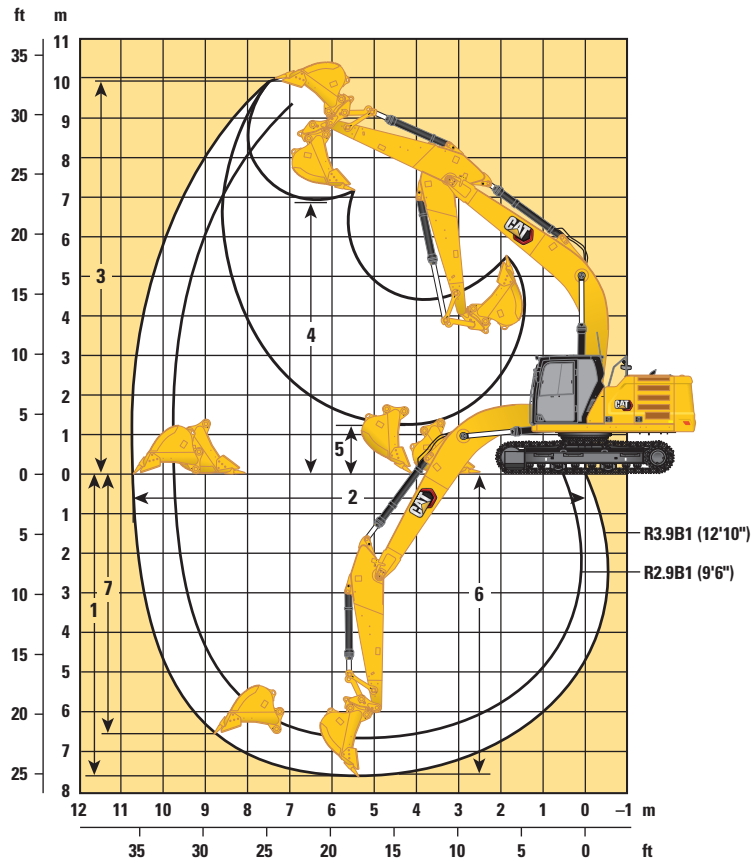
Boom Options	Reach* Boom 5.7 m (18'8")		Reach Boom 5.7 m (18'8")		Super Long Reach Boom 8.85 m (29'0")	
Stick Options	Reach* Stick R2.9B1 (9'6")		Reach Stick R3.9B1 (12'10")		Super Long Reach Stick 6.28A (20'7")	
<b>1</b> Machine Height:						
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"
Top of FOGS Height	3100 mm	10'2"	3100 mm	10'2"	3100 mm	10'2"
Handrails Height	2950 mm	9'8"	2950 mm	9'8"	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3160 mm	10'4"	3470 mm	11'5"	3190 mm	10'5"
With Boom/Stick Installed	2910 mm	9'7"	3190 mm	10'6"	3070 mm	10'1"
With Boom Installed	2480 mm	8'2"	2480 mm	8'2"	2650 mm	8'9"
<b>2</b> Machine Length:						
With Boom/Stick/Bucket Installed	9530 mm	31'3"	9500 mm	31'2"	12 750 mm	41'10"
With Boom/Stick Installed	9500 mm	31'2"	9530 mm	31'3"	12 760 mm	41'10"
With Boom Installed	8450 mm	27'9"	8450 mm	27'9"	8920 mm	29'3"
<b>3</b> Upperframe Width without Walkways	2780 mm	9'1"	2780 mm	9'1"	2780 mm	9'1"
<b>4</b> Tail Swing Radius	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"
<b>5</b> Counterweight Clearance	1050 mm	3'5"	1050 mm	3'5"	1050 mm	3'5"
<b>6</b> Ground Clearance	470 mm	1'7"	470 mm	1'7"	470 mm	1'7"
<b>7</b> Track Length	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"
<b>8</b> Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"
<b>9</b> Track Gauge	2380 mm	7'9"	2380 mm	7'9"	2380 mm	7'9"
<b>10</b> Undercarriage Width:						
600 mm (24 in) Shoes	2980 mm	9'9"	2980 mm	9'9"	2980 mm	9'9"
790 mm (31 in) Shoes	3170 mm	10'5"	3170 mm	10'5"	3170 mm	10'5"
Bucket Type	HD		HD		GD	
Bucket Capacity	1.14 m <sup>3</sup>	1.50 yd <sup>3</sup>	1.19 m <sup>3</sup>	1.56 yd <sup>3</sup>	0.53 m <sup>3</sup>	0.69 yd <sup>3</sup>
Bucket Tip Radius	1470 mm	4'10"	1570 mm	5'2"	1230 mm	4'0"

\*Reach has same data as HD Reach.

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## Working Ranges

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



Boom Options	Reach* Boom 5.7 m (18'8")		Reach Boom 5.7 m (18'8")	
Stick Options	Reach* Stick R2.9B1 (9'6")		Reach Stick R3.9B1 (12'10")	
1 Maximum Digging Depth	6620 mm	21'9"	7670 mm	25'2"
2 Maximum Reach at Ground Line	9760 mm	32'0"	10 770 mm	35'4"
3 Maximum Cutting Height	9330 mm	30'7"	9910 mm	32'6"
4 Maximum Loading Height	6590 mm	21'7"	6930 mm	22'9"
5 Minimum Loading Height	2270 mm	7'5"	1220 mm	4'0"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6440 mm	21'2"	7530 mm	24'8"
7 Maximum Vertical Wall Digging Depth	5360 mm	17'7"	6640 mm	21'9"
Bucket Digging Force (ISO)**	163 kN	36,711 lbf	140 kN	31,505 lbf
Stick Digging Force (ISO)**	109 kN	24,486 lbf	87 kN	19,666 lbf
Bucket Type	HD		HD	
Bucket Capacity	1.14 m <sup>3</sup>	1.50 yd <sup>3</sup>	1.19 m <sup>3</sup>	1.56 yd <sup>3</sup>
Bucket Tip Radius	1470 mm	4'10"	1570 mm	5'2"

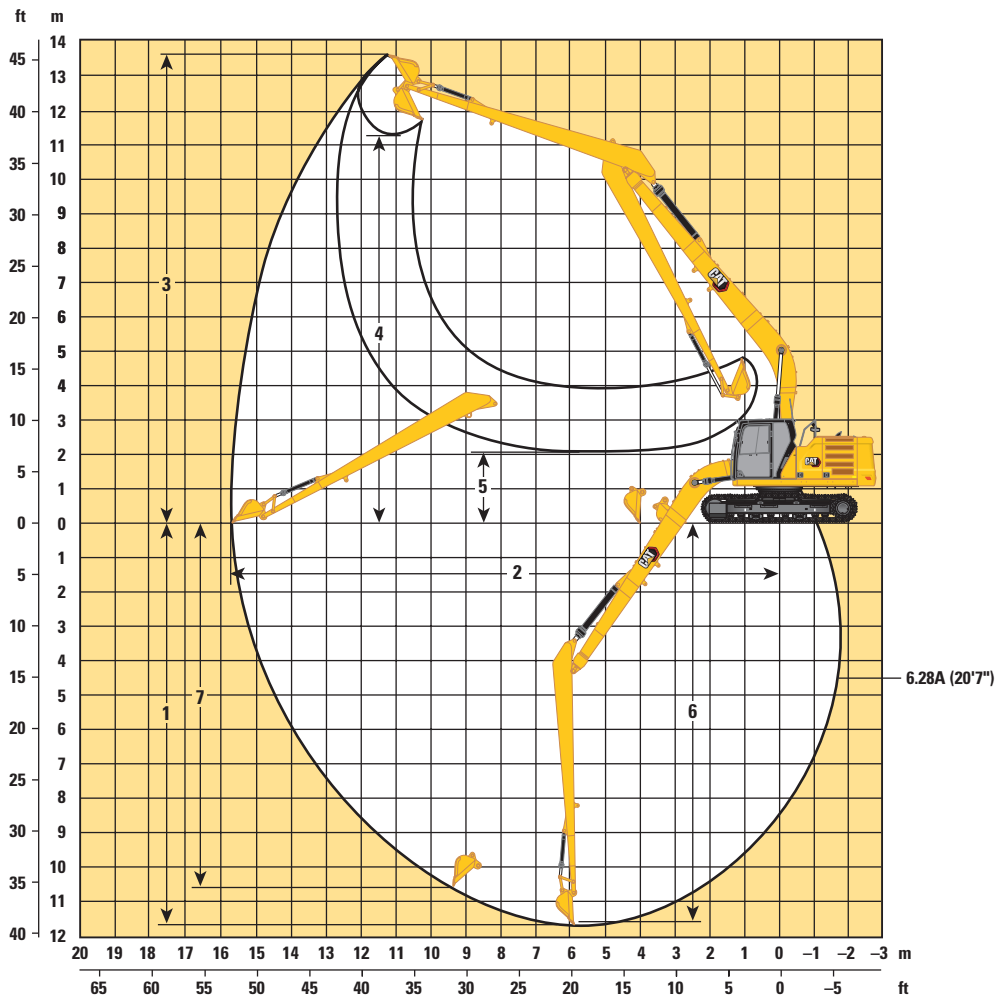
\*Reach has same data as HD Reach.

\*\*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")

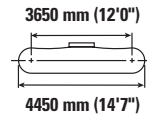
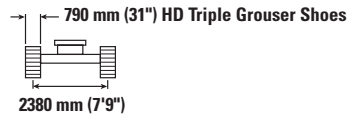
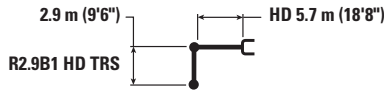
### Stick Options

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

<b>1</b> Maximum Digging Depth	11 540 mm	37'10"
<b>2</b> Maximum Reach at Ground Line	15 570 mm	51'1"
<b>3</b> Maximum Cutting Height	13 540 mm	44'5"
<b>4</b> Maximum Loading Height	11 440 mm	37'6"
<b>5</b> Minimum Loading Height	2240 mm	7'4"
<b>6</b> Maximum Depth Cut for 2440 mm (8'0") Level Bottom	11 440 mm	37'6"
<b>7</b> Maximum Vertical Wall Digging Depth	11 020 mm	36'2"
Bucket Digging Force (ISO)	62 kN	13,841 lbf
Stick Digging Force (ISO)	49 kN	10,966 lbf
Bucket Type	DC	
Bucket Capacity	0.57 m <sup>3</sup>	0.75 yd <sup>3</sup>
Bucket Tip Radius	1070 mm	3'6"

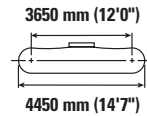
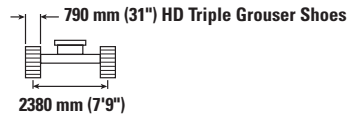
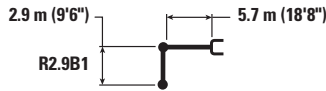
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## HD Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket – Heavy Lift: On



Reach	Unit	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		m ft		
7.5 m 25.0 ft	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6.15 20.00
6.0 m 20.0 ft	kg lb							*5350 *11,750	*5350 *11,750			*3900 *8,650	*3900 *8,650	7.29 24.17
4.5 m 15.0 ft	kg lb							*5900 *12,800	*5900 *12,800	*5500 *12,100	4500 9,700	*3850 *8,450	*3850 *8,450	7.99 26.67
3.0 m 10.0 ft	kg lb					*8600 *18,500	*8600 *18,500	*6750 *14,650	6100 13,150	*5900 *12,850	4400 9,500	*3950 *8,650	3750 8,250	8.36 27.50
1.5 m 5.0 ft	kg lb					*10 400 *22,450	8700 18,800	*7650 *16,600	5850 12,600	*6350 *13,750	4300 9,250	*4150 *9,150	3650 7,950	8.45 28.33
0 m 0 ft	kg lb			*6550 *15,050	*6550 *15,050	*11 400 *24,700	8400 18,100	*8300 *18,000	5650 12,200	6450 13,850	4200 9,050	*4600 *10,150	3700 8,100	8.26 27.50
-1.5 m -5.0 ft	kg lb	*7000 *15,650	*7000 *15,650	*11 350 *25,750	*11 350 *25,750	*11 500 *24,950	8350 17,900	*8500 *18,400	5600 12,050	6400 13,800	4150 9,000	*5400 *11,950	4000 8,750	7.78 25.83
-3.0 m -10.0 ft	kg lb	*12 050 *27,000	*12 050 *27,000	*15 300 *33,100	*15 300 *33,100	*10 800 *23,300	8400 18,050	*8000 *17,200	5600 12,100			*6550 *14,400	4650 10,300	6.95 23.33
-4.5 m -15.0 ft	kg lb			*12 150 *26,050	*12 150 *26,050	*8750 *18,600	8600 18,550					*6600 *14,500	6400 14,350	5.60 18.33

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



Reach	Unit	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		m ft		
7.5 m 25.0 ft	kg lb							*4950	*4950			*4300 *9,500	*4300 *9,500	6.15 20.00
6.0 m 20.0 ft	kg lb							*5450 *12,000	*5450 *12,000			*3950 *8,750	*3950 *8,750	7.29 24.17
4.5 m 15.0 ft	kg lb							*6000 *13,050	*6000 *13,050	*5650 *12,400	4600 9,900	*3900 *8,550	*3900 *8,550	7.99 26.67
3.0 m 10.0 ft	kg lb					*8750 *18,850	*8750 *18,850	*6900 *14,950	6200 13,350	*6050 *13,150	4500 9,700	*4000 *8,750	3850 8,500	8.36 27.50
1.5 m 5.0 ft	kg lb					*10 650 *22,950	8850 19,100	*7850 *17,000	5950 12,850	*6500 *14,100	4400 9,500	*4250 *9,300	3750 8,200	8.45 28.33
0 m 0 ft	kg lb			*6600 *15,150	*6600 *15,150	*11 650 *25,200	8600 18,500	*8500 *18,450	5800 12,500	6550 14,100	4300 9,300	*4700 *10,300	3800 8,350	8.26 27.50
-1.5 m -5.0 ft	kg lb	*7050 *15,750	*7050 *15,750	*11 400 *25,850	*11 400 *25,850	*11 750 *25,500	8550 18,350	*8700 *18,850	5750 12,350	6550 14,050	4300 9,250	*5500 *12,100	4100 9,050	7.78 25.83
-3.0 m -10.0 ft	kg lb	*12 100 *27,100	*12 100 *27,100	*15 600 *33,800	*15 600 *33,800	*11 000 *23,800	8600 18,450	*8200 *17,650	5750 12,450			*6700 *14,800	4800 10,600	6.95 23.33
-4.5 m -15.0 ft	kg lb			*12 500 *26,700	*12 500 *26,700	*9000 *19,100	8800 18,900					*6800 *14,950	6500 14,650	5.60 18.33



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.

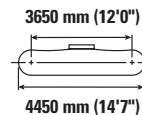
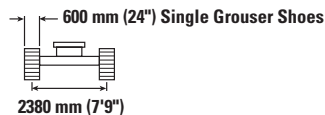
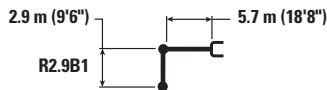
Always refer to the appropriate Operation and Maintenance Manual for specific product information.














TRS = Thumb Ready Stick



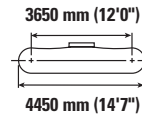
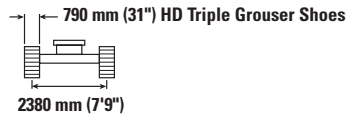
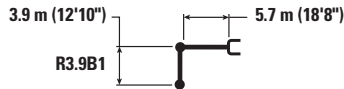
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










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



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
														
7.5 m 25.0 ft	kg lb							*4950	*4950			*4300 *9,500	*4300 *9,500	6.15 20.00
6.0 m 20.0 ft	kg lb							*5450	*5450			*3950 *8,750	*3950 *8,750	7.29 24.17
4.5 m 15.0 ft	kg lb							*6000 *13,050	*6000 *13,050	*5650 12,400	4500 9,650	*3900 *8,550	*3900 *8,550	7.99 26.67
3.0 m 10.0 ft	kg lb					*8750 *18,850	*8750 *18,850	*6900 *14,950	6050 13,050	*6050 *13,150	4400 9,450	*4000 *8,750	3750 8,300	8.36 27.50
1.5 m 5.0 ft	kg lb					*10 650 *22,950	8650 18,650	*7850 *17,000	5850 12,550	6500 13,950	4300 9,250	*4250 *9,300	3650 8,000	8.45 28.33
0 m 0 ft	kg lb			*6600 *15,150	*6600 *15,150	*11 650 *25,200	8400 18,050	*8500 *18,450	5650 12,200	6400 13,750	4200 9,050	*4700 *10,300	3700 8,150	8.26 27.50
-1.5 m -5.0 ft	kg lb	*7050 *15,750	*7050 *15,750	*11 400 *25,850	*11 400 *25,850	*11 750 *25,500	8300 17,900	*8700 *18,750	5600 12,050	6350 13,700	4200 9,000	*5500 *12,100	4000 8,800	7.78 25.83
-3.0 m -10.0 ft	kg lb	*12 100 *27,100	*12 100 *27,100	*15 600 *33,800	*15 600 *33,800	*11 000 *23,800	8350 18,000	*8200 *17,650	5600 12,100			*6700 *14,800	4650 10,350	6.95 23.33
-4.5 m -15.0 ft	kg lb			*12 500 *26,700	*12 500 *26,700	*9000 *19,100	8550 18,450					*6800 *14,950	6350 14,300	5.60 18.33

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



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
																
7.5 m 25.0 ft	kg lb													*3000 *6,600	*3000 *6,600	7.32 24.17
6.0 m 20.0 ft	kg lb									*4550 *9,600	*4550 *9,600			*2800 *6,150	*2800 *6,150	8.30 27.50
4.5 m 15.0 ft	kg lb									*4800 *10,500	4600 9,900			*2750 *6,050	*2750 *6,050	8.92 29.17
3.0 m 10.0 ft	kg lb					*7150 *15,350	*7150 *15,350	*5900 *12,800	*5900 *12,800	*5300 *11,500	4450 9,600	*3850 *7,150	3400 *7,150	*2800 *6,150	*2800 *6,150	9.25 30.83
1.5 m 5.0 ft	kg lb			*9800 *23,350	*9800 *23,350	*9250 *19,950	8900 19,200	*6950 *15,100	5900 12,750	*5850 *12,700	4300 9,250	*4450 *8,500	3300 7,100	*2950 *6,450	*2950 *6,450	9.33 30.83
0 m 0 ft	kg lb			*8100 *18,450	*8100 *18,450	*10 800 *23,300	8450 18,200	*7850 *17,050	5700 12,200	*6350 *13,800	4200 9,000	*4150 *7,250	3250 7,000	*3200 *7,050	3150 6,950	9.16 30.00
-1.5 m -5.0 ft	kg lb	*6050 *13,500	*6050 *13,500	*10 400 *23,550	*10 400 *23,550	*11 450 *24,800	8250 17,750	*8400 *18,150	5550 11,900	6350 13,650	4100 8,800			*3650 *8,000	3350 7,400	8.73 29.17
-3.0 m -10.0 ft	kg lb	*9400 *21,100	*9400 *21,100	*14 450 *32,750	*14 450 *32,750	*11 300 *24,450	8250 17,700	*8350 *18,050	5500 11,850	6350 13,650	4100 8,850			*4450 *9,850	3800 8,350	8.00 26.67
-4.5 m -15.0 ft	kg lb	*13 650 *30,750	*13 650 *30,750	*14 700 *31,600	*14 700 *31,600	*14 700 *21,900	8350 18,000	*7450 *15,950	5600 12,050					*6100 *13,400	4700 10,500	6.87 22.50
-6.0 m -20.0 ft	kg lb					*7200 *7200								*6400 *6400		4.91



ISO 10567:2007



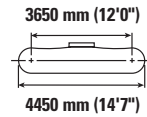
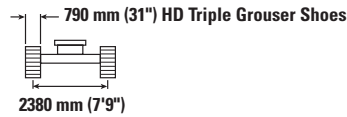
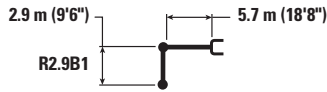
\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

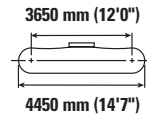
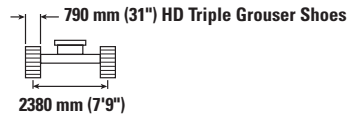
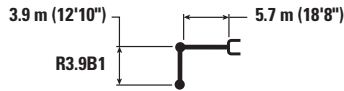
# 323 Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket – Heavy Lift: On



Reach Boom	Unit	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		m ft		
		Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	
7.5 m 25.0 ft	kg lb							*4950	*4950			*4300 *9,500	*4300 *9,500	6.15 20.00
6.0 m 20.0 ft	kg lb							*5450 *12,000	*5450 *12,000			*3950 *8,750	*3950 *8,750	7.29 24.17
4.5 m 15.0 ft	kg lb							*6000 *13,050	5650 12,150	*5650 *12,400	4050 8,650	*3900 *8,550	3650 8,050	7.99 26.67
3.0 m 10.0 ft	kg lb					*8750 *18,850	8250 17,750	*6900 *14,950	5450 11,700	6000 12,950	3950 8,450	*4000 *8,750	3350 7,350	8.36 27.50
1.5 m 5.0 ft	kg lb					*10 650 *22,950	7750 16,700	*7850 *17,000	5200 11,200	5900 12,700	3800 8,200	*4250 *9,300	3250 7,100	8.45 28.33
0 m 0 ft	kg lb			*6600 *15,150	*6600 *15,150	*11 650 *25,200	7500 16,100	8050 17,250	5050 10,850	5800 12,500	3750 8,050	*4700 *10,300	3300 7,200	8.26 27.50
-1.5 m -5.0 ft	kg lb	*7050 *15,750	*7050 *15,750	*11 400 *25,850	*11 400 *25,850	*11 750 *25,500	7400 15,900	7950 17,100	4950 10,700	5800 12,450	3700 8,000	*5500 *12,100	3550 7,800	7.78 25.83
-3.0 m -10.0 ft	kg lb	*12 100 *27,100	*12 100 *27,100	*15 600 *33,800	14 350 30,700	*11 000 *23,800	7450 16,050	8000 17,150	5000 10,750			6500 14,400	4150 9,200	6.95 23.33
-4.5 m -15.0 ft	kg lb			*12 500 *26,700	*12 500 *26,700	*9000 *19,100	7650 16,500					*6800 *14,950	5650 12,750	5.60 18.33

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket – Heavy Lift: On



Reach Boom	Unit	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		m ft		
		Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	Hydraulic	Tipping	
7.5 m 25.0 ft	kg lb													*3000 *6,600	*3000 *6,600	7.32 24.17
6.0 m 20.0 ft	kg lb									*4550 *9,600	4100 8,750			*2800 *6,150	*2800 *6,150	8.30 27.50
4.5 m 15.0 ft	kg lb									*4800 *10,500	4000 8,600			*2750 *6,050	*2750 *6,050	8.92 29.17
3.0 m 10.0 ft	kg lb					*7150 *15,350	*7150 *15,350	*5900 *12,800	5450 11,700	*5300 *11,500	3900 8,350	*3850 *7,150	2900 6,200	*2800 *6,150	2800 6,100	9.25 30.83
1.5 m 5.0 ft	kg lb			*9800 *23,350	*9800 *23,350	*9250 *19,950	7800 16,750	*6950 *15,100	5150 11,050	5800 12,500	3750 8,000	4450 *8,500	2850 6,100	*2950 *6,450	2700 5,900	9.33 30.83
0 m 0 ft	kg lb			*8100 *18,450	*8100 *18,450	*10 800 *23,300	7350 15,800	*7850 17,000	4900 10,550	5700 12,200	3600 7,700	*4150 *7,250	2800 5,950	*3200 *7,050	2700 5,950	9.16 30.00
-1.5 m -5.0 ft	kg lb	*6050 *13,500	*6050 *13,500	*10 400 *23,550	*10 400 *23,550	*11 450 *24,800	7150 15,350	7750 16,650	4750 10,250	5600 12,000	3500 7,550			*3650 *8,000	2850 6,300	8.73 29.17
-3.0 m -10.0 ft	kg lb	*9400 *21,100	*9400 *21,100	*14 450 *32,750	13 700 29,350	*11 300 *24,450	7100 15,300	7700 16,550	4750 10,150	5600 12,050	3500 7,550			*4450 *9,850	3250 7,150	8.00 26.67
-4.5 m -15.0 ft	kg lb	*13 650 *30,750	*13 650 *30,750	*14 700 *31,600	13 950 29,950	*10 200 *21,900	7200 15,550	*7450 *15,950	4800 10,400					*6100 *13,400	4050 9,050	6.87 22.50
-6.0 m -20.0 ft	kg lb					*7200 *7200								*6400 *6400		4.91



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.

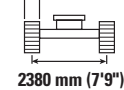
# 323 Hydraulic Excavator Specifications

## SLR Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket

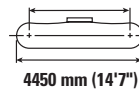
6.28 m (20'7") 8.85 m (29'0")



600 mm (24") Single Grouser Shoes



3650 mm (12'0")



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		m ft		
12.0 m 40.0 ft	kg lb											*1450 *3,200	*1450 *3,200	10 350 400
10.5 m 35.0 ft	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9.0 m 30.0 ft	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7.5 m 25.0 ft	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6.0 m 20.0 ft	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4.5 m 15.0 ft	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3.0 m 10.0 ft	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
1.5 m 5.0 ft	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 m 0 ft	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
-1.5 m -5.0 ft	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
-3.0 m -10.0 ft	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
-4.5 m -15.0 ft	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
-6.0 m -20.0 ft	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
-7.5 m -25.0 ft	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
-9.0 m -30.0 ft	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  $\pm 5\%$  for all available track shoes.

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

(continued on next page)

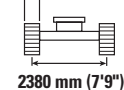
# 323 Hydraulic Excavator Specifications

## SLR Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)

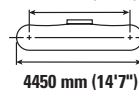
6.28 m (20'7") 8.85 m (29'0")














600 mm (24") Single Grouser Shoes



3650 mm (12'0")



		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				m ft
												
12.0 m 40.0 ft	kg lb									*1450 *3,200	*1450 *3,200	10350 400
10.5 m 35.0 ft	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11660 460
9.0 m 30.0 ft	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200			*1300 *2,850	*1300 *2,850	12660 500
7.5 m 25.0 ft	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	2200 4,700			*1250 *2,800	*1250 *2,800	13410 530
6.0 m 20.0 ft	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	13970 550
4.5 m 15.0 ft	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	14340 570
3.0 m 10.0 ft	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5300	*2550 *5,500	2000 4250	*2400 *5,150	1600 3400	*1300 *2,900	*1300 *2,900	14550 580
1.5 m 5.0 ft	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	14600 580
0 m 0 ft	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	14490 570
-1.5 m -5.0 ft	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	14230 560
-3.0 m -10.0 ft	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	13790 550
-4.5 m -15.0 ft	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	13170 520
-6.0 m -20.0 ft	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	12340 490
-7.5 m -25.0 ft	kg lb	*3750 *7,950	2500 5,400	*3050 *6,450	2050 4,450					*2700 *5,950	1900 4,250	11240 440
-9.0 m -30.0 ft	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.

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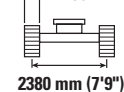
# 323 Hydraulic Excavator Specifications

## SLR Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket

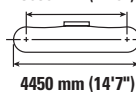
6.28 m (20'7") 8.85 m (29'0")

















790 mm (31") HD Triple Grouser Shoes



3650 mm (12'0")



	1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft	
														
12.0 m 40.0 ft	kg lb											*1450 *3,200	*1450 *3,200	10 350 400
10.5 m 35.0 ft	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9.0 m 30.0 ft	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7.5 m 25.0 ft	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6.0 m 20.0 ft	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4.5 m 15.0 ft	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3.0 m 10.0 ft	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
1.5 m 5.0 ft	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 m 0 ft	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
-1.5 m -5.0 ft	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
-3.0 m -10.0 ft	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
-4.5 m -15.0 ft	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
-6.0 m -20.0 ft	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
-7.5 m -25.0 ft	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
-9.0 m -30.0 ft	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.

(continued on next page)

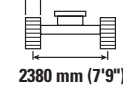
# 323 Hydraulic Excavator Specifications

## SLR Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)

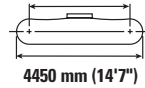
6.28 m (20'7") 8.85 m (29'0")














790 mm (31") HD Triple Grouser Shoes



3650 mm (12'0")



		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				m ft	
													
12.0 m 40.0 ft	kg lb										*1450 *3,200	*1450 *3,200	10 350 400
10.5 m 35.0 ft	kg lb			*2200 *4,850	*2200 *4,850						*1350 *2,950	*1350 *2,950	11 660 460
9.0 m 30.0 ft	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200				*1300 *2,850	*1300 *2,850	12 660 500
7.5 m 25.0 ft	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	*2200 4,850				*1250 *2,800	*1250 *2,800	13 410 530
6.0 m 20.0 ft	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
4.5 m 15.0 ft	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
3.0 m 10.0 ft	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
1.5 m 5.0 ft	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 m 0 ft	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
-1.5 m -5.0 ft	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
-3.0 m -10.0 ft	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
-4.5 m -15.0 ft	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
-6.0 m -20.0 ft	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
-7.5 m -25.0 ft	kg lb	*3750 *7,950	2600 5,600	*3050 *6,450	2150 4,650						*2700 *5,950	2000 4,400	11 240 440
-9.0 m -30.0 ft	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	4.2 mt (9,300 lb) Counterweight		5.4 mt (11,900 lb) Counterweight		5.4 mt (11,900 lb) Counterweight		
		mm	in	m³	yd³	kg	lb		%	Reach Boom		Reach Boom		HD Reach Boom	SLR Boom
										R2.9 (9'6")	R3.9 (12'10")	R2.9 (9'6")	R3.9 (12'10")	R2.9 (9'6") HD TRS	SLR
<b>Pin-On (No Quick Coupler)</b>															
General Duty – Capacity	B	600	24	0.55	0.72	619	1,363	100	●	●	●	●	●		
	B	750	30	0.75	0.98	710	1,566	100	●	●	●	●	●		
	B	900	36	0.95	1.24	787	1,735	100	●	⊙	●	●	●		
	B	1050	42	1.16	1.52	848	1,870	100	●	⊖	●	⊙	●		
	B	1200	48	1.38	1.80	926	2,041	100	⊖	○	●	⊖	⊙		
	B	1350	54	1.59	2.08	1004	2,213	100	X	X	X	X	⊖		
General Duty – Capacity – Wide Tip	B	600	24	0.55	0.72	633	1,394	100	●	●	●	●	●		
	B	750	30	0.75	0.98	731	1,612	100	●	●	●	●	●		
	B	900	36	0.95	1.24	813	1,793	100	●	⊙	●	●	●		
	B	1050	42	1.16	1.52	895	1,973	100	⊙	○	●	⊙	●		
	B	1200	48	1.38	1.80	979	2,158	100	⊖	◇	●	⊖	⊙		
	B	1350	54	1.59	2.08	1063	2,343	100	X	X	X	X	⊖		
Heavy Duty	B	600	24	0.46	0.61	649	1,431	100	●	●	●	●	●		
	B	750	30	0.64	0.84	748	1,649	100	●	●	●	●	●		
	B	900	36	0.81	1.06	826	1,821	100	●	●	●	●	●		
	B	1050	42	1.00	1.31	880	1,940	100	●	⊖	●	●	●		
	B	1200	48	1.19	1.56	972	2,141	100	⊙	○	●	⊙	●		
	B	1350	54	1.38	1.81	1054	2,322	100	X	X	X	X	X		
Heavy Duty – Power	B	900	36	0.79	1.03	842	1,856	100	●	●	●	●	●		
	B	1050	42	0.96	1.26	907	1,999	100	●	⊖	●	●	●		
	B	1200	48	1.14	1.49	993	2,188	100	⊙	X	●	X	●		
Severe Duty	B	600	24	0.46	0.61	694	1,530	90	●	●	●	●	●		
	B	750	30	0.64	0.84	802	1,768	90	●	●	●	●	●		
	B	900	36	0.81	1.06	889	1,959	90	●	●	●	●	●		
	B	1050	42	1.00	1.31	964	2,125	90	●	⊙	●	●	●		
	B	1200	48	1.19	1.56	1053	2,320	90	●	○	●	⊙	●		
Severe Duty – Power	B	900	36	0.79	1.03	908	2,001	90	●	●	●	●	●		
Extreme Duty	B	1100	43	1.00	1.31	1078	2,376	90	●	⊖	●	●	●		
	B	1250	49	1.19	1.56	1134	2,499	90	⊙	○	●	⊙	●		
Mud/Cleanup	B	1700	72	1.60	2.09	979	2,158	100	○	◇	⊙	○	⊖		
Ditch Cleaning	B	1500	60	1.01	1.32	652	1,437	100	●	⊙	●	●	●		
	B	1800	72	1.24	1.62	740	1,631	100	⊙	⊖	●	⊙	●		
	B	2000	78	1.22	1.60	869	1,916	100	⊙	○	●	⊙	●		
Ditch Cleaning – Tilt	B	1500	60	0.90	1.18	948	2,090	100	●	⊙	●	●	●		
	B	1800	72	1.11	1.45	1063	2,344	100	⊙	○	●	⊙	●		
	B	1800	72	1.40	1.83	1148	2,531	100	⊖	◇	⊙	○	⊙		
	B	2000	79	1.23	1.61	1096	2,416	100	⊙	○	●	⊖	●		
	B	2000	79	1.23	1.61	1132	2,496	100	⊖	◇	●	⊖	⊙		
General Duty	312, A	900	36	0.53	0.69	403	888	100						○	
Ditch Cleaning Long Reach	312, A	1200	48	0.57	0.74	386	851	100						○	
Maximum load with pin-on (payload + bucket)									kg	3100	2445	3710	2985	2840	1140
									lb	6,834	5,390	8,179	6,581	6,261	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.

TRS = Thumb Ready Stick

### Maximum Material Density:

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

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	4.2 mt (9,300 lb) Counterweight		5.4 mt (11,900 lb) Counterweight		5.4 mt (11,900 lb) Counterweight	
		mm	in	m³	yd³	kg	lb		%	Reach Boom		Reach Boom		HD Reach Boom
										R2.9 (9'6")	R3.9 (12'10")	R2.9 (9'6")	R3.9 (12'10")	R2.9 (9'6") HD TRS
<b>With Cat Pin Grabber Coupler</b>														
General Duty – Capacity	B	600	24	0.55	0.72	619	1,363	100	●	●	●	●	●	
	B	750	30	0.75	0.98	710	1,566	100	●	⊙	●	●	●	
	B	900	36	0.95	1.24	787	1,735	100	●	○	●	⊙	●	
	B	1050	42	1.16	1.52	848	1,870	100	⊖	◇	●	⊖	⊙	
	B	1200	48	1.38	1.80	926	2,041	100	○	◇	⊙	○	⊖	
	B	1350	54	1.59	2.08	1004	2,213	100	◇	X	⊖	◇	○	
General Duty – Capacity – Wide Tip	B	600	24	0.55	0.72	633	1,394	100	●	●	●	●	●	
	B	750	30	0.75	0.98	731	1,612	100	●	⊙	●	●	●	
	B	900	36	0.95	1.24	813	1,793	100	●	○	●	⊙	●	
	B	1050	42	1.16	1.52	895	1,973	100	⊖	◇	●	⊖	⊙	
	B	1200	48	1.38	1.80	979	2,158	100	○	X	⊙	○	⊖	
	B	1350	54	1.59	2.08	1063	2,343	100	◇	X	⊖	◇	○	
Heavy Duty	B	600	24	0.46	0.61	649	1,431	100	●	●	●	●	●	
	B	750	30	0.64	0.84	748	1,649	100	●	●	●	●	●	
	B	900	36	0.81	1.06	826	1,821	100	●	⊖	●	●	●	
	B	1050	42	1.00	1.31	880	1,940	100	⊙	○	●	⊙	●	
	B	1200	48	1.19	1.56	972	2,141	100	⊖	◇	●	○	⊙	
	B	1350	54	1.38	1.81	1054	2,322	100	○	X	⊖	○	⊖	
Heavy Duty – Power	B	900	36	0.79	1.03	842	1,856	100	●	⊖	●	●	●	
	B	1050	42	0.96	1.26	907	1,999	100	⊙	○	●	⊙	●	
	B	1200	48	1.14	1.49	993	2,188	100	⊖	◇	●	⊖	⊙	
Heavy Duty – Pin Grabber Performance	B	600	24	0.44	0.57	676	1,491	100	●	●	●	●	●	
	B	750	30	0.60	0.79	778	1,715	100	●	●	●	●	●	
	B	900	36	0.76	1.00	864	1,904	100	●	⊖	●	●	●	
	B	1050	42	0.93	1.22	928	2,045	100	⊙	○	●	⊙	●	
	B	1200	48	1.11	1.45	1016	2,239	100	⊖	◇	●	⊖	⊙	
	B	1350	54	1.28	1.67	1104	2,432	100	○	X	⊙	○	⊖	
Severe Duty	B	600	24	0.46	0.61	694	1,530	90	●	●	●	●	●	
	B	750	30	0.64	0.84	802	1,768	90	●	●	●	●	●	
	B	900	36	0.81	1.06	889	1,959	90	●	⊖	●	●	●	
	B	1050	42	1.00	1.31	964	2,125	90	●	○	●	⊙	●	
	B	1200	48	1.19	1.56	1053	2,320	90	⊖	◇	●	⊖	⊙	
Severe Duty – Power	B	900	36	0.79	1.03	908	2,001	90	●	⊖	●	●	●	
Mud/Cleanup	B	1700	72	1.60	2.09	979	2,158	100	◇	X	⊖	◇	○	
Ditch Cleaning	B	1500	60	1.01	1.32	652	1,437	100	●	⊖	●	⊙	●	
	B	1800	72	1.24	1.62	740	1,631	100	⊖	◇	●	⊖	⊙	
	B	2000	78	1.22	1.60	869	1,916	100	⊖	◇	●	⊖	⊙	
Ditch Cleaning – Tilt	B	1500	60	0.90	1.18	948	2,090	100	●	○	●	⊙	●	
	B	1800	72	1.11	1.45	1063	2,344	100	⊖	◇	●	⊖	⊙	
	B	1800	72	1.40	1.83	1148	2,531	100	○	X	⊖	◇	○	
	B	2000	79	1.23	1.61	1096	2,416	100	○	X	⊙	○	⊖	
	B	2000	79	1.23	1.61	1132	2,496	100	○	X	⊙	○	⊖	
Maximum load with coupler (payload + bucket)									kg	2779	2112	3401	2660	3140
									lb	6,127	4,656	7,498	5,865	6,924

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.

TRS = Thumb Ready Stick

### Maximum Material Density:

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

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    
  \* Working range front only    
  † Allowed usage on machine less than 50%    
  No Match    
  1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)    
  1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

### PIN-ON ATTACHMENTS

Counterweight		4.2 mt (9,300 lb)		4.2 mt (9,300 lb)
Boom Type		Reach		HD Reach
Stick Length		2.9 m (9'6")	3.9 m (12'10")	2.9 m (9'6")
Hydraulic Hammers	H120 GC	✓	✓	✓
	H120 GC S	✓	✓	✓
	H120 S	✓	✓	✓
	H130 GC			✓
	H130 GC S			✓
	H130 S	✓†	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓
	G318 WH-800	✓	✓	✓
	G318 WH-1100	✓		✓
	G324	✓*		✓*
	G324 WH-1500	✓*		
Mobile Scrap and Demolition Shears	S3025	✓		✓
	S3025 Flat Top	✓		✓
Pulverizers	P218 Secondary Pulverizer	✓		✓
	P224 Secondary Pulverizer			
	P318 Primary Pulverizer	✓		✓
	P324 Primary Pulverizer	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓
Mulchers	HM4015 Standard	✓	✓	✓
	HM4015 Bite Limiter	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●
	GSH420-600	●	●	●
	GSH420-750	●	○	●
	GSH425-750	●		○
	GSH425-950	○		○
	GSH520-500	●	●	●
	GSH520-600	●	○	●
	GSH520-750	●	○	●
GSH525-750	○		○	

Demolition and Sorting Grapple: WH – Waste Handling shells

TRS = Thumb Ready

(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%   
  No Match   
  1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)   
  1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

### PIN-ON ATTACHMENTS

Counterweight		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
		Reach		HD Reach	
Boom Type					
Stick Length		2.9 m (9'6")	3.9 m (12'10")	2.9 m (9'6")	2.9 m TR (9'6")
Hydraulic Hammers	H120 GC	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 GC			✓	
	H130 GC S			✓	
	H130 S	✓†	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓		✓	✓
	G324	✓		✓	✓
	G324 WH-1500	✓		✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓
	S3025 Flat Top	✓		✓	✓
Pulverizers	P218 Secondary Pulverizer	✓		✓	✓
	P224 Secondary Pulverizer				
	P318 Primary Pulverizer	✓		✓	✓
	P324 Primary Pulverizer	✓			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Mulchers	HM4015 Standard	✓	✓	✓	✓
	HM4015 Bite Limiter	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●
	GSH420-600	●	●	●	●
	GSH420-750	●	●	●	●
	GSH425-750	●	○	●	●
	GSH425-950	●		●	●
	GSH425-1150	○		○	○
	GSH520-500	●	●	●	●
	GSH520-600	●	●	●	●
	GSH520-750	●	○	●	●
	GSH525-750	●		●	●
	GSH525-950	○		○	○
	GSH525-1150	○		○	

Demolition and Sorting Grapple: WH – Waste Handling shells

TRS = Thumb Ready

(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     
  \* Working range front only     
  † Allowed usage on machine less than 50%     
  No Match

### CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,300 lb)			5.4 mt (11,900 lb)			
		Reach		HD Reach	Reach		HD Reach	
Boom Type		2.9 m (9'6")	3.9 m (12'10")	2.9 m (9'6")	2.9 m (9'6")	3.9 m (12'10")	2.9 m (9'6")	2.9 m TR (9'6")
Stick Length								
Hydraulic Hammers	H120 GC	✓†	✓†	✓	✓†	✓†	✓	✓
	H120 GC S	✓†	✓†	✓	✓†	✓†	✓	✓
	H120 S	✓†	✓†	✓	✓†	✓†	✓	✓
	H130 GC	✓†		✓*	✓†		✓	✓
	H130 GC S	✓†		✓	✓†		✓	✓
	H130 S	✓†		✓	✓†		✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓*	✓		✓	✓
	MP318 Shear Jaw	✓		✓	✓		✓	✓
	MP318 Universal Jaw	✓		✓	✓		✓	✓
Demolition and Sorting Grapples	G318	✓		✓	✓		✓	✓
	G318 WH-800	✓		✓	✓		✓	✓
	G318 WH-1100	✓		✓*	✓		✓	✓
	G324							
Mobile Scrap and Demolition Shears	S3025	✓		✓*	✓		✓	✓
	S3025 Flat Top	✓*			✓			
Pulverizers	P218 Secondary Pulverizer	✓		✓	✓		✓	✓
	P318 Primary Pulverizer	✓		✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015 Standard	✓	✓	✓	✓	✓	✓	✓
	HM4015 Bite Limiter	✓	✓	✓	✓	✓	✓	✓

Demolition and Sorting Grapple: WH – Waste Handling shells

TRS = Thumb Ready

*(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%       No Match

### TRS18 (PIN-ON TOP/S70 BOTTOM) ATTACHMENTS

Counterweight		4.2 mt (9,300 lb)			5.4 mt (11,900 lb)		
Boom Type		Reach	Reach	HD Reach	Reach	Reach	HD Reach
Stick Length		2.9 m (9'6")	3.9 m (12'10")	2.9 m (9'6")	2.9 m (9'6")	3.9 m (12'10")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓
	H120 GC S	✓†		✓	✓†		✓
	H120 S	✓†		✓	✓†		✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓

**NOTE:** Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

### BOOM-MOUNT ATTACHMENTS

Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach HD	Reach ES	Reach HD	
Mobile Scrap and Demolition Shears	S2050	✓		✓	
	S3035	✓		✓	
	S3035 Flat Top	✓	✓	✓	

Demolition and Sorting Grapple: WH – Waste Handling shells

TRS = Thumb Ready

## Thumb Specifications

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

Match       No Match

Bucket Type	Tooth Quantity	Width		Pro Plus		Pro		Still Link		Utility	
		mm	in	Pin-On	Cat Pin Grabber	Pin-On	Cat Pin Grabber	Pin-On	Cat Pin Grabber	Pin-On	Cat Pin Grabber
General Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
	7	1350	54	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
	7	1350	54	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty Power	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1208	48				✓	✓	✓	✓	✓
Severe Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
Pin Grabber Performance Buckets	5	902	36		✓					✓	✓
	5	1056	42		✓		✓			✓	✓
	6	1208	48		✓					✓	✓
	7	1350	54							✓	✓

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>CAB</b>			<b>ENGINE</b>		
ROPS, standard sound suppression	✓		Three selectable power modes	✓	
High-resolution 254 mm (10 in) LCD touchscreen monitor	✓		Auto engine speed control	✓	
High-resolution 254 mm (10 in) LCD touchscreen monitor + additional monitor (for Cat Grade with Advanced 2D or Cat Grade with 3D)		✓	Auto engine idle shutdown	✓	
Auto bi-level air conditioner	✓		Work up to 3000 m (9,842.5 ft) above sea level without engine power de-rating	✓	
Jog dial and shortcut keys for monitor control	✓		52° C (125° F) high-ambient cooling capacity	✓	
Keyless push-to-start engine control	✓		Cold starting capability for -18° C (0° F)	✓	
Height-adjustable console, infinite with no tool	✓		Cold starting capability for -32° C (-25° F)		✓
Heated seat with air-adjustable suspension	✓		Double element air filter with integrated pre-cleaner	✓	
51 mm (2 in) seat belt	✓		Electric fuel priming pump	✓	
Tilt-up left-side console	✓		Electric cooling fans with auto-reverse function	✓	
Cat Stick Steer		✓	<b>HYDRAULIC SYSTEM</b>		
Bluetooth integrated radio with USB ports	✓		Boom and stick regeneration circuits	✓	
12V DC outlets	✓		Boom and stick lowering check valves		✓
Document storage	✓		Heavy lift configuration		✓
Rear head storage net and lunchbox storage net	✓		Electronic main control valve	✓	
Cup and bottle holders	✓		Auto Dig Boost <sup>(1)</sup>	✓	
Openable two-piece front window	✓		Auto heavy lift	✓	
Upper radial wiper with washer	✓		Auto warm up	✓	
Openable polycarbonate skylight hatch	✓		Auto two-speed travel	✓	
LED dome light	✓		Boom and stick drift reduction valve	✓	
Floor welcome light	✓		Element type main hydraulic filter	✓	
Roller front sunscreen	✓		Slider joysticks	✓	
Roller rear sunscreen		✓	Tandem type electronic main pump	✓	
Washable floor mat	✓		Fine swing control	✓	
Beacon ready	✓		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		✓

<sup>(1)</sup>Requires heavy lift valve; not 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
<b>UNDERCARRIAGE AND STRUCTURES</b>			<b>BOOMS, STICKS AND LINKAGES</b>		
600 mm (24 in) single grouser track shoes		✓	5.7 m (18'8") Reach boom		✓
790 mm (31 in) HD triple grouser track shoes	✓		5.7 m (18'8") HD Reach boom		✓
Tie-down points on base frame	✓		8.85 m (29'0") Super Long Reach boom		✓
Segmented track guiding guards	✓		2.9 m (9'6") Reach stick		✓
Full-length track guiding guards		✓	2.9 m (9'6") HD Thumb Ready Reach stick		✓
HD bottom guard	✓		3.9 m (12'10") Reach stick		✓
Swivel guard		✓	6.28 m (20'7") Super Long Reach stick		✓
HD travel motor guards	✓		Bucket linkage, B1-family with lifting eye, Cat Grade		✓
Grease lubricated track links	✓		Bucket linkage, A-family, with lifting eye		✓
4200 kg (9,260 lb) counterweight		✓	<b>ELECTRICAL SYSTEM</b>		
5400 kg (11,900 lb) counterweight	✓		1,000 CCA maintenance-free batteries (×2)	✓	
Semi-HD swing frame		✓	Centralized electrical disconnect switch	✓	
HD swing frame	✓		Programmable time-delay LED working lights	✓	
HD swing bearing	✓		LED chassis light, LH and RH boom lights, cab lights	✓	
HD base frame with SD track rollers and standard carrier rollers	✓		Premium surround lighting package		✓
SD base frame with SD track rollers and SD carrier rollers		✓			
Base frame with HD track rollers and standard carrier rollers		✓			
Final drive with standard travel motor	✓				

*(continued on next page)*

## Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
<b>CAT TECHNOLOGY</b>			<b>SERVICE AND MAINTENANCE</b>		
Cat Product Link™	✓		Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓	
Work tool recognition	✓		QuickEvac™ maintenance ready		✓
Work tool tracking*	✓		Grouped location for engine oil and fuel filters	✓	
Laser catcher		✓	Ground-level second dipstick for engine oil	✓	
Cat Grade with 2D and offset memory**	✓		Radiator screen		✓
Cat Grade with Advanced 2D		✓	<b>SAFETY AND SECURITY</b>		
Cat Grade with 3D connectivity:	✓		Cat Command remote control		✓
– Compatibility with radios and base stations from Trimble, Topcon, and Leica			Rearview and right-hand-sideview cameras	✓	
– Capability to install 3D grade systems from Trimble, Topcon, and Leica			360° visibility		✓
Cat Assist:	✓		Cat Detect – People Detection		✓
– Grade Assist			Neutral lever (lock out) for all controls	✓	
– Boom Assist			Anti-skid plate and countersunk bolts on service platform	✓	
– Bucket Assist			Ground-level accessible secondary engine shutoff switch in cab	✓	
– Swing Assist			RH handrail and handhold (ISO 2867:2011 compliant)	✓	
– Lift Assist***			Travel alarm	✓	
Cat Payload:	✓		Inspection lighting		✓
– 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.

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

\*\*\*Not available for Super Long Reach.

# 323 Attachments

## Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- Radial lower wiper
- LH/RH electrical pedal for tool control
- Dual exit rear window kit
- Rain protector plus cab light cover
- 75 mm (3") retractable seat belt

### SAFETY AND SECURITY

- Bluetooth® key fob

### SERVICE AND MAINTENANCE

- Grease gun holder

### ELECTRICAL

- Jump start wiring

### 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)
- Mesh guard lower half front
- Full protecting vandalism guard

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AEXQ2162-05 (08-2021)  
Replaces AEXQ2162-04  
Build Number: 07E  
(N Am)

