



# 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	117 kW	157 hp
ISO 9249 (DIN)	159 hp (metric)	
Engine Power		
ISO 14396	118 kW	158 hp
ISO 14396 (DIN)	160 hp (metric)	
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>	

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 1,800 rpm.

<sup>(1)</sup>Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels\*\* up to:

- ✓ 100% 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.

\*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	22 900 kg	50,500 lb
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- Long undercarriage, HD Reach boom, HD R2.9 (9'6") stick, 1.30 m<sup>3</sup> (1.70 yd<sup>3</sup>) Heavy Duty (HD) bucket, 600 mm (24") HD shoes, and 4.2 mt (9,260 lb) counterweight.

## Track

Standard Track Shoe Width	600 mm	24 in
Optional Track Shoe Width	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	204 kN	45,861 lbf

## Hydraulic System

Main System – Maximum Flow – Implement	429 L/min (215 × 2 pumps)	113 gal/min (57 × 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	5 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

## Service Refill Capacities

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

## Standards

Brakes	ISO 10265:2008
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Operator Protective Guards (OPG) (optional)	ISO 10262-2:1998 Level II

## 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.

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## Operating Weights and Ground Pressures

	600 mm (24") HD Triple Grouser Shoes				790 mm (31") HD Triple Grouser Shoes			
	Weight		Ground Pressure		Weight		Ground Pressure	
	kg	lb	kPa	psi	kg	lb	kPa	psi
<b>Base Machine Configurations</b>								
<b>Base Frame with Track Rollers and Carrier Rollers</b>								
<b>4.2 mt (9,260 lb) Counterweight + Long Undercarriage Base Machine</b>								
HD Reach Boom + HD R2.9 (9'6") Stick + 1.30 m <sup>3</sup> (1.70 yd <sup>3</sup> ) HD Bucket								
	22 900	(50,500)	47.6	(6.9)	23 600	(52,000)	37.3	(5.4)
<b>5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine</b>								
HD Reach Boom + HD R2.9 (9'6") Stick + 1.30 m <sup>3</sup> (1.70 yd <sup>3</sup> ) HD Bucket								
	24 300	(53,600)	50.5	(7.3)	25 000	(55,100)	39.5	(5.7)
<b>5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine</b>								
Super Long Reach Boom + 6.28A (20'7") Super Long Reach Stick + 0.57 m <sup>3</sup> (0.74 yd <sup>3</sup> ) DC Bucket								
	24 000	(52,900)	49.9	(7.2)	24,700	(54,500)	39.0	(5.7)

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

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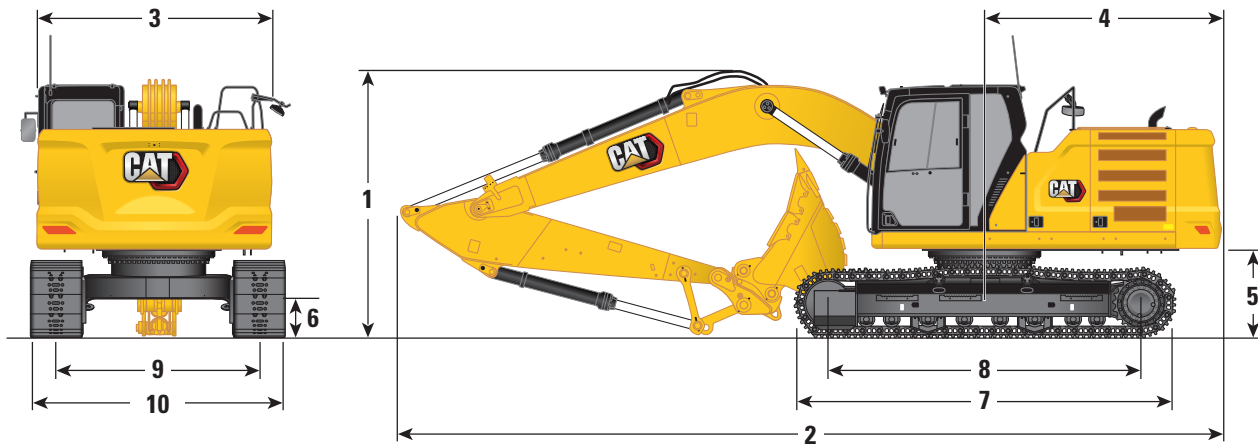
## Major Component Weights

	kg	lb
Base Machine (with 4.2 mt [9,260 lb] counterweight, semi-HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator).	15 000	33,100
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, – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator).	16 400	36,100
Track Shoes:		
600 mm (24") Width, 12.5 mm (0.49") Thick Triple Grouser HD Track Shoes	3080	6,800
790 mm (31") Width, 12.5 mm (0.49") 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
Counterweights:		
4.2 mt (9,260 lb) Counterweight	4200	9,300
5.4 mt (11,900 lb) Counterweight	5400	11,900
Swing Frames:		
Semi-HD Swing Frame	1910	4,210
HD 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	4,780
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
HD Reach Stick (R2.9B1/9'6")	1210	2,700
HD Reach Stick (R2.5B1/8'2")	1180	2,600
Super Long Reach Stick (6.28A/20'7")	1340	2,950
Buckets (without linkage):		
1.30 m <sup>3</sup> (1.70 yd <sup>3</sup> ) HD	930	2,000
0.57 m <sup>3</sup> (0.74 yd <sup>3</sup> ) Ditch Cleaning (DC)	390	850
0.53 m <sup>3</sup> (0.69 yd <sup>3</sup> ) General Duty (GD)	410	900

# 323 Hydraulic Excavator Specifications

## Dimensions

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



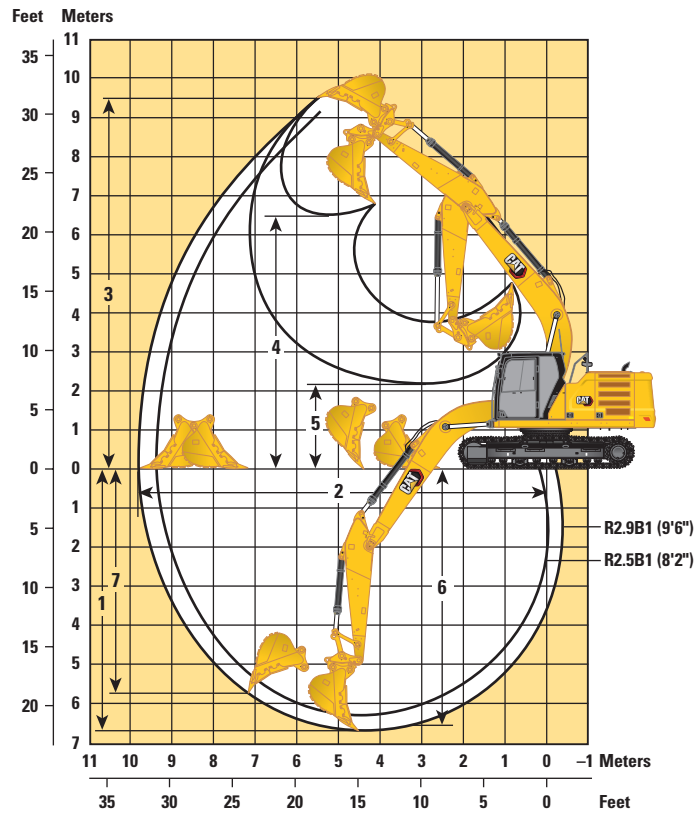
Boom Options	HD Reach Boom 5.7 m (18'8")		Super Long Reach Boom 8.85 m (29'0")			
Stick Options	HD Reach Sticks		Super Long Reach Stick			
	R2.9B1 (9'6")	R2.5B1 (8'2")	6.28A (20'7")			
<b>1 Machine Height:</b>						
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"
Top of GNSS Antenna Height (if 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	9'8"	2950 mm	9'8"	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3160 mm	10'4"	3080 mm	10'1"	3190 mm	10'6"
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	8'8"
<b>2 Machine Length:</b>						
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"
<b>3 Upperframe Width</b>	2780 mm	9'1"	2780 mm	9'1"	2780 mm	9'1"
<b>4 Tail Swing Radius</b>	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"
<b>5 Counterweight Clearance</b>	1050 mm	3'5"	1050 mm	3'5"	1050 mm	3'5"
<b>6 Ground Clearance</b>	470 mm	1'7"	470 mm	1'7"	470 mm	1'7"
<b>7 Track Length</b>	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"
<b>8 Length to Center of Rollers</b>	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"
<b>9 Track Gauge</b>	2380 mm	7'10"	2380 mm	7'10"	2380 mm	7'10"
<b>10 Undercarriage Width:</b>						
600 mm (24") Shoes	2980 mm	9'9"	2980 mm	9'9"	2980 mm	9'9"
790 mm (31") Shoes	3170 mm	10'5"	3170 mm	10'5"	3170 mm	10'5"
Bucket Type	HD		HD		DC*	
Bucket Capacity	1.30 m <sup>3</sup>	1.70 yd <sup>3</sup>	1.30 m <sup>3</sup>	1.70 yd <sup>3</sup>	0.57 m <sup>3</sup>	0.74 yd <sup>3</sup>
Bucket Tip Radius	1580 mm	5'2"	1580 mm	5'2"	1073 mm	3'5"

\*SLR has same data with 0.53 m<sup>3</sup> (0.69 yd<sup>3</sup>) GC bucket/1224 mm (4.0 ft) bucket tip radius.

# 323 Hydraulic Excavator Specifications

## Working Ranges

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



### Boom Options

**HD Reach Boom**  
5.7 m (18'8")

### Stick Options

**HD Reach Sticks**

**R2.9B1 (9'6")**

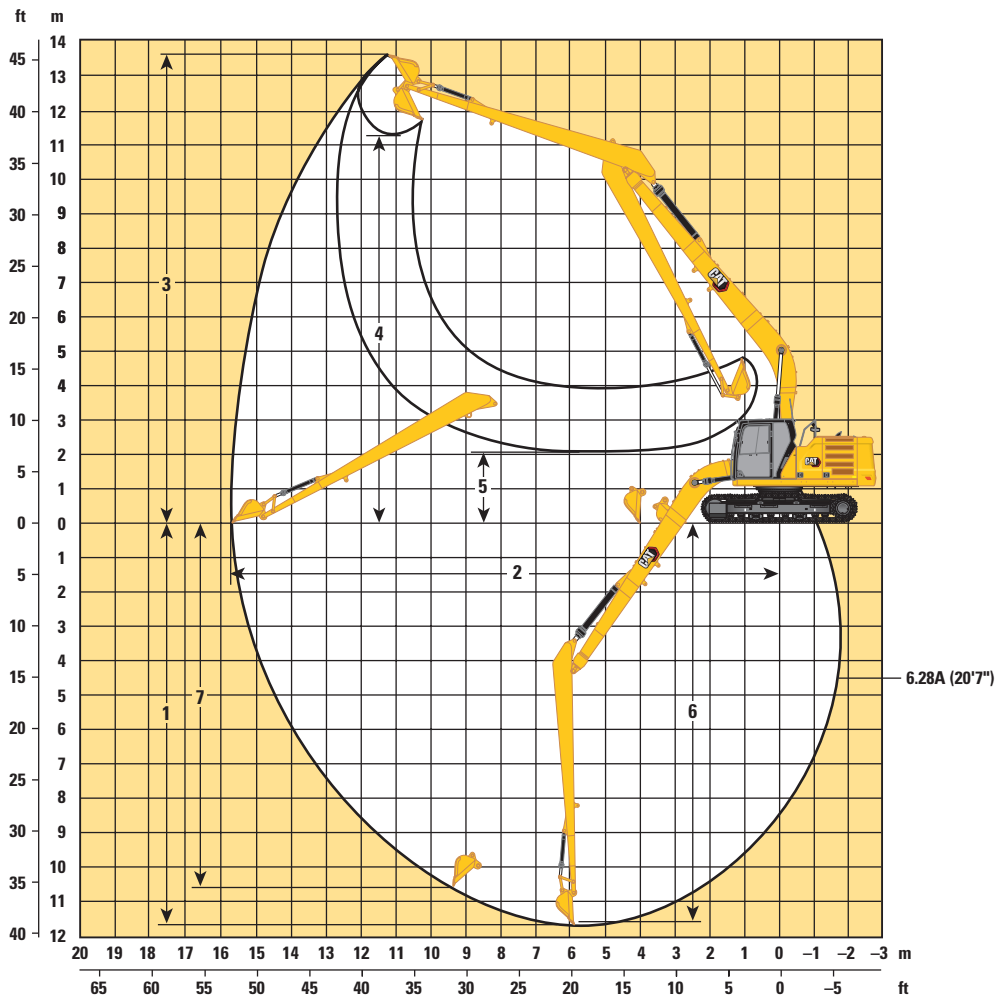
**R2.5B1 (8'2")**

	R2.9B1 (9'6")	R2.5B1 (8'2")
<b>1</b> Maximum Digging Depth	6730 mm	22'1"
<b>2</b> Maximum Reach at Ground Line	9870 mm	32'4"
<b>3</b> Maximum Cutting Height	9450 mm	31'0"
<b>4</b> Maximum Loading Height	6480 mm	21'3"
<b>5</b> Minimum Loading Height	2160 mm	7'1"
<b>6</b> Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6560 mm	21'6"
<b>7</b> Maximum Vertical Wall Digging Depth	5620 mm	18'5"
Bucket Digging Force (ISO)	140 kN	31,505 lbf
Stick Digging Force (ISO)	107 kN	23,962 lbf
Bucket Digging Force (ISO) – Auto Dig Boost	152 kN	34,205 lbf
Stick Digging Force (ISO) – Auto Dig Boost	116 kN	26,016 lbf
Bucket Type	HD	HD
Bucket Capacity	1.30 m <sup>3</sup>	1.70 yd <sup>3</sup>
Bucket Tip Radius	1580 mm	5'2"

# 323 Hydraulic Excavator Specifications

## Working Ranges

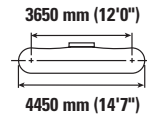
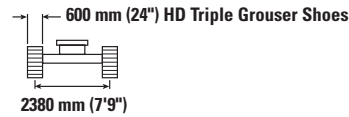
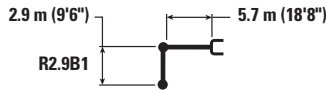
All dimensions are approximate and may vary depending on bucket selection.



Boom Option	Super Long Reach Boom 8.85 m (29'0")			
Stick Options	Super Long Reach Stick 6.28A (20'7")			
1 Maximum Digging Depth	11 540 mm	37'10"	11 690 mm	38'4"
2 Maximum Reach at Ground Line	15 570 mm	51'1"	15 730 mm	51'7"
3 Maximum Cutting Height	13 540 mm	44'5"	13 610 mm	44'8"
4 Maximum Loading Height	11 440 mm	37'6"	11 290 mm	37'0"
5 Minimum Loading Height	2240 mm	7'4"	2080 mm	6'10"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	11 440 mm	37'6"	11 590 mm	38'0"
7 Maximum Vertical Wall Digging Depth	11 020 mm	36'2"	10 560 mm	34'8"
Bucket Digging Force (ISO)	62 kN	13,841 lbf	60 kN	13,549 lbf
Stick Digging Force (ISO)	49 kN	10,966 lbf	49 kN	10,935 lbf
Bucket Type	DC		GD	
Bucket Capacity	0.57 m <sup>3</sup>	0.74 yd <sup>3</sup>	0.5 m <sup>3</sup>	0.69 yd <sup>3</sup>
Bucket Tip Radius	1070 mm	3'6"	1230 mm	4'0"

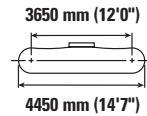
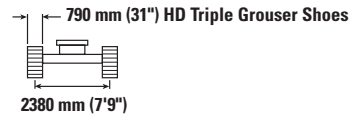
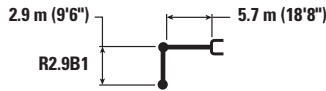
# 323 Hydraulic Excavator Specifications

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,260 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							*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	5250 11,300	*5500 *12,000	3700 7,900	*3850 *8,450	3300 7,300	7990 320
3000 mm 120 in	kg lb					*8550 *18,400	7650 16,500	*6700 *14,500	5000 10,750	5600 12,000	3550 7,650	*3950 *8,650	3000 6,600	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	7100 15,250	*7600 16,350	4750 10,200	5450 11,700	3450 7,400	*4150 *9,150	2900 6,350	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	6750 14,550	7400 15,900	4550 9,750	5350 11,450	3350 7,200	*4600 *10,150	2950 6,450	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	6650 14,350	7300 15,700	4450 9,600	5300 11,400	3300 7,150	5050 11,100	3150 6,950	7780 310
-3000 mm -120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	13 050 28,000	*10 700 *23,050	6750 14,500	7350 15,800	4500 9,650			5950 13,250	3750 8,250	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	6950 15,000					*6550 *14,350	5150 11,600	5600 220

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,260 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							*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	5400 11,650	*5500 *12,000	3800 8,100	*3850 *8,450	3400 7,550	7990 320
3000 mm 120 in	kg lb					*8550 *18,400	7850 16,950	*6700 *14,500	5150 11,050	5750 12,350	3700 7,900	*3950 *8,650	3100 6,800	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	7300 15,700	*7600 *16,450	4900 10,500	5600 12,050	3550 7,650	*4150 *9,150	3000 6,550	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	7000 15,000	7650 16,400	4700 10,100	5500 11,850	3450 7,400	*4600 *10,150	3050 6,650	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	6900 14,800	7550 16,200	4600 9,900	5450 11,750	3400 7,350	5200 11,500	3250 7,200	7780 310
-3000 mm -120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	13 450 28,850	*10 700 *23,050	6950 14,950	7600 16,300	4650 10,000			6150 13,650	3850 8,500	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	7200 15,450					*6550 *14,350	5300 11,950	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.

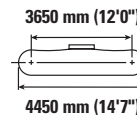
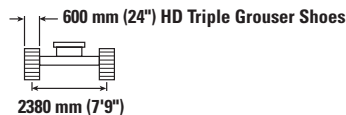
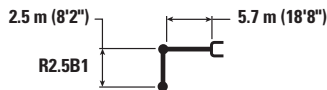
Lift capacity stays with ±5% for all available track shoes.












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



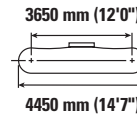
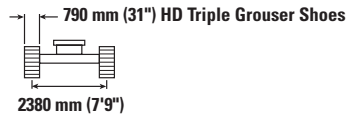
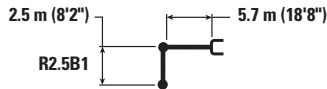
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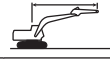










## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,260 lb) – without Bucket – Heavy Lift: On



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				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	5400 11,600			*4700 *10,350	4350 9,700	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	5250 11,250	*5150	3650	*4600 *10,100	3600 7,950	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	7550 16,300	*7000 *15,200	5000 10,750	5600 12,000	3550 7,650	*4700 *10,350	3250 7,150	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	7050 15,200	7650 16,400	4750 10,200	5450 11,750	3450 7,450	4900 10,850	3100 6,850	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	6800 14,650	7450 16,000	4600 9,850	5400 11,600	3400 7,300	5050 11,100	3200 7,000	7860 310
-1500 mm -60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	6750 14,550	7400 15,900	4500 9,750			5550 12,200	3500 7,650	7350 290
-3000 mm -120 in	kg lb	*14 150 *30,650	13 350 28,600	*10 250 *22,200	6900 14,800	7500 16,100	4600 9,900			6750 *14,900	4200 9,300	6470 260
-4500 mm -180 in	kg lb			*7650 *16,000	7200 15,500					*6600 *14,500	6250 14,150	4980 200

## Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,260 lb) – without Bucket – Heavy Lift: On



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				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	5550 11,900			*4700 *10,350	4450 9,950	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	5400 11,600	*5150	3750	*4600 *10,100	3700 8,200	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	7800 16,800	*7000 *15,200	5150 11,050	5750 12,400	3700 7,900	*4700 *10,350	3350 7,400	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	7250 15,650	*7850 *16,900	4900 10,500	5650 12,150	3550 7,700	*5000 *11,000	3250 7,100	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	7000 15,100	7700 16,500	4700 10,150	5550 11,950	3500 7,500	5200 11,450	3300 7,200	7860 310
-1500 mm -60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	7000 15,000	7650 16,400	4650 10,050			5700 12,600	3600 7,900	7350 290
-3000 mm -120 in	kg lb	*14 150 *30,650	13 750 29,450	*10 250 *22,200	7100 15,250	*7600 *16,200	4750 10,250			*6800 *14,900	4350 9,600	6470 260
-4500 mm -180 in	kg lb			*7650 *16,000	7400 15,950					*6600 *14,500	6450 *14,500	4980 200



ISO 10567:2007



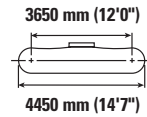
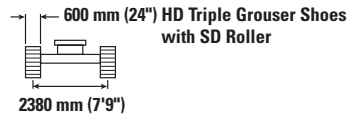
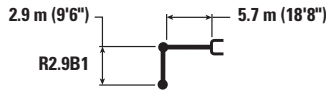
\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

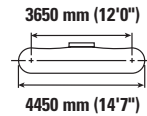
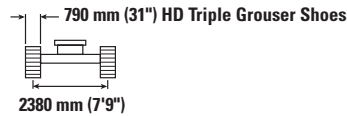
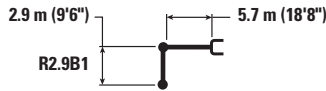
# 323 Hydraulic Excavator Specifications

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



Reach	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	
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	4350 9,350	*3850 *8,450	*3850 *8,450	7990 320
3000 mm 120 in	kg lb					*8550 *18,400	*8550 *18,400	*6700 *14,500	5900 12,650	*5850 *12,700	4250 9,100	*3950 *8,650	*3600 *7,900	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	8400 18,050	*7600 *16,450	5600 12,100	*6300 13,550	4100 8,850	*4150 *9,150	3450 7,650	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	8050 17,350	*8250 *17,850	5450 11,700	6200 13,350	4000 8,650	*4600 *10,150	3550 7,750	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	7950 17,150	*8450 18,250	5350 11,500	6150 13,250	4000 8,600	*5400 *11,950	3800 8,400	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	8050 17,300	*7900 *17,050	5400 11,600			*6500 *14,250	4450 9,900	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	8250 17,800					*6550 *14,350	6150 13,800	5600 220

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



Reach	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	
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 *18,400	*8550 *18,400	*6700 *14,500	6000 12,950	*5850 *12,700	4350 9,350	*3950 *8,650	*3700 *8,100	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	8600 18,500	*7600 *16,450	5750 12,400	*6300 *13,650	4200 9,050	*4150 *9,150	3550 7,850	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	8250 17,800	*8250 *17,850	5550 12,000	6350 13,700	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	*11 400 *24,700	8150 17,600	*8450 *18,250	5500 11,800	6300 13,600	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	8250 17,700	*7900 *17,050	5500 11,900			*6500 *14,250	4600 10,150	6950 280
-4500 mm -180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	8450 18,250					*6550 *14,350	6300 14,150	5600 220



ISO 10567:2007



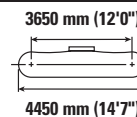
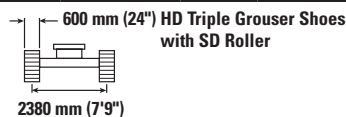
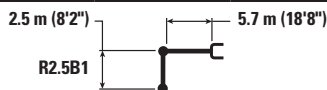
\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

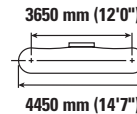
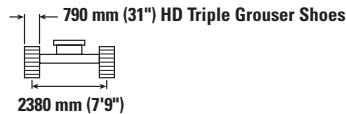
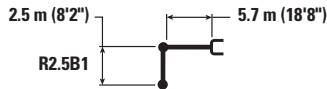
# 323 Hydraulic Excavator Specifications












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



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				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

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



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				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 13,450	*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



\* 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.

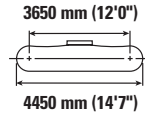
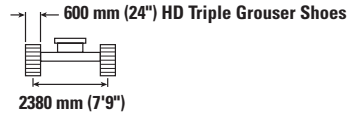
# 323 Hydraulic Excavator Specifications

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

8.85 m (29'0")



6.28 m (20'7")



	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
12 000 480	kg lb											*1450 *3,200	*1450 *3,200	10 350 400
10 500 420	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 360	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 300	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 240	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 180	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 120	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 60	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	4950 10,700	*4100 *8,850	3700 7,950	*1400 *3,000	1300 2,800	14 600 580
0 0	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4500 9,750	*4550 *9,800	3400 7,300	*1450 *3,200	1300 2,800	14 490 570
-1500 -60	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4250 9,150	*4850 *10,450	3200 6,850	*1550 *3,450	1300 2,800	14 230 560
-3000 -120	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4100 8,850	*5000 *10,800	3050 6,600	*1750 *3,800	1350 2,950	13 790 550
-4500 -180	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,250	*6400 *13,800	4050 8,750	*5050 *10,850	3000 6,450	*1950 *4,300	1450 3,150	13 170 520
-6000 -240	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6250 13,500	*6150 *13,250	4100 8,850	*4900 *10,550	3050 6,500	*2300 *5,100	1600 3,500	12 340 490
-7500 -300	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6450 13,900	*5650 *12,150	4200 9,100	*4550 *9,750	3100 6,650	*2700 *5,950	1850 4,150	11 240 440
-9000 -360	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4400 9,550	*3900 *8,300	3250 7,000	*2700 *5,900	2350 5,250	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.

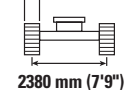
# 323 Hydraulic Excavator Specifications

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

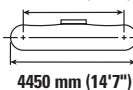
8.85 m (29'0")      6.28 m (20'7")















600 mm (24") HD Triple Grouser Shoes



3650 mm (12'0")



	9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/520 in				mm in	
												
12 000 480	kg lb									*1450 *3,200	*1450 *3,200	10 350 400
10 500 420	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11 660 460
9000 360	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	2150 *4,200			*1300 *2,850	*1300 *2,850	12 660 500
7500 300	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	2150 4,600			*1250 *2,800	*1250 *2,800	13 410 530
6000 240	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2100 4,450	*2100 *3,700	1650 3,500	*1250 *2,750	*1250 *2,750	13 970 550
4500 180	kg lb	*2800 *6,050	*2800 *6,050	*2550 *5,550	2550 5,450	*2400 *5,200	2000 4,300	*2300 *5,000	1600 3,400	*1300 *2,800	*1300 *2,800	14 340 570
3000 120	kg lb	*3100 *6,750	*3100 6,600	*2800 *6,000	2400 5,150	*2550 *5,500	1950 4,100	*2400 *5,150	1550 3,300	*1300 *2,900	*1300 *2,900	14 550 580
1500 60	kg lb	*3450 *7,400	2850 6,150	*3000 *6,450	2250 4,850	*2700 *5,800	1850 3,900	2450 5,200	1500 3,150	*1400 *3,000	1300 2,800	14 600 580
0 0	kg lb	*3700 *8,050	2650 5,700	*3200 *6,900	2150 4,600	*2800 6,100	1750 3,700	2400 5,100	1450 3,050	*1450 *3,200	1300 2,800	14 490 570
-1500 -60	kg lb	*3950 *8,550	2500 5,400	3350 7,200	2050 4,350	2750 5,950	1650 3,550	2350 5,000	1400 3,000	*1550 *3,450	1300 2,800	14 230 560
-3000 -120	kg lb	4050 8,650	2400 5,200	3250 7,000	1950 4,200	2700 5,850	1650 3,500	2300 *4,200	1400 2,950	*1750 *3,800	1350 2,950	13 790 550
-4500 -180	kg lb	4000 8,550	2350 5,100	3250 6,950	1950 4,150	2700 5,800	1600 3,450			*1950 *4,300	1450 3,150	13 170 520
-6000 -240	kg lb	4000 8,550	2350 5,100	3250 7,000	1950 4,150	2750 *5,900	1650 3,550			*2300 *5,100	1600 3,500	12 340 490
-7500 -300	kg lb	*3750 *7,950	2450 5,250	*3050 *6,450	2000 4,350					*2700 *5,950	1850 4,150	11 240 440
-9000 -360	kg lb	*3150 *6,500	2550 5,550							*2700 *5,900	2350 5,250	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.

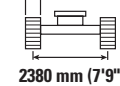
# 323 Hydraulic Excavator Specifications

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

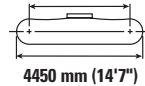
8.85 m (29'0") 6.28 m (20'7")



790 mm (31") HD Triple Grouser Shoes



3650 mm (12'0")



2380 mm (7'9")

4450 mm (14'7")

	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
12 000 480												*1450 *3,200	*1450 *3,200	10 350 400
10 500 420												*1350 *2,950	*1350 *2,950	11 660 460
9000 360												*1300 *2,850	*1300 *2,850	12 660 500
7500 300												*1250 *2,800	*1250 *2,800	13 410 530
6000 240												*1250 *2,750	*1250 *2,750	13 970 550
4500 180												*1300 *2,800	*1300 *2,800	14 340 570
3000 120			*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 60					*6750 *15,950	*6750 *15,950	*5250 *11,300	5100 11,050	*4100 *8,850	3800 8,200	*1400 *3,000	1350 2,950	14 600 580	
0 0			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4650 10,050	*4550 *9,800	3500 7,550	*1450 *3,200	1350 2,900	14 490 570	
-1500 -60	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4400 9,450	*4850 *10,450	3300 7,100	*1550 *3,450	1350 2,950	14 230 560	
-3000 -120	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4250 9,150	*5000 *10,800	3150 6,800	*1750 *3,800	1400 3,050	13 790 550	
-4500 -180	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,700	*6400 *13,800	4200 9,050	*5050 *10,850	3100 6,700	*1950 *4,300	1500 3,250	13 170 520	
-6000 -240	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6500 13,950	*6150 *13,250	4250 9,150	*4900 *10,550	3150 6,750	*2300 *5,100	1650 3,650	12 340 490	
-7500 -300	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6650 14,350	*5650 *12,150	4350 9,400	*4550 *9,750	3200 6,900	*2700 *5,950	1900 4,300	11 240 440	
-9000 -360			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4550 9,850	*3900 *8,300	3350 7,250	*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.

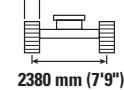
# 323 Hydraulic Excavator Specifications

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

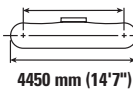
8.85 m (29'0") 6.28 m (20'7")














790 mm (31") HD Triple Grouser Shoes



3650 mm (12'0")



		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/520 in				mm in
												
12 000 480	kg lb									*1450 *3,200	*1450 *3,200	10 350 400
10 500 420	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11 660 460
9000 360	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200			*1300 *2,850	*1300 *2,850	12 660 500
7500 300	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	2200 4,700			*1250 *2,800	*1250 *2,800	13 410 530
6000 240	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 180	kg lb	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2100 4,450	*2300 *5,000	1650 3,550	*1300 *2,800	*1300 *2,800	14 340 570
3000 120	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5,350	*2550 *5,500	2000 4,250	*2400 *5,150	1600 3,400	*1300 *2,900	*1300 *2,900	14 550 580
1500 60	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 2,950	14 600 580
0 0	kg lb	*3700 *8,050	2750 5,900	*3200 *6,900	2200 4,750	*2800 *6,100	1800 3,850	2450 5,300	1500 3,200	*1450 *3,200	1350 2,900	14 490 570
-1500 -60	kg lb	*3950 *8,550	2600 5,600	*3350 *7,250	2100 4,500	2850 6,150	1750 3,700	2400 5,200	1450 3,100	*1550 *3,450	1350 2,950	14 230 560
-3000 -120	kg lb	*4100 *8,850	2500 5,350	3400 7,250	2050 4,350	2800 6,050	1700 3,600	2400 *4,200	1450 3,050	*1750 *3,800	1400 3,050	13 790 550
-4500 -180	kg lb	4100 8,850	2450 5,250	3350 7,200	2000 4,300	2800 6,050	1700 3,600			*1950 *4,300	1500 3,250	13 170 520
-6000 -240	kg lb	*4000 *8,650	2450 5,300	3350 *7,200	2000 4,300	*2800 *5,900	1700 3,650			*2300 *5,100	1650 3,650	12 340 490
-7500 -300	kg lb	*3750 *7,950	2500 5,400	*3050 *6,450	2100 4,500					*2700 *5,950	1900 4,300	11 240 440
-9000 -360	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

## Bucket Specifications and Compatibility – Africa, Middle East

	Linkage	Width		Capacity		Weight		Fill	Counterweight					
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%	4.2 mt (9,260 lb)		5.4 mt (11,900 lb)		SLR (6.28A/20'7")
										HD Reach Boom				
		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")									
<b>Pin-On (No Quick Coupler)</b>														
General Duty	B	600	24	0.46	0.61	555	1,223	100	●	●	●	●		
	B	750	30	0.64	0.84	626	1,380	100	●	●	●	●		
	B	1200	48	1.19	1.56	812	1,789	100	●	⊙	●	●		
	B	1300	51	1.30	1.70	835	1,841	100	⊙	⊖	●	●		
	B	1400	55	1.43	1.87	879	1,937	100	⊖	⊖	●	⊙		
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	●	●	●	●		
	B	1200	48	1.19	1.56	917	2,022	100	⊙	⊙	●	●		
	B	1300	52	1.30	1.70	974	2,148	100	⊙	⊖	●	●		
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	●	●	●		
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	●	⊙	●	●		
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	3170	2935	3825	3555	1140	
								lb	6,989	6,471	8,433	7,837	2,513	
	Linkage	Width		Capacity		Weight		Fill	Counterweight					
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		%	4.2 mt (9,260 lb)		5.4 mt (11,900 lb)		SLR
										HD Reach Boom				
		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")									
<b>With Cat Pin Grabber Coupler</b>														
General Duty	B	600	24	0.46	0.61	555	1,223	100	●	●	●	●		
	B	750	30	0.64	0.84	626	1,380	100	●	●	●	●		
	B	1200	48	1.19	1.56	812	1,789	100	⊙	⊖	●	●		
	B	1300	51	1.30	1.70	835	1,841	100	⊖	○	●	⊙		
	B	1400	55	1.43	1.87	879	1,937	100	○	○	⊙	⊖		
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	⊙	⊖	●	●		
	B	1200	48	1.19	1.56	917	2,022	100	⊖	○	●	⊙		
	B	1300	52	1.30	1.70	974	2,148	100	⊖	○	⊙	⊙		
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	⊙	●	●		
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	⊖	⊖	●	●		
Maximum load with coupler (payload + bucket)								kg	2855	2572	3526	3248		
								lb	6,293	5,671	7,773	7,160		

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/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>)
- ⊙ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

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

## Bucket Specifications and Compatibility – Eurasia

	Linkage	Width		Capacity		Weight		Fill %	Counterweight	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		5.4 mt (11,900 lb)	
									HD Reach Boom	SLR
									HD R2.9 (9'6")	SLR (6.28A/20'7")
<b>Pin-On (No Quick Coupler)</b>										
General Duty	B	600	24	0.46	0.61	555	1,223	100	●	
	B	750	30	0.64	0.84	626	1,380	100	●	
	B	1200	48	1.19	1.56	812	1,789	100	●	
	B	1300	51	1.30	1.70	835	1,841	100	●	
	B	1400	55	1.43	1.87	879	1,937	100	⊙	
General Duty	B	1050	42	1.00	1.31	737	1,624	100	●	
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	●	
	B	1200	48	1.19	1.56	917	2,022	100	●	
	B	1300	52	1.30	1.70	974	2,148	100	●	
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	●	
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	3555	1140
								lb	7,837	2,513
	Linkage	Width		Capacity		Weight		Fill %	Counterweight	
		mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg	lb		5.4 mt (11,900 lb)	
									HD Reach Boom	
									HD R2.9 (9'6")	
<b>With Cat Pin Grabber Coupler</b>										
General Duty	B	600	24	0.46	0.61	555	1,223	100	●	
	B	750	30	0.64	0.84	626	1,380	100	●	
	B	1200	48	1.19	1.56	812	1,789	100	●	
	B	1300	51	1.30	1.70	835	1,841	100	⊙	
	B	1400	55	1.43	1.87	879	1,937	100	○	
General Duty	B	1050	42	1.00	1.31	737	1,624	100	●	
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	●	
	B	1200	48	1.19	1.56	917	2,022	100	⊙	
	B	1300	52	1.30	1.70	974	2,148	100	⊙	
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	●	
Maximum load with pin-on (payload + bucket)								kg	3248	
								lb	7,160	

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/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>)
- ⊙ 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- ⊖ 1500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

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

No Match

### PIN-ON ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach HD		Reach HD	
Stick Length		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (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	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw	✓	✓		✓
	MP324 Demolition Jaw	✓*		✓	✓
	MP324 Pulverizer Jaw	✓*		✓	
	MP324 Shear Jaw	✓	✓*	✓	✓
	MP324 Tank Shear Jaw	✓*		✓	✓
MP324 Universal Jaw	✓*		✓	✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓
	G324	✓*		✓	✓
	G324 WH-1500	✓*		✓	✓
	G324 WH-1800			✓	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓
	P224 Secondary Pulverizer	✓*		✓	
	P318 Primary Pulverizer	✓	✓	✓	✓
	P324 Primary Pulverizer	✓*		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(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.

<input checked="" type="checkbox"/> 1800 kg/m <sup>3</sup> (3,000 lb/yd <sup>3</sup> )	<input type="checkbox"/> 1200 kg/m <sup>3</sup> (2,000 lb/yd <sup>3</sup> )	<input type="checkbox"/> 600 kg/m <sup>3</sup> (1,000 lb/yd <sup>3</sup> )	<input type="checkbox"/> No Match
----------------------------------------------------------------------------------------	-----------------------------------------------------------------------------	----------------------------------------------------------------------------	-----------------------------------

### PIN-ON ATTACHMENTS

Counterweight	Boom Type	Stick Length	4.2 mt (9,260 lb)		5.4 mt (11,900 lb)		
			Reach HD		Reach HD		
			HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")	
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				○		
	GSV420-400		●	●	●	●	
	GSV420-500		●	●	●	●	
	GSV420-600		●	●	●	●	
	GSV420-750		●	●	●	●	
	GSV420-1250		◇	◇	◇	◇	
	GSV425-600		●	●	●	●	
	GSV425-750		●	○	●	●	
	GSV425-950		○	○	●	●	
	GSV425-1150		○		○	○	
	GSV425-1550		◇	◇	◇	◇	
	GSV520-400		●	●	●	●	
	GSV520-500		●	●	●	●	
	GSV520-600		●	●	●	●	
	GSV520-750		●	●	●	●	
	GSV525-600		●	●	●	●	
	GSV525-750		○	○	●	●	
	GSV525-950		○		●	○	
	GSV525-1150				○	○	
	Clamshell Grapples	CTV15-1000		○	○	●	●
		CTV15-1200		○	○	●	○
		CTV15-1500				○	○
CTV15-1700					○		

*(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

No Match

### CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
		Reach HD		Reach HD	
Boom Type		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (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	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓	
	MP324 Demolition Jaw			✓	
MP324 Shear Jaw			✓		
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓*	✓	✓
	G324			✓	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓*		✓	
Pulverizers	P218 Secondary Pulverizer	✓	✓*	✓	✓
	P318 Primary Pulverizer	✓	✓*	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

*(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                       No Match

### CW-40s DEDICATED COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
		Reach HD		Reach HD	
Boom Type		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")
Hydraulic Hammers	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓	
	MP324 Demolition Jaw			✓	
	MP324 Pulverizer Jaw			✓	
	MP324 Shear Jaw	✓*		✓	
	MP324 Tank Shear Jaw			✓	
	MP324 Universal Jaw			✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓
	G324			✓	
	G324 WH-1500			✓	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓*	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓
	P318 Primary Pulverizer	✓	✓	✓	✓
	P324 Primary Pulverizer			✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

*(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

No Match

### CW-40 DEDICATED COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach HD		Reach HD	
Stick Length		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (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	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓	
	MP324 Demolition Jaw			✓	
	MP324 Pulverizer Jaw			✓	
	MP324 Shear Jaw	✓*		✓	
	MP324 Tank Shear Jaw			✓	
	MP324 Universal Jaw			✓	
	Demolition and Sorting Grapples	G317 GC	✓	✓	✓
G317 GC fixed CAN		✓	✓	✓	✓
G318		✓	✓	✓	✓
G318 fixed CAN		✓	✓	✓	✓
G318 WH-800		✓	✓	✓	✓
G318 WH-1100		✓	✓	✓	✓
G324				✓	
G324 WH-1500				✓	
Mobile Scrap and Demolition Shears		S3025 Flat Top	✓	✓*	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓
	P224 Secondary Pulverizer			✓	
	P318 Primary Pulverizer	✓	✓	✓	✓
	P324 Primary Pulverizer			✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

### BOOM-MOUNT ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach HD		Reach HD	
Mobile Scrap and Demolition Shears	S2050		✓		✓
	S3035 Flat Top		✓		✓

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>ENGINE</b>			<b>UNDERCARRIAGE AND STRUCTURES</b>		
Cat® C7.1 single turbo diesel engine	✓		600 mm (24") HD triple grouser track shoes	✓	
Three selectable power modes	✓		790 mm (31") HD triple grouser track shoes		✓
Automatic engine speed control	✓		Tie-down points on base frame	✓	
Automatic engine idle shutdown	✓		Segmented track guiding guards	✓	
Work up to 3000 m (9,840 ft) above sea level without engine power de-rating	✓		Full-length track guiding guards		✓
52° C (125° F) high-ambient cooling capacity	✓		HD bottom guard	✓	
Cold starting capability for -18° C (0° F)	✓		Swivel guard	✓	
Cold starting capability for -32° C (-25° F)		✓	HD travel motor guards	✓	
Double element air filter with integrated pre-cleaner	✓		Grease lubricated track links	✓	
Electric fuel priming pump	✓		5.4 mt (11,900 lb) counterweight	✓	
Reversible electric cooling fans	✓		4.2 mt (9,260 lb) counterweight		✓
<b>HYDRAULIC SYSTEM</b>			<b>BOOMS, STICKS AND LINKAGES</b>		
Boom and stick regeneration circuits	✓		5.7 m (18'8") HD Reach boom	✓	
Heavy lift configuration		✓	8.85 m (29'0") Super Long Reach boom <sup>(3)</sup>		✓
Electronic main control valve	✓		2.9 m (9'6") HD Reach stick	✓	
Auto Dig Boost <sup>(1)</sup>	✓		2.5 m (8'2") HD Reach stick <sup>(3)</sup>		✓
Auto heavy lift <sup>(2)</sup>	✓		6.28 m (20'7") Super Long Reach stick <sup>(3)</sup>		✓
Automatic warm up	✓		Bucket linkage, B1-type with lifting eye <sup>(3)</sup>	✓	
Automatic two-speed travel	✓		Bucket linkage, B1-type without lifting eye <sup>(4)</sup>	✓	
Boom and stick drift reduction valve	✓		Bucket linkage, B1-type with lifting eye for SLR <sup>(3)</sup>		✓
Element type main hydraulic filter	✓		Bucket linkage, B1-type without lifting eye for SLR <sup>(3)</sup>		✓
Slider joysticks	✓				
Tandem type electronic main pump	✓				
Hammer return filter circuit		✓			
Hydraulic efficiency monitoring		✓			
Combined flow/high pressure auxiliary circuit		✓			

<sup>(1)</sup>Not available for Super Long Reach.

<sup>(2)</sup>Not available for Super Long Reach; Not available in Kingdom of Saudi Arabia.

<sup>(3)</sup>Available in Africa and Middle East only.

<sup>(4)</sup>Standard in Eurasia; optional in Africa and Middle East.

(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>ELECTRICAL SYSTEM</b>			<b>SERVICE AND MAINTENANCE</b>		
1,000 CCA maintenance-free batteries (×2)	✓		Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓	
1,000 CCA maintenance-free batteries (×4)		✓	QuickEvac <sup>TM</sup> maintenance ready		✓
Centralized electrical disconnect switch	✓		Grouped location for engine oil and fuel filters	✓	
Programmable time-delay LED working lights	✓		Ground-level second dipstick for engine oil	✓	
LED chassis light, Left Hand (LH) and Right Hand (RH) boom lights for Reach, cab lights	✓		Radiator screen		✓
Premium surround lighting package		✓	Integrated vehicle health management system	✓	
<b>CAT TECHNOLOGY</b>			<b>SAFETY AND SECURITY</b>		
VisionLink <sup>®</sup>	✓*		Cat Command (remote control)		✓
VisionLink Productivity		✓	2D E-Fence:**	✓	
Remote Flash	✓		– E-ceiling		
Remote Troubleshoot	✓		– E-floor		
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓		– E-swing		
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓		– E-wall		
Cat Grade 2D**	✓		– E-cab avoidance		
Cat Grade 2D with Attachment Ready Option (ARO)		✓	Auto hammer stop	✓	
Cat Grade 3D single GNSS		✓	Rearview camera and side RH mirror	✓	
Cat Grade 3D dual GNSS		✓	Right-hand-sideview camera <sup>(5)</sup>		✓
Laser catcher		✓	360° visibility		✓
Cat Assist:**	✓		Neutral lever (lock out) for all controls	✓	
– Grade Assist			Anti-skid plate and countersunk bolts on service platform	✓	
– Boom Assist			Ground-level accessible secondary engine shutoff switch in cab	✓	
– Bucket Assist			Lockable disconnect switch <sup>(5)</sup>	✓	
– Swing Assist			RH handrail and hand hold	✓	
– Lift Assist			Swing alarm		✓
Cat Payload:**	✓		Travel alarm		✓
– Static weigh			Cab mirror for RH side track edge		✓
– Semiautomatic calibration			Inspection lighting		✓
– Payload/cycle information					
– USB reporting capability					
Work tool recognition (PL161)***	✓				
Work tool tracking (PL161)***	✓				
Cat Tilt Rotator (TRS) Integration		✓			
Operator Coaching		✓			

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

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

\*\*\*Requires PL161 attachment locator on work tool and Bluetooth<sup>®</sup> receiver on machine.

<sup>(5)</sup>Mandatory for Kingdom of Saudi Arabia.



## Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

### **CAB**

- Lower radial wiper
- Rain protector plus cab light cover
- Polycarbonate roof hatch (Comfort cab only)
- Sun visor, slider (Comfort cab only)
- 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
- 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

# 323 Cab Options

## Cab Options

	Comfort	Deluxe*
ROPS	●	●
High-resolution 203 mm (8") LCD touchscreen monitor	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	○	○
Auto bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
Height-adjustable console, infinite with no tool	X	●
Height-adjustable console, three steps with tool	●	X
Tilt-up left-side console	X	●
Fixed left-side console	●	X
Mechanical-suspension seat	●	X
Heated air-suspension seat	X	●
51 mm (2") seat belt	●	●
Monitor integrated Bluetooth radio with USB/Auxiliary ports	●	●
12V DC outlets	●	●
Document storage	●	●
Overhead storage and rear storage with nets	X	●
Beverage holder	●	●
Cup holder	●	●
Openable two-piece front window	●	●
Rear window emergency exit	●	●
Radial wiper with washer	●	●
Openable polycarbonate skylight hatch	X	●
Openable steel hatch	●	X
LED dome light	●	●
Roof sunscreen	X	●
Roller front sunscreen	●	●
Roller rear sunscreen	○	○
Washable floor mat	●	●
Beacon ready	●	●
Cat Stick Steer**	○	X

● Standard

○ Optional

X Not available

\* Afr-ME only

\*\* Eurasia only

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

- Cat C7.1 engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels\*\* up to:
  - ✓ 100% biodiesel FAME (fatty acid methyl ester)\*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

*\*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 CO<sub>2</sub> 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
  - Increase operating efficiency up to 45% with standard Cat technologies
  - Cut maintenance costs with extended service intervals
  - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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

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AEXQ2218-06 (09-2023)  
Replaces AEXQ2218-05  
Build Number: 07G  
(Afr-ME, Eurasia)

