



323

Hydraulic Excavator

Technical Specifications

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

Table of Contents

323 Hydraulic Excavator

Specifications	2	Working Ranges	7
Engine	2	Reach Boom Lift Capacities	
Air Conditioning System	2	Counterweight: 4.2 mt (9,300 lb)	9
Swing Mechanism	2	Counterweight: 5.4 mt (11,900 lb)	13
Weights	2	Variable Boom Lift Capacities	
Track	2	Counterweight: 5.4 mt (11,900 lb)	17
Drive	2	Super Long Reach Boom Lift Capacities	
Hydraulic System	2	Counterweight: 5.4 mt (11,900 lb)	25
Service Refill Capacities	2	Bucket Specifications and Compatibility	33
Sound Performance	2	Attachments Offering Guide	36
Standards	2	Standard and Optional Equipment	45
Operating Weights and Ground Pressures	3	Dealer Installed Kit and Attachments	47
Major Component Weights	4	Cab Options	48
Dimensions	5		

323 Narrow, High Drawbar Hydraulic Excavator Specialty Configurations

Key Features and Benefits	49	Major Component Weights	51
Specifications	50	Dimensions	52
Engine	50	Working Ranges	54
Swing Mechanism	50	Reach Boom Lift Capacities	
Weights	50	Counterweight: 4.55 mt (10,031 lb)	56
Track	50	Variable Angle Boom Lift Capacities	
Drive	50	Counterweight: 4.55 mt (10,031 lb)	58
Hydraulic System	50	Bucket Specifications and Compatibility	62
Service Refill Capacities	50	Attachments Offering Guide	65
Sound Performance	50	Standard and Optional Equipment	71
Standards	50	Dealer Installed Kit and Attachments	73
Operating Weights and Ground Pressures	51	Cab Options	74



323 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C7.1	
Net Power (ISO 9249)	128 kW	172 hp
Engine Power (ISO 14396)	129 kW	174 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³

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

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg of refrigerant, which has a CO₂ equivalent of 1.287 metric tonnes.

Swing Mechanism

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

Weights

Operating Weight	24 100 kg	53,100 lb
------------------	-----------	-----------

• 5.7 m (18'8") Reach boom, R2.9 (9'6") Reach stick, HD 1.38 m³ (1.81 yd³) bucket, and 600 mm (24 in) triple grouser track shoes.

Track

Standard Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
	790 mm	31 in
	900 mm	35 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 – Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure – Travel	35 000 kPa	5,076 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

323 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

	600 mm (24 in) HD Triple Grouser Shoes		700 mm (28 in) HD Triple Grouser Shoes		790 mm (31 in) HD Triple Grouser Shoes		900 mm (35 in) HD Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
5.4 mt (11,900 lb) Counterweight								
Reach Boom + R2.9 (9'6") Stick + 1.38 m ³ (1.81 yd ³) GD Bucket	24 100 kg (53,100 lb)	50.1 kPa (7.3 psi)	24 400 kg (53,800 lb)	43.5 kPa (6.3 psi)	24 800 kg (54,700 lb)	39.2 kPa (5.7 psi)	25 600 kg (56,400 lb)	35.5 kPa (5.1 psi)

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

323 Hydraulic Excavator Specifications

Major Component Weights

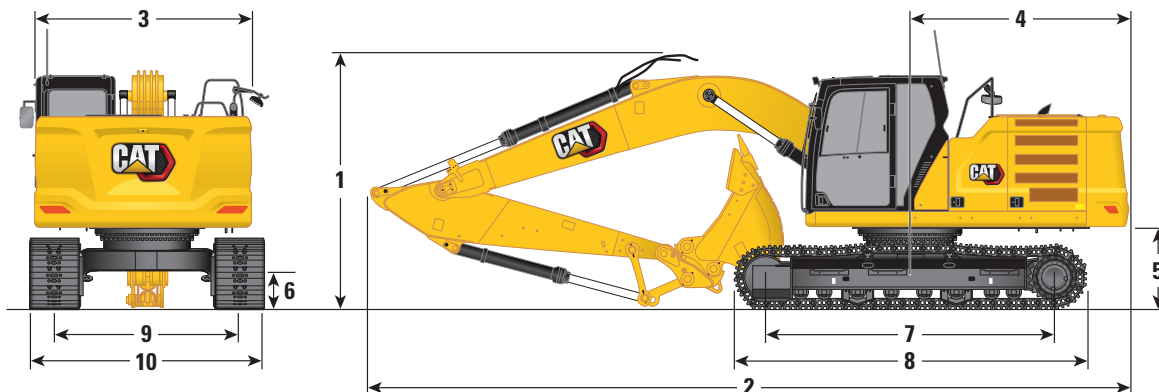
	kg	lb
Base Machine (with 5.4 mt [11,900 lb] counterweight, HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator)	16 700	36,800
Base Machine (with 4.2 mt [9,300 lb] counterweight, 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
Track Shoes:		
600 mm (24 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes	3080	6,800
700 mm (28 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes	3490	7,700
790 mm (31 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes with Step Extension for ISO 2867:2011	3800	8,400
900 mm (35 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes with Step Extension for ISO 2867:2011	4180	9,200
Boom Cylinders	340	750
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	310	680
Counterweights:		
4.2 mt (9,300 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:		
Standard Base Frame with HD Track Rollers and Standard Carrier Rollers	4420	9,700
HD Base Frame with SD Track Rollers and Standard Carrier Rollers	4470	9,900
Booms (including lines, pins, stick cylinder):		
Reach Boom (5.7 m/18'8")	1710	3,800
Variable Angle Boom (2.8 m/9'2" Stub + 3.3 m/10'10" Fore)	3050	6,700
Super Long Reach Boom (8.85 m/29'0")	2170	4,800
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick (R2.9B1/9'6")	990	2,200
Reach Stick (R2.5B1/8'2")	970	2,100
Super Long Reach Stick (6.28A/20'7")	1340	3,000
Buckets (without linkage):		
1.38 m ³ (1.81 yd ³) HD	1040	2,300
0.57 m ³ (0.75 yd ³) DC	390	900
0.53 m ³ (0.69 yd ³) GD	410	900

Refer to pages 33-35 for a complete list of bucket options.

323 Hydraulic Excavator Specifications

Dimensions

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

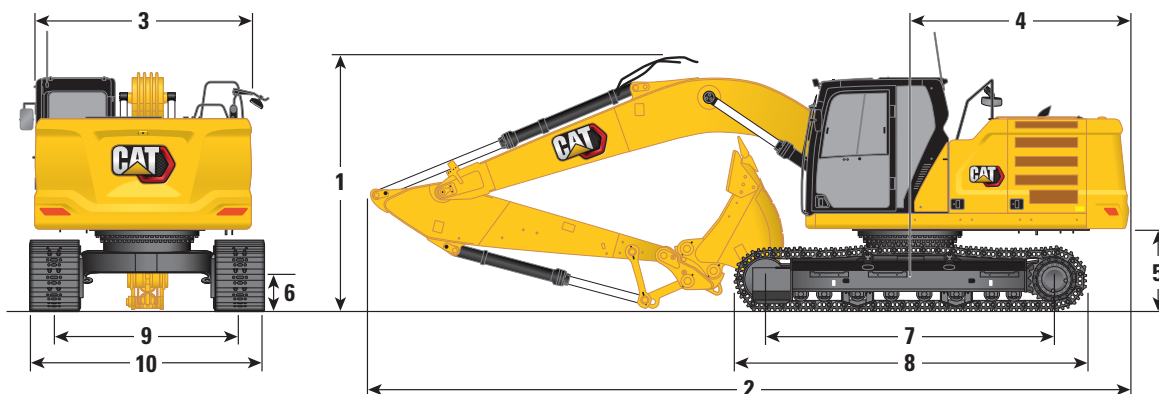


Boom Options	Reach Boom 5.7 m (18'8")				Variable Angle Boom 2.8 m (9'2") Stub/3.3 m (10'10") Fore			
Stick Options	Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")		Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")	
1 Machine Height:								
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"
Top of FOGS Height	3100 mm	10'2"	3100 mm	10'2"	3100 mm	10'2"	3100 mm	10'2"
Handrails Height	2950 mm	9'8"	2950 mm	9'8"	2950 mm	9'8"	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3160 mm	10'4"	3160 mm	10'4"	3000 mm	9'10"	2910 mm	9'6"
With Boom/Stick Installed	2910 mm	9'7"	2910 mm	9'7"	2790 mm	9'1"	2700 mm	8'10"
With Boom Installed	2480 mm	8'2"	2480 mm	8'2"	2310 mm	7'6"	2310 mm	7'6"
2 Machine Length:								
With Boom/Stick/Bucket Installed	9530 mm	31'3"	9530 mm	31'3"	9770 mm	32'0"	9800 mm	32'1"
With Boom/Stick Installed	9500 mm	31'2"	9500 mm	31'2"	9780 mm	32'1"	9780 mm	32'1"
With Boom Installed	8450 mm	27'9"	8450 mm	27'9"	8710 mm	28'6"	8710 mm	28'6"
3 Upperframe Width without Walkways	2780 mm	9'1"	2780 mm	9'1"	2780 mm	9'1"	2780 mm	9'1"
4 Tail Swing Radius	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"
5 Counterweight Clearance	1050 mm	3'5"	1050 mm	3'5"	1050 mm	3'5"	1050 mm	3'5"
6 Ground Clearance	470 mm	1'7"	470 mm	1'7"	470 mm	1'7"	470 mm	1'7"
7 Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"
8 Track Length	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"
9 Track Gauge	2380 mm	7'9"	2380 mm	7'9"	2380 mm	7'9"	2380 mm	7'9"
10 Undercarriage Width:								
600 mm (24 in) Shoes	2980 mm	9'9"	2980 mm	9'9"	2980 mm	9'9"	2980 mm	9'9"
700 mm (28 in) Shoes	3080 mm	10'1"	3080 mm	10'1"	3080 mm	10'1"	3080 mm	10'1"
790 mm (31 in) Shoes	3170 mm	10'4"	3170 mm	10'4"	3170 mm	10'4"	3170 mm	10'4"
900 mm (35 in) Shoes	3280 mm	10'9"	3280 mm	10'9"	3280 mm	10'9"	3280 mm	10'9"
Bucket Type	GD		GD		GD		GD	
Bucket Capacity	1.30 m ³	1.70 yd ³	1.30 m ³	1.70 yd ³	1.30 m ³	1.70 yd ³	1.30 m ³	1.70 yd ³
Bucket Tip Radius	1580 mm	5'2"	1580 mm	5'2"	1580 mm	5'2"	1580 mm	5'2"

323 Hydraulic Excavator Specifications

Dimensions

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



Boom Option

SLR Boom
8.85 m (29'0")

Stick Options

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

1 Machine Height:

Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"
Top of FOGS Height	3100 mm	10'2"	3100 mm	10'2"
Handrails Height	2950 mm	9'8"	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3190 mm	10'6"	3190 mm	10'6"
With Boom/Stick Installed	3070 mm	10'1"	3070 mm	10'1"
With Boom Installed	2650 mm	8'8"	2650 mm	8'8"

2 Machine Length:

With Boom/Stick/Bucket Installed	12 750 mm	41'9"	12 750 mm	41'9"
With Boom/Stick Installed	12 760 mm	41'9"	12 760 mm	41'9"
With Boom Installed	8920 mm	29'3"	8920 mm	29'3"

3 Upperframe Width without Walkways

2780 mm	9'1"	2780 mm	9'1"
---------	------	---------	------

4 Tail Swing Radius

2830 mm	9'3"	2830 mm	9'3"
---------	------	---------	------

5 Counterweight Clearance

1050 mm	3'5"	1050 mm	3'5"
---------	------	---------	------

6 Ground Clearance

470 mm	1'7"	470 mm	1'7"
--------	------	--------	------

7 Length to Center of Rollers

3650 mm	12'0"	3650 mm	12'0"
---------	-------	---------	-------

8 Track Length

4450 mm	14'7"	4450 mm	14'7"
---------	-------	---------	-------

9 Track Gauge

2380 mm	7'9"	2380 mm	7'9"
---------	------	---------	------

10 Undercarriage Width:

600 mm (24 in) Shoes	2980 mm	9'9"	2980 mm	9'9"
700 mm (28 in) Shoes	3080 mm	10'1"	3080 mm	10'1"
790 mm (31 in) Shoes	3170 mm	10'4"	3170 mm	10'4"
900 mm (35 in) Shoes	3280 mm	10'9"	3280 mm	10'9"

Bucket Type

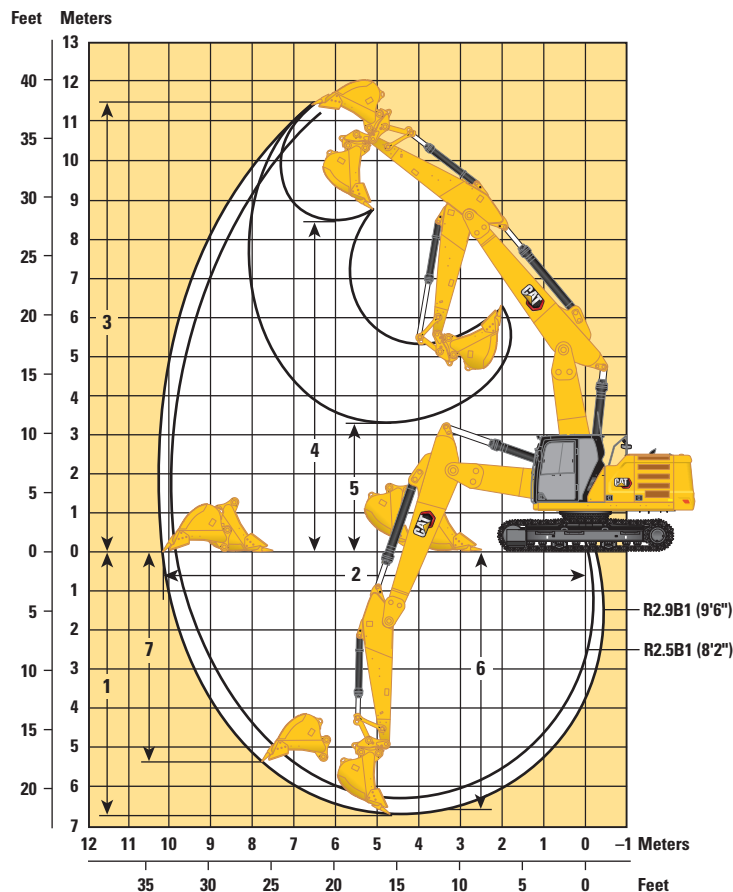
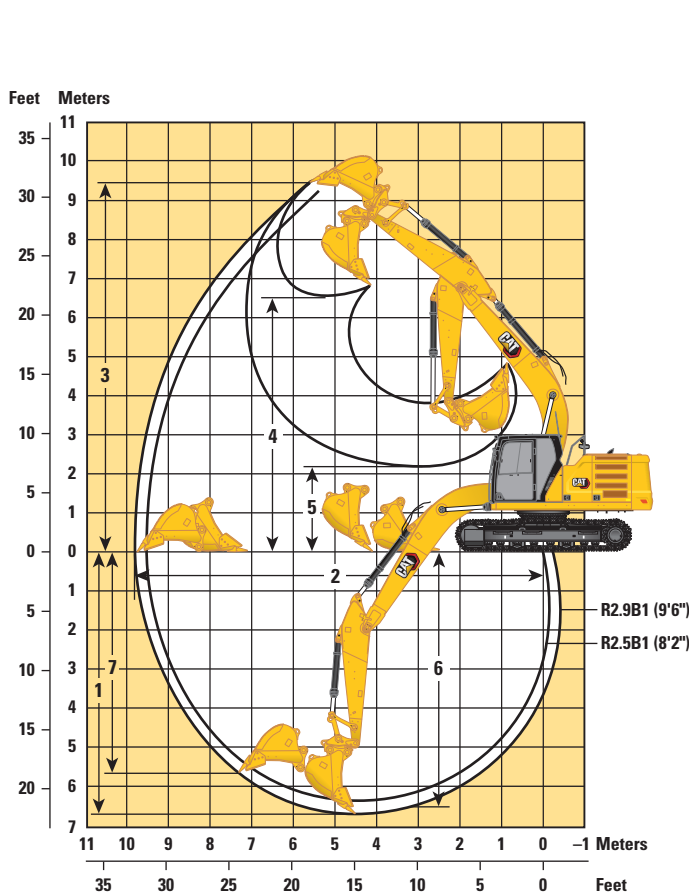
DC **GD**

Bucket Capacity	0.57 m ³	0.75 yd ³	0.53 m ³	0.69 yd ³
Bucket Tip Radius	1070 mm	3'6"	1230 mm	4'0"

323 Hydraulic Excavator Specifications

Working Ranges

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



Boom Options

Reach Boom
5.7 m (18'8")

Variable Angle Boom
2.8 m (9'2") Stub/3.3 m (10'10") Fore

Stick Options

Reach Sticks

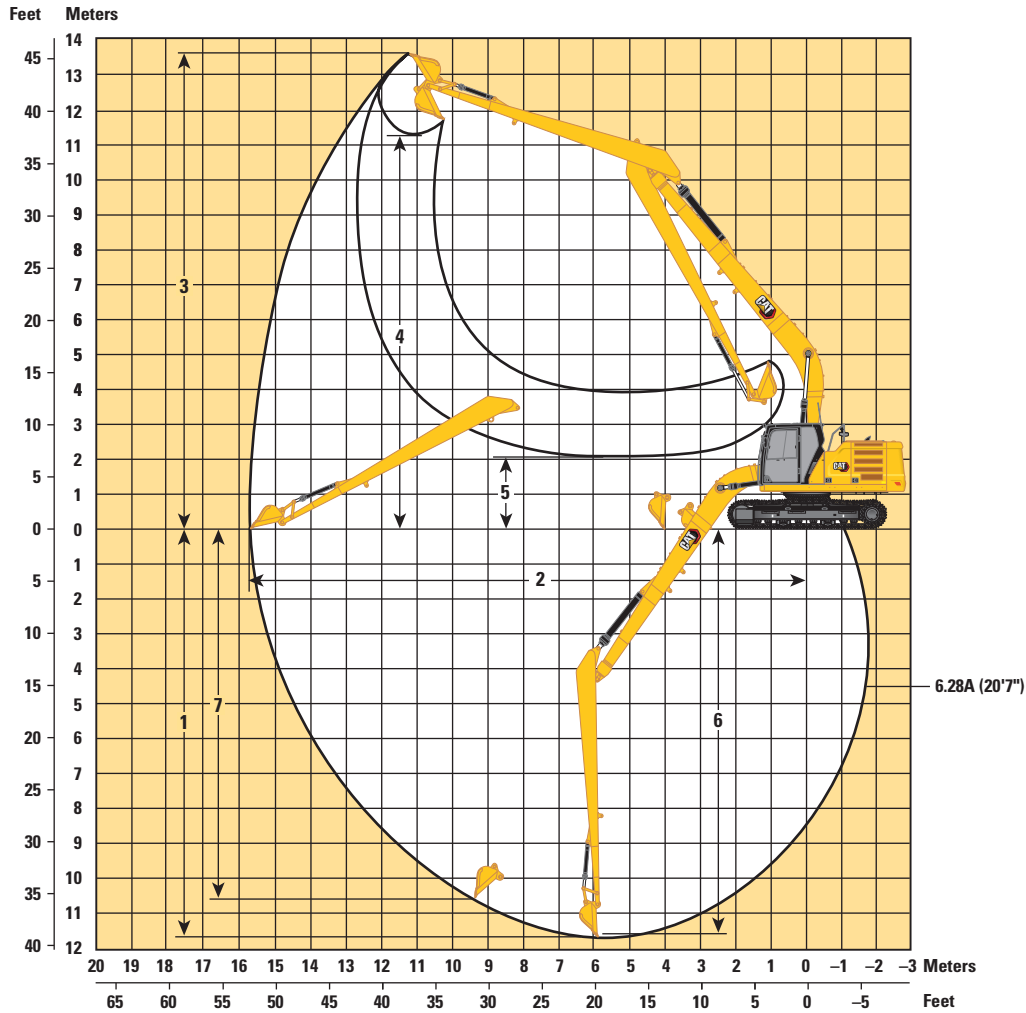
Reach Sticks

	R2.9B1 (9'6")		R2.5B1 (8'2")		R2.9B1 (9'6")		R2.5B1 (8'2")	
	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in
1 Maximum Digging Depth	6730	22'0"	6310	20'8"	6700	21'11"	6290	20'7"
2 Maximum Reach at Ground Line	9870	32'4"	9470	31'0"	10 220	33'6"	9820	32'2"
3 Maximum Cutting Height	9450	31'1"	9250	30'4"	11 540	37'10"	11 200	36'8"
4 Maximum Loading Height	6480	21'3"	6280	20'7"	8380	27'5"	8040	26'4"
5 Minimum Loading Height	2160	7'1"	2580	8'5"	3250	10'7"	3650	11'11"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6560	21'6"	6120	20'0"	6610	21'8"	6190	20'3"
7 Maximum Vertical Wall Digging Depth	5740	18'10"	5340	17'6"	5380	17'7"	4980	16'4"
Bucket Digging Force (ISO)	140 kN	34,308 lbf	140 kN	34,308 lbf	140 kN	34,308 lbf	140 kN	34,308 lbf
Stick Digging Force (ISO)	107 kN	26,094 lbf	118 kN	28,912 lbf	107 kN	26,094 lbf	118 kN	28,912 lbf
Bucket Type	GD		GD		GD		GD	
Bucket Capacity	1.30 m ³	1.70 yd ³	1.30 m ³	1.70 yd ³	1.30 m ³	1.70 yd ³	1.30 m ³	1.70 yd ³
Bucket Tip Radius	1580 mm	5'2"	1580 mm	5'2"	1580 mm	5'2"	1580 mm	5'2"

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")

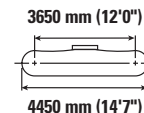
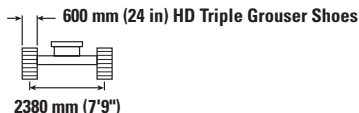
Stick Options

SLR Stick
6.28A (20'7")

1 Maximum Digging Depth	11 540 mm	37'10"
2 Maximum Reach at Ground Line	15 570 mm	51'1"
3 Maximum Cutting Height	13 540 mm	44'5"
4 Maximum Loading Height	11 440 mm	37'6"
5 Minimum Loading Height	2240 mm	7'4"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	11 440 mm	37'6"
7 Maximum Vertical Wall Digging Depth	11 020 mm	36'1"
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 ³	0.75 yd ³
Bucket Tip Radius	1070 mm	3'6"

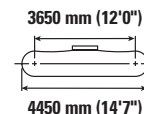
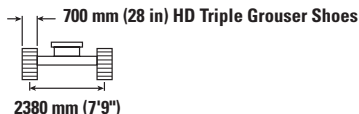
323 Hydraulic Excavator Specifications

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



Reach Boom	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm		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		
7500 mm 300 in							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240	
6000 mm 240 in							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290	
4500 mm 180 in							*6000 *13,000	5450 11,700	*5650 *12,350	3850 8,250	*3900 *8,600	3500 7,700	7990 320	
3000 mm 120 in					*8700 *18,750	7900 17,000	*6850 *14,900	5200 11,200	5750 12,400	3750 8,050	*4000 *8,800	3200 7,000	8360 330	
1500 mm 60 in					*10 550 *22,800	7400 15,950	*7800 *16,900	4950 10,700	5650 12,150	3650 7,850	*4250 *9,350	3100 6,750	8450 340	
0 mm 0 in			*6600 *15,200	*6600 *15,200	*11 600 *25,050	7100 15,300	7650 16,500	4800 10,350	5550 11,950	3550 7,650	*4700 *10,350	3150 6,900	8260 330	
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	7050 15,150	7600 16,300	4750 10,150	5500 11,900	3550 7,600	5250 11,600	3400 7,450	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	13 700 29,300	*10 950 *23,700	7100 15,300	7650 16,400	4750 10,250			6200 13,750	3950 8,750	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	7300 15,750					*6750 *14,850	5450 12,200	5600 220

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



Reach Boom	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm		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		
7500 mm 300 in							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240	
6000 mm 240 in							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290	
4500 mm 180 in							*6000 *13,000	5500 11,900	*5650 *12,350	3900 8,400	*3900 *8,600	3550 7,800	7990 320	
3000 mm 120 in					*8700 *18,750	8000 17,300	*6850 *14,900	5300 11,400	5850 12,600	3800 8,200	*4000 *8,800	3250 7,150	8360 330	
1500 mm 60 in					*10 550 *22,800	7500 16,200	*7800 *16,900	5050 10,850	5750 12,350	3700 7,950	*4250 *9,350	3150 6,900	8450 340	
0 mm 0 in			*6600 *15,200	*6600 *15,200	*11 600 *25,050	7250 15,600	7800 16,800	4900 10,500	5650 12,150	3600 7,800	*4700 *10,350	3200 7,000	8260 330	
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	7150 15,400	7700 16,600	4800 10,350	5600 12,100	3600 7,750	5350 11,800	3450 7,550	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	13 900 29,800	*10 950 *23,700	7250 15,550	7750 16,700	4850 10,450			6300 14,000	4050 8,900	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	7450 16,050					*6750 *14,850	5500 12,400	5600 220



ISO 10567



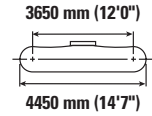
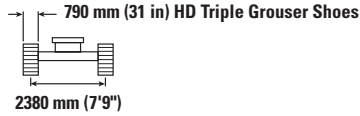
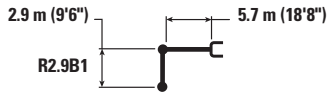
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

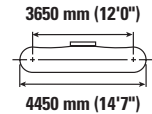
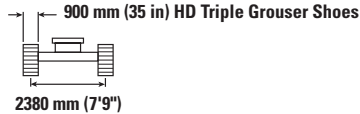
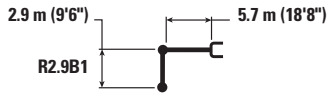
323 Hydraulic Excavator Specifications

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*6000 *13,000	5600 12,000	*5650 *12,350	3950 8,500	*3900 *8,600	3600 7,900	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	8100 17,500	*6850 *14,900	5350 11,500	5950 12,750	3850 8,300	*4000 *8,800	3300 7,250	8360 330
1500 mm 60 in	kg lb					*10 550 *22,800	7600 16,400	*7800 *16,900	5100 11,000	5800 12,500	3750 8,050	*4250 *9,350	3200 6,950	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 600 *25,050	7350 15,800	7900 17,000	4950 10,650	5700 12,300	3650 7,900	*4700 *10,350	3250 7,100	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	7250 15,600	7800 16,800	4850 10,500	5700 12,250	3650 7,850	5450 11,950	3500 7,650	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	14 100 30,150	*10 950 *23,700	7300 15,750	7850 16,900	4900 10,550			6400 14,200	4100 9,050	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	7550 16,250					*6750 *14,850	5600 12,600	5600 220

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*6000 *13,000	5650 12,150	*5650 *12,350	4000 8,650	*3900 *8,600	3650 8,050	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	8200 17,700	*6850 *14,900	5400 11,700	*6000 12,950	3950 8,450	*4000 *8,800	3350 7,350	8360 330
1500 mm 60 in	kg lb					*10 550 *22,800	7700 16,650	*7800 *16,900	5200 11,150	5900 12,700	3800 8,200	*4250 *9,350	3250 7,100	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 600 *25,050	7450 16,000	8050 17,250	5000 10,800	5800 12,500	3750 8,000	*4700 *10,350	3300 7,200	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	7350 15,850	7950 17,100	4950 10,650	5800 12,450	3700 7,950	*5500 *12,150	3550 7,800	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	14 300 30,600	*10 950 *23,700	7450 16,000	8000 17,200	5000 10,750			6500 14,400	4150 9,150	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	7650 16,450					*6750 *14,850	5650 12,750	5600 220



ISO 10567



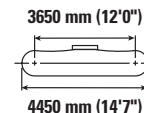
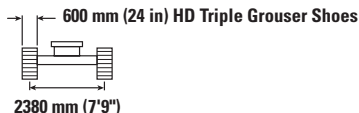
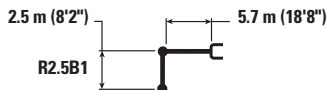
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

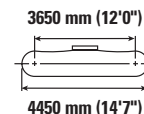
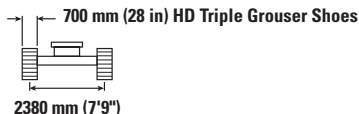
323 Hydraulic Excavator Specifications

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



Reach Boom Lift Capacity	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		3650 mm (12'0") 4450 mm (14'7")		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 300 in									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,900	5500 11,800			*4750 *10,500	4450 9,950	6830 270
4500 mm 180 in			*7400 *15,950	*7400 *15,950	*6350 *13,850	5350 11,550	*5250	3800	*4650 *10,250	3750 8,250	7570 300
3000 mm 120 in			*9300 *20,000	7750 16,700	*7200 *15,600	5150 11,050	5750 12,300	3700 8,000	*4750 *10,450	3400 7,500	7960 320
1500 mm 60 in			*11 000 *23,700	7300 15,700	7800 16,800	4900 10,600	5600 12,100	3600 7,800	5050 11,150	3300 7,200	8050 320
0 mm 0 in			*11 700 *25,350	7100 15,250	7650 16,450	4800 10,300	5550 11,950	3550 7,650	5200 11,450	3350 7,350	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	7050 15,150	7600 16,350	4750 10,200		5700 12,600	3650 8,050	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	13 800 29,550	*10 550 *22,800	7150 15,400	7700 16,550	4800 10,350		6900 15,350	4400 9,700	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	7450 16,050				*6850 *15,000	6450 14,650	4980 200

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



Reach Boom Lift Capacity	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		3650 mm (12'0") 4450 mm (14'7")		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 300 in									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,900	5600 12,000			*4750 *10,500	4550 10,100	6830 270
4500 mm 180 in			*7400 *15,950	*7400 *15,950	*6350 *13,850	5450 11,700	*5250	3850	*4650 *10,250	3800 8,400	7570 300
3000 mm 120 in			*9300 *20,000	7850 16,950	*7200 *15,600	5200 11,250	5850 12,500	3800 8,100	*4750 *10,450	3450 7,600	7960 320
1500 mm 60 in			*11 000 *23,700	7400 16,000	7950 17,100	5000 10,800	5700 12,300	3700 7,900	*5100 *11,150	3350 7,350	8050 320
0 mm 0 in			*11 700 *25,350	7200 15,500	7800 16,750	4850 10,450	5650 12,150	3600 7,800	5300 11,650	3400 7,500	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	7200 15,450	7750 16,600	4800 10,350		5800 12,800	3700 8,200	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	14 050 30,050	*10 550 *22,800	7300 15,650	*7800 *16,700	4900 10,550		*7000 *15,400	4450 9,900	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	7550 16,300				*6850 *15,000	6550 14,900	4980 200



ISO 10567



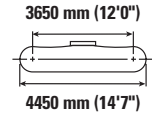
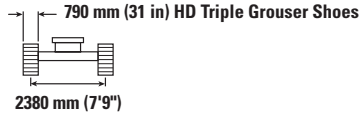
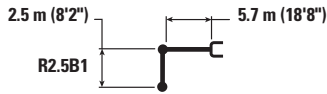
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

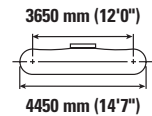
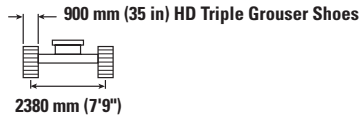
323 Hydraulic Excavator Specifications

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



Reach mm in	kg lb	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	5650 12,150			*4750 *10,500	4600 10,250	6830 270
4500 mm 180 in	kg lb			*7400 *15,950	*7400 *15,950	*6350 *13,850	5500 11,850	*5250	3900	*4650 *10,250	3850 8,500	7570 300
3000 mm 120 in	kg lb			*9300 *20,000	7950 17,150	*7200 *15,600	5300 11,400	5900 12,700	3850 8,250	*4750 *10,450	3500 7,700	7960 320
1500 mm 60 in	kg lb			*11 000 *23,700	7500 16,200	*8050 *17,300	5050 10,900	5800 12,450	3750 8,050	*5100 *11,150	3400 7,450	8050 320
0 mm 0 in	kg lb			*11 700 *25,350	7300 15,700	7900 16,950	4900 10,600	5700 12,300	3650 7,900	5350 11,800	3450 7,600	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	7250 15,650	7850 16,850	4900 10,500			5900 12,950	3750 8,300	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	14 200 30,450	*10 550 *22,800	7350 15,850	*7800 *16,700	4950 10,700			*7000 *15,400	4500 10,000	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	7650 16,500					*6850 *15,000	6650 *15,000	4980 200

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



Reach mm in	kg lb	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	5750 12,300			*4750 *10,500	4650 10,350	6830 270
4500 mm 180 in	kg lb			*7400 *15,950	*7400 *15,950	*6350 *13,850	5600 12,000	*5250	3950	*4650 *10,250	3900 8,650	7570 300
3000 mm 120 in	kg lb			*9300 *20,000	8050 17,400	*7200 *15,600	5350 11,550	6000 12,850	3900 8,350	*4750 *10,450	3550 7,850	7960 320
1500 mm 60 in	kg lb			*11 000 *23,700	7600 16,400	*8050 *17,400	5150 11,050	5900 12,650	3800 8,150	*5100 *11,150	3450 7,550	8050 320
0 mm 0 in	kg lb			*11 700 *25,350	7400 15,950	8000 17,200	5000 10,750	5800 12,500	3700 8,000	5450 12,000	3500 7,700	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	7400 15,850	7950 17,100	4950 10,650			6000 13,200	3800 8,400	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	14 400 30,850	*10 550 *22,800	7500 16,100	*7800 *16,700	5050 10,850			*7000 *15,400	4600 10,150	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	7750 *16,550					*6850 *15,000	6750 *15,000	4980 200



ISO 10567



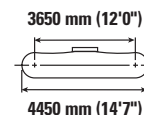
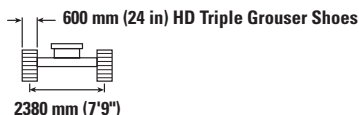
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

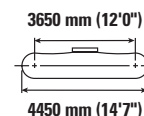
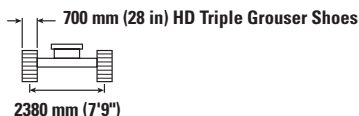
323 Hydraulic Excavator Specifications

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*6000 *13,000	*6000 *13,000	*5650 *12,350	4500 9,650	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	*6850 *14,900	6050 13,000	*6000 *13,100	4400 9,450	*4000 *8,800	3750 8,250	8360 330
1500 mm 60 in	kg lb					*10 550 *22,800	8600 18,550	*7800 *16,900	5800 12,500	6450 13,900	4250 9,200	*4250 *9,350	3650 7,950	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 600 *25,050	8350 17,950	*8450 *18,350	5650 12,100	6350 13,700	4200 9,000	*4700 *10,350	3700 8,100	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	8250 17,750	*8650 *18,700	5550 11,950	6350 13,650	4150 8,950	*5500 *12,150	4000 8,750	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	*15 500 *33,600	*10 950 *23,700	8300 17,900	*8150 *17,550	5600 12,050			*6700 *14,750	4650 10,300	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	8550 18,400					*6750 *14,850	6350 14,250	5600 220

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*6000 *13,000	*6000 *13,000	*5650 *12,350	4550 9,750	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	*6850 *14,900	6100 13,150	*6000 *13,100	4450 9,550	*4000 *8,800	3800 8,350	8360 330
1500 mm 60 in	kg lb					*10 550 *22,800	8750 18,800	*7800 *16,900	5900 12,650	*6450 *14,050	4350 9,350	*4250 *9,350	3700 8,100	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 600 *25,050	8450 18,200	*8450 *18,350	5700 12,300	6450 13,900	4250 9,150	*4700 *10,350	3750 8,250	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	8400 18,050	*8650 *18,750	5650 12,150	6450 13,850	4250 9,100	*5500 *12,150	4050 8,900	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	*15 500 *33,600	*10 950 *23,700	8450 18,150	*8150 *17,550	5650 12,250			*6700 *14,750	4700 10,450	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	8650 18,650					*6750 *14,850	6450 14,450	5600 220



ISO 10567



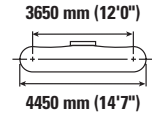
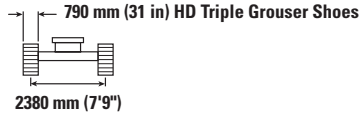
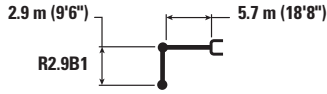
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

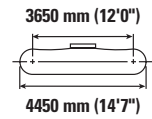
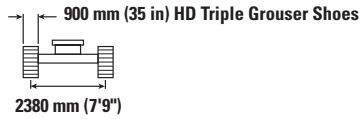
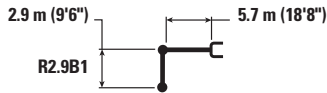
323 Hydraulic Excavator Specifications

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*6000 *13,000	*6000 *13,000	*5650 *12,350	4600 9,850	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	*6850 *14,900	6200 13,300	*6000 *13,100	4500 9,650	*4000 *8,800	3850 8,450	8360 330
1500 mm 60 in	kg lb					*10 550 *22,800	8800 19,000	*7800 *16,900	5950 12,800	*6450 *14,050	4400 9,450	*4250 *9,350	3700 8,200	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 600 *25,050	8550 18,400	*8450 *18,350	5750 12,450	6550 14,050	4300 9,250	*4700 *10,350	3800 8,350	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	8450 18,200	*8650 *18,750	5700 12,300	6500 14,000	4250 9,200	*5500 *12,150	4100 9,000	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	*15 500 *33,600	*10 950 *23,700	8550 18,350	*8150 *17,550	5750 12,350			*6700 *14,750	4750 10,550	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	8750 18,850					*6750 *14,850	6500 14,600	5600 220

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
7500 mm 300 in	kg lb							*4950	*4950			*4300 *9,550	*4300 *9,550	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	*5450 *11,950			*4000 *8,800	*4000 *8,800	7290 290
4500 mm 180 in	kg lb							*6000 *13,000	*6000 *13,000	*5650 *12,350	4650 10,000	*3900 *8,600	*3900 *8,600	7990 320
3000 mm 120 in	kg lb					*8700 *18,750	*8700 *18,750	*6850 *14,900	6250 13,450	*6000 *13,100	4550 9,800	*4000 *8,800	3900 8,550	8360 330
1500 mm 60 in	kg lb					*10 550 *22,800	8950 19,250	*7800 *16,900	6000 12,950	*6450 *14,050	4450 9,550	*4250 *9,350	3750 8,300	8450 340
0 mm 0 in	kg lb			*6600 *15,200	*6600 *15,200	*11 600 *25,050	8650 18,650	*8450 *18,350	5850 12,600	6600 14,250	4350 9,400	*4700 *10,350	3850 8,450	8260 330
-1500 mm -60 in	kg lb	*7100 *15,800	*7100 *15,800	*11 400 *25,900	*11 400 *25,900	*11 700 *25,350	8600 18,450	*8650 *18,750	5800 12,450	6600 14,200	4350 9,350	*5500 *12,150	4150 9,100	7780 310
-3000 mm -120 in	kg lb	*12 100 *27,150	*12 100 *27,150	*15 500 *33,600	*15 500 *33,600	*10 950 *23,700	8650 18,600	*8150 *17,550	5800 12,550			*6700 *14,750	4850 10,700	6950 280
-4500 mm -180 in	kg lb			*12 400 *26,550	*12 400 *26,550	*8950 *19,000	8850 19,000					*6750 *14,850	6600 14,800	5600 220



ISO 10567



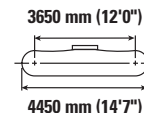
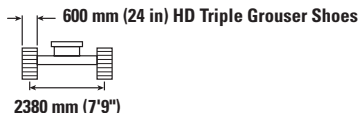
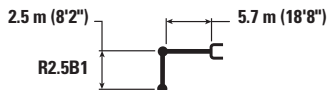
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

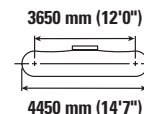
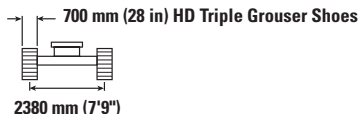
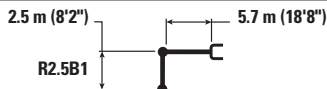
323 Hydraulic Excavator Specifications

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



Reach Boom Lift Capacity Diagram	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		Reach Boom Lift Capacity Diagram		mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
7500 mm 300 in										*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,900	*5900 *12,900				*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in			*7400 *15,950	*7400 *15,950	*6350 *13,850	6200 13,350	*5250	4450		*4650 *10,250	4350 9,650	7570 300
3000 mm 120 in			*9300 *20,000	8950 19,350	*7200 *15,600	5950 12,850	*6250 *13,650	4350 9,350		*4750 *10,450	4000 8,800	7960 320
1500 mm 60 in			*11 000 *23,700	8500 18,350	*8050 *17,400	5750 12,400	6450 13,800	4250 9,150		*5100 *11,150	3850 8,500	8050 320
0 mm 0 in			*11 700 *25,350	8300 17,850	*8600 *18,600	5600 12,100	6350 13,700	4200 9,000		*5700 *12,500	3950 8,650	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	8250 17,800	*8600 *18,650	5550 12,000			6550 14,400	4300 9,450	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	*14 550 *31,500	*10 550 *22,800	8350 18,000	*7800 *16,700	5650 12,150			*7000 *15,400	5150 11,400	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	*7900 *16,550					*6850 *15,000	*6850 *15,000	4980 200

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



Reach Boom Lift Capacity Diagram	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		Reach Boom Lift Capacity Diagram		mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
7500 mm 300 in										*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,900	*5900 *12,900				*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in			*7400 *15,950	*7400 *15,950	*6350 *13,850	6250 13,500	*5250	4500		*4650 *10,250	4400 9,800	7570 300
3000 mm 120 in			*9300 *20,000	9050 19,550	*7200 *15,600	6050 13,000	*6250 *13,650	4400 9,450		*4750 *10,450	4050 8,900	7960 320
1500 mm 60 in			*11 000 *23,700	8600 18,550	*8050 *17,400	5800 12,550	6500 14,000	4300 9,250		*5100 *11,150	3900 8,600	8050 320
0 mm 0 in			*11 700 *25,350	8400 18,100	*8600 *18,600	5700 12,250	6450 13,850	4250 9,150		*5700 *12,500	4000 8,800	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	8400 18,000	*8600 *18,650	5650 12,150			6650 14,600	4350 9,600	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	*14 550 *31,500	*10 550 *22,800	8500 18,250	*7800 *16,700	5700 12,300			*7000 *15,400	5200 11,550	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	*7900 *16,550					*6850 *15,000	*6850 *15,000	4980 200



ISO 10567



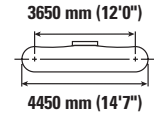
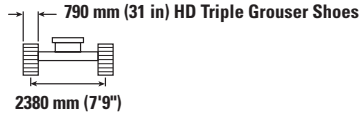
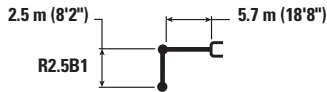
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

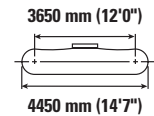
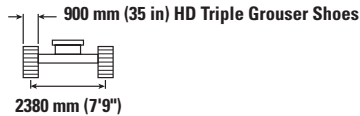
323 Hydraulic Excavator Specifications

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



Reach Boom Lift Capacity	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		3650 mm (12'0") 4450 mm (14'7")		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 300 in									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,900	*5900 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in			*7400 *15,950	*7400 *15,950	*6350 *13,850	6350 13,600	*5250 4550		*4650 *10,250	4450 9,900	7570 300
3000 mm 120 in			*9300 *20,000	9150 19,750	*7200 *15,600	6100 13,150	*6250 *13,650	4450 9,550	*4750 *10,450	4100 9,000	7960 320
1500 mm 60 in			*11 000 *23,700	8700 18,750	*8050 *17,400	5900 12,700	6600 14,200	4350 9,350	*5100 *11,150	3950 8,700	8050 320
0 mm 0 in			*11 700 *25,350	8500 18,300	*8600 *18,600	5750 12,350	6500 14,050	4300 9,250	*5700 *12,500	4050 8,900	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	8450 18,200	*8600 *18,650	5700 12,300		6700 14,800	4400 9,700	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	*14 550 *31,500	*10 550 *22,800	8550 18,450	*7800 *16,700	5750 12,450		*7000 *15,400	5250 11,700	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	*7900 *16,550				*6850 *15,000	*6850 *15,000	4980 200

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



Reach Boom Lift Capacity	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		3650 mm (12'0") 4450 mm (14'7")		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
7500 mm 300 in									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,900	*5900 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in			*7400 *15,950	*7400 *15,950	*6350 *13,850	6350 13,800	*5250 4600		*4650 *10,250	4500 10,000	7570 300
3000 mm 120 in			*9300 *20,000	9250 20,000	*7200 *15,600	6200 13,300	*6250 *13,650	4500 9,700	*4750 *10,450	4150 9,100	7960 320
1500 mm 60 in			*11 000 *23,700	8800 19,000	*8050 *17,400	5950 12,850	6650 14,350	4400 9,500	*5100 *11,150	4000 8,800	8050 320
0 mm 0 in			*11 700 *25,350	8600 18,550	*8600 *18,600	5800 12,550	6600 14,200	4350 9,350	*5700 *12,500	4100 9,000	7860 310
-1500 mm -60 in	kg lb	*12 000 *27,300	*12 000 *27,300	*11 600 *25,100	8600 18,450	*8600 *18,650	5800 12,450		*6800 *14,950	4450 9,850	7350 290
-3000 mm -120 in	kg lb	*14 550 *31,500	*14 550 *31,500	*10 550 *22,800	8700 18,700	*7800 *16,700	5850 12,600		*7000 *15,400	5350 11,850	6470 260
-4500 mm -180 in	kg lb			*7900 *16,550	*7900 *16,550				*6850 *15,000	*6850 *15,000	4980 200



ISO 10567



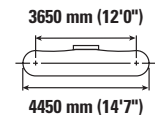
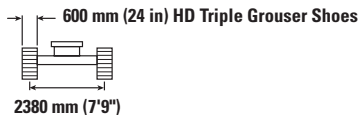
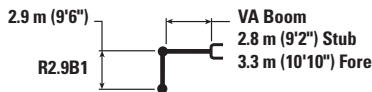
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm		mm in
9000 mm 360 in	kg lb					*5100 *11,700	*5100 *11,700					*5200 *11,700	*5200 *11,700	4880 190
7500 mm 300 in	kg lb					*7100 *15,500	*7100 *15,500	*4300 *9,450	*4300 *9,450			*4350 *9,600	*4350 *9,600	6620 260
6000 mm 240 in	kg lb					*7300 *15,950	*7300 *15,950	*5250 *8,900	*5250 *8,900	*4050 *9,000	*4050 *9,000	*4000 *8,850	*4000 *8,850	7690 300
4500 mm 180 in	kg lb			*11 500 *25,000	*11 500 *25,000	*7300 *15,750	*7300 *15,750	*5150 *10,900	*5150 *10,900	*4000 *8,800	*4000 *8,800	*3900 *8,600	3650 8,000	8350 330
3000 mm 120 in	kg lb	*19,000	*19,000	*11 000 *23,700	*11 000 *23,700	*7050 *15,300	*7050 *15,300	*4250 *9,250	*4250 *9,250	*4350 *9,300	4200 9,050	*3950 *8,700	3350 7,350	8710 350
1500 mm 60 in	kg lb			*6100 *13,850	*6100 *13,850	*6200 *13,400	*6200 *13,400	*4800 *10,450	*4800 *10,450	*4850 *10,200	4050 8,700	*4150 *9,100	3200 7,050	8790 350
0 mm 0 in	kg lb	*6900 *14,950	*6900 *14,950	*5600 *12,250	*5600 *12,250	*8200 *17,600	7800 16,800	*5700 *12,400	5300 11,350	*5500 *11,850	3950 8,450	*4500 *9,900	3250 7,200	8610 340
-1500 mm -60 in	kg lb	*8750 *19,450	*8750 *19,450	*9000 *20,450	*9000 *20,450	*9300 *20,200	7750 16,650	*7250 *15,600	5200 11,200	*5400 *11,550	3900 8,400	*4450 *9,700	3500 7,750	8160 320
-3000 mm -120 in	kg lb	*14 000 *31,350	*14 000 *31,350	*9950 *21,600	*9950 *21,600	*7000 *15,050	*7000 *15,050	*5500 *11,750	5250 11,300			*3700 *8,200	*3700 *8,200	7340 290
-4500 mm -180 in	kg lb	*22 050 *49,300	*22 050 *49,300	*10 250 *22,150	*10 250 *22,150	*6500 *14,150	*6500 *14,150					*5450 *12,300	*5450 *12,300	5350 210



ISO 10567



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

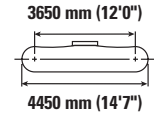
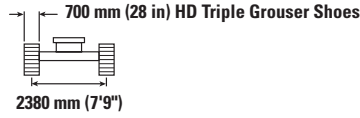
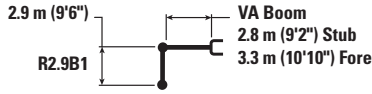
VA cylinder is flexible.

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

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm		
		kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	in
9000 mm 360 in	kg lb					*5100 *11,700	*5100 *11,700					*5200 *11,700	*5200 *11,700	4880 190
7500 mm 300 in	kg lb					*7100 *15,500	*7100 *15,500	*4300 *9,450	*4300 *9,450			*4350 *9,600	*4350 *9,600	6620 260
6000 mm 240 in	kg lb					*7300 *15,950	*7300 *15,950	*5250 *8,900	*5250 *8,900	*4050 *9,000	*4050 *9,000	*4000 *8,850	*4000 *8,850	7690 300
4500 mm 180 in	kg lb			*11 500 *25,000	*11 500 *25,000	*7300 *15,750	*7300 *15,750	*5150 *10,900	*5150 *10,900	*4000 *8,800	*4000 *8,800	*3900 *8,600	3700 8,150	8350 330
3000 mm 120 in	kg lb	*19,000	*19,000	*11 000 *23,700	*11 000 *23,700	*7050 *15,300	*7050 *15,300	*4250 *9,250	*4250 *9,250	*4350 *9,300	4250 9,150	*3950 *8,700	3400 7,450	8710 350
1500 mm 60 in	kg lb			*6100 *13,850	*6100 *13,850	*6200 *13,400	*6200 *13,400	*4800 *10,450	*4800 *10,450	*4850 *10,200	4100 8,800	*4150 *9,100	3250 7,200	8790 350
0 mm 0 in	kg lb	*6900 *14,950	*6900 *14,950	*5600 *12,250	*5600 *12,250	*8200 *17,600	7900 17,050	*5700 *12,400	5350 11,550	*5500 *11,850	4000 8,550	*4500 *9,900	3300 7,300	8610 340
-1500 mm -60 in	kg lb	*8750 *19,450	*8750 *19,450	*9000 *20,450	*9000 *20,450	*9300 *20,200	7850 16,900	*7250 *15,600	5250 11,350	*5400 *11,550	3950 8,500	*4450 *9,700	3550 7,850	8160 320
-3000 mm -120 in	kg lb	*14 000 *31,350	*14 000 *31,350	*9950 *21,600	*9950 *21,600	*7000 *15,050	*7000 *15,050	*5500 *11,750	5300 11,450			*3700 *8,200	*3700 *8,200	7340 290
-4500 mm -180 in	kg lb	*22 050 *49,300	*22 050 *49,300	*10 250 *22,150	*10 250 *22,150	*6500 *14,150	*6500 *14,150					*5450 *12,300	*5450 *12,300	5350 210



ISO 10567



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

VA cylinder is flexible.

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

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

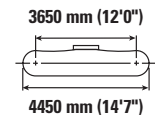
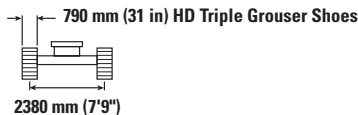
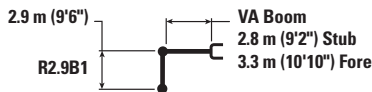


Diagram	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		Diagram		mm in
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	
9000 mm 360 in					*5100 *11,700	*5100 *11,700					*5200 *11,700	*5200 *11,700	4880 190
7500 mm 300 in					*7100 *15,500	*7100 *15,500	*4300 *9,450	*4300 *9,450			*4350 *9,600	*4350 *9,600	6620 260
6000 mm 240 in					*7300 *15,950	*7300 *15,950	*5250 *8,900	*5250 *8,900	*4050 *9,000	*4050 *9,000	*4000 *8,850	*4000 *8,850	7690 300
4500 mm 180 in			*11 500 *25,000	*11 500 *25,000	*7300 *15,750	*7300 *15,750	*5150 *10,900	*5150 *10,900	*4000 *8,800	*4000 *8,800	*3900 *8,600	3700 8,200	8350 330
3000 mm 120 in		*19,000	*11 000 *23,700	*11 000 *23,700	*7050 *15,300	*7050 *15,300	*4250 *9,250	*4250 *9,250	*4350 *9,300	4300 9,250	*3950 *8,700	3400 7,500	8710 350
1500 mm 60 in			*6100 *13,850	*6100 *13,850	*6200 *13,400	*6200 *13,400	*4800 *10,450	*4800 *10,450	*4850 *10,200	4150 8,900	*4150 *9,100	3300 7,250	8790 350
0 mm 0 in	*6900 *14,950	*6900 *14,950	*5600 *12,250	*5600 *12,250	*8200 *17,600	8000 17,250	*5700 *12,400	5400 11,650	*5500 *11,850	4050 8,650	*4500 *9,900	3350 7,400	8610 340
-1500 mm -60 in	*8750 *19,450	*8750 *19,450	*9000 *20,450	*9000 *20,450	*9300 *20,200	7950 17,100	*7250 *15,600	5350 11,500	*5400 *11,550	4000 8,600	*4450 *9,700	3600 7,950	8160 320
-3000 mm -120 in	*14 000 *31,350	*14 000 *31,350	*9950 *21,600	*9950 *21,600	*7000 *15,050	*7000 *15,050	*5500 *11,750	5400 11,600			*3700 *8,200	*3700 *8,200	7340 290
-4500 mm -180 in	*22 050 *49,300	*22 050 *49,300	*10 250 *22,150	*10 250 *22,150	*6500 *14,150	*6500 *14,150					*5450 *12,300	*5450 *12,300	5350 210



ISO 10567



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

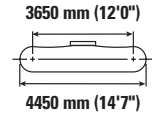
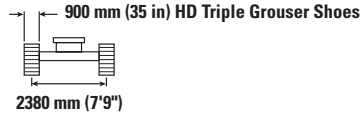
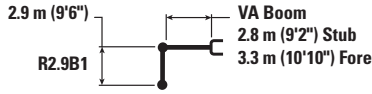
VA cylinder is flexible.



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

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



	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
9000 mm 360 in					*5100 *11,700	*5100 *11,700					*5200 *11,700	*5200 *11,700	4880 190	
7500 mm 300 in					*7100 *15,500	*7100 *15,500	*4300 *9,450	*4300 *9,450			*4350 *9,600	*4350 *9,600	6620 260	
6000 mm 240 in					*7300 *15,950	*7300 *15,950	*5250 *8,900	*5250 *8,900	*4050 *9,000	*4050 *9,000	*4000 *8,850	*4000 *8,850	7690 300	
4500 mm 180 in			*11 500 *25,000	*11 500 *25,000	*7300 *15,750	*7300 *15,750	*5150 *10,900	*5150 *10,900	*4000 *8,800	*4000 *8,800	*3900 *8,600	3750 8,350	8350 330	
3000 mm 120 in		*19,000	*19,000	*11 000 *23,700	*11 000 *23,700	*7050 *15,300	*7050 *15,300	*4250 *9,250	*4250 *9,250	*4350 *9,300	*4350 *9,300	*3950 *8,700	3450 7,650	8710 350
1500 mm 60 in				*6100 *13,850	*6100 *13,850	*6200 *13,400	*6200 *13,400	*4800 *10,450	*4800 *10,450	*4850 *10,200	4200 9,050	*4150 *9,100	3350 7,350	8790 350
0 mm 0 in	*6900 *14,950	*6900 *14,950	*5600 *12,250	*5600 *12,250	*8200 *17,600	8100 17,450	*5700 *12,400	5500 11,850	*5500 *11,850	4100 8,800	*4500 *9,900	3400 7,500	8610 340	
-1500 mm -60 in	*8750 *19,450	*8750 *19,450	*9000 *20,450	*9000 *20,450	*9300 *20,200	8050 17,300	*7250 *15,600	5400 11,650	*5400 *11,550	4050 8,700	*4450 *9,700	3650 8,050	8160 320	
-3000 mm -120 in	*14 000 *31,350	*14 000 *31,350	*9950 *21,600	*9950 *21,600	*7000 *15,050	*7000 *15,050	*5500 *11,750	5450 *11,750			*3700 *8,200	*3700 *8,200	7340 290	
-4500 mm -180 in	*22 050 *49,300	*22 050 *49,300	*10 250 *22,150	*10 250 *22,150	*6500 *14,150	*6500 *14,150					*5450 *12,300	*5450 *12,300	5350 210	



ISO 10567



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

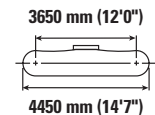
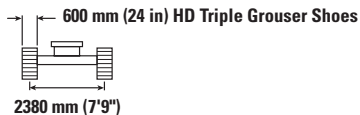
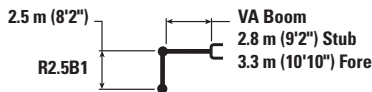
VA cylinder is flexible.

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

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
9000 mm 360 in	kg lb											*6500 *14,800	*6500 *14,800	4110 150
7500 mm 300 in	kg lb					*7500 *16,200	*7500 *16,200	*5250 *11,600	*5250 *11,600			*5200 *11,600	*5200 *11,600	6080 240
6000 mm 240 in	kg lb					*7400 *16,000	*7400 *16,000	*4750 *10,350	*4750 *10,350			*4800 *10,550	4600 10,250	7230 290
4500 mm 180 in	kg lb			*11 400 *24,750	*11 400 *24,750	*7200 *15,600	*7200 *15,600	*4650 *10,650	*4650 *10,650	*4800 *10,400	4250 9,150	*4650 *10,250	3900 8,600	7930 310
3000 mm 120 in	kg lb			*10 000 *23,400	*10 000 *23,400	*6500 *14,050	*6500 *14,050	*4500 *9,800	*4500 *9,800	*5000 *11,150	4150 8,900	*4700 *10,350	3550 7,800	8300 330
1500 mm 60 in	kg lb			*6850 *14,650	*6850 *14,650	*6700 *14,400	*6700 *14,400	*5100 *11,100	*5100 *11,100	*5550 *12,100	4000 8,600	*4950 *10,900	3400 7,500	8390 330
0 mm 0 in	kg lb	*9800 *21,300	*9800 *21,300	*6400 *14,250	*6400 *14,250	*8900 *19,150	7750 16,700	*6100 *13,250	5250 11,300	*6100 *13,050	3900 8,450	*5150 *11,300	3500 7,650	8210 330
-1500 mm -60 in	kg lb	*11 000 *24,250	*11 000 *24,250	*9950 *21,300	*9950 *21,300	*8650 *18,800	7750 16,700	*6850 *14,800	5200 11,200	*4950 *10,300	3900 8,450	*4500 *9,900	3800 8,350	7720 310
-3000 mm -120 in	kg lb	*17 200 *38,450	*17 200 *38,450	*10 050 *21,800	*10 050 *21,800	*6350 *13,650	*6350 *13,650	*4800 *10,100	*4800 *10,100			*4100 *9,050	*4100 *9,050	6780 270
-4500 mm -180 in	kg lb	*23 250	*23 250	*10 500 *22,650	*10 500 *22,650							*7300 *17,400	*7300 *17,400	4150 160



ISO 10567



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

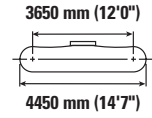
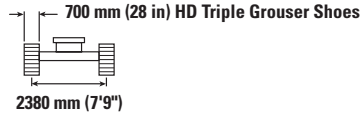
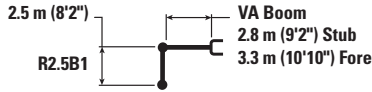
VA cylinder is flexible.



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

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



	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
9000 mm 360 in												*6500 *14,800	*6500 *14,800	4110 150
7500 mm 300 in					*7500 *16,200	*7500 *16,200	*5250 *11,600	*5250 *11,600				*5200 *11,600	*5200 *11,600	6080 240
6000 mm 240 in					*7400 *16,000	*7400 *16,000	*4750 *10,350	*4750 *10,350				*4800 *10,550	4650 10,350	7230 290
4500 mm 180 in			*11 400 *24,750	*11 400 *24,750	*7200 *15,600	*7200 *15,600	*4650 *10,650	*4650 *10,650	*4800 *10,400	4350 9,300		*4650 *10,250	3950 8,700	7930 310
3000 mm 120 in			*10 000 *23,400	*10 000 *23,400	*6500 *14,050	*6500 *14,050	*4500 *9,800	*4500 *9,800	*5000 *11,150	4200 9,050		*4700 *10,350	3600 7,900	8300 330
1500 mm 60 in			*6850 *14,650	*6850 *14,650	*6700 *14,400	*6700 *14,400	*5100 *11,100	*5100 *11,100	*5550 *12,100	4050 8,750		*4950 *10,900	3450 7,650	8390 330
0 mm 0 in	*9800 *21,300	*9800 *21,300	*6400 *14,250	*6400 *14,250	*8900 *19,150	7850 16,950	*6100 *13,250	5350 11,500	*6100 *13,050	3950 8,550		*5150 *11,300	3550 7,800	8210 330
-1500 mm -60 in	*11 000 *24,250	*11 000 *24,250	*9950 *21,300	*9950 *21,300	*8650 *18,800	7850 16,900	*6850 *14,800	5300 11,350	*4950 *10,300	3950 8,550		*4500 *9,900	3850 8,450	7720 310
-3000 mm -120 in	*17 200 *38,450	*17 200 *38,450	*10 050 *21,800	*10 050 *21,800	*6350 *13,650	*6350 *13,650	*4800 *10,100	*4800 *10,100				*4100 *9,050	*4100 *9,050	6780 270
-4500 mm -180 in	*23 250 *51,200	*23 250 *51,200	*10 500 *22,650	*10 500 *22,650								*7300 *17,400	*7300 *17,400	4150 160



ISO 10567



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

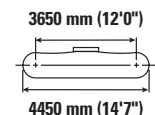
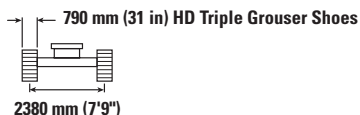
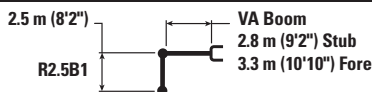
VA cylinder is flexible.



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

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



	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
9000 mm 360 in												*6500 *14,800	*6500 *14,800	4110 150
7500 mm 300 in					*7500 *16,200	*7500 *16,200	*5250 *11,600	*5250 *11,600				*5200 *11,600	*5200 *11,600	6080 240
6000 mm 240 in					*7400 *16,000	*7400 *16,000	*4750 *10,350	*4750 *10,350				*4800 *10,550	4700 10,450	7230 290
4500 mm 180 in			*11 400 *24,750	*11 400 *24,750	*7200 *15,600	*7200 *15,600	*4650 *10,650	*4650 *10,650	*4800 *10,400	4400 9,400		*4650 *10,250	4000 8,800	7930 310
3000 mm 120 in			*10 000 *23,400	*10 000 *23,400	*6500 *14,050	*6500 *14,050	*4500 *9,800	*4500 *9,800	*5000 *11,150	4250 9,150		*4700 *10,350	3650 8,000	8300 330
1500 mm 60 in			*6850 *14,650	*6850 *14,650	*6700 *14,400	*6700 *14,400	*5100 *11,100	*5100 *11,100	*5550 *12,100	4100 8,850		*4950 *10,900	3500 7,700	8390 330
0 mm 0 in	*9800 *21,300	*9800 *21,300	*6400 *14,250	*6400 *14,250	*8900 *19,150	7950 17,150	*6100 *13,250	5400 11,600	*6100 *13,050	4000 8,650		*5150 *11,300	3600 7,850	8210 330
-1500 mm -60 in	*11 000 *24,250	*11 000 *24,250	*9950 *21,300	*9950 *21,300	*8650 *18,800	7950 17,100	*6850 *14,800	5350 11,500	*4950 *10,300	4000 8,650		*4500 *9,900	3900 8,550	7720 310
-3000 mm -120 in	*17 200 *38,450	*17 200 *38,450	*10 050 *21,800	*10 050 *21,800	*6350 *13,650	*6350 *13,650	*4800 *10,100	*4800 *10,100				*4100 *9,050	*4100 *9,050	6780 270
-4500 mm -180 in	*23 250 	*23 250 	*10 500 *22,650	*10 500 *22,650								*7300 *17,400	*7300 *17,400	4150 160



ISO 10567



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

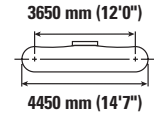
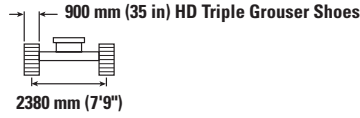
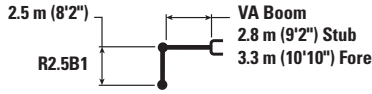
VA cylinder is flexible.



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

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



	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in		
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb			
9000 mm 360 in													*6500 *14,800	*6500 *14,800	4110 150
7500 mm 300 in					*7500 *16,200	*7500 *16,200	*5250 *11,600	*5250 *11,600					*5200 *11,600	*5200 *11,600	6080 240
6000 mm 240 in					*7400 *16,000	*7400 *16,000	*4750 *10,350	*4750 *10,350					*4800 *10,550	*4750 *10,550	7230 290
4500 mm 180 in			*11 400 *24,750	*11 400 *24,750	*7200 *15,600	*7200 *15,600	*4650 *10,650	*4650 *10,650	*4800 *10,400	4450 9,500			*4650 *10,250	4050 8,950	7930 310
3000 mm 120 in			*10 000 *23,400	*10 000 *23,400	*6500 *14,050	*6500 *14,050	*4500 *9,800	*4500 *9,800	*5000 *11,150	4300 9,250			*4700 *10,350	3700 8,100	8300 330
1500 mm 60 in			*6850 *14,650	*6850 *14,650	*6700 *14,400	*6700 *14,400	*5100 *11,100	*5100 *11,100	*5550 *12,100	4150 8,950			*4950 *10,900	3550 7,850	8390 330
0 mm 0 in	*9800 *21,300	*9800 *21,300	*6400 *14,250	*6400 *14,250	*8900 *19,150	8050 17,400	*6100 *13,250	5450 11,750	*6100 *13,050	4100 8,800			*5150 *11,300	3650 8,000	8210 330
-1500 mm -60 in	*11 000 *24,250	*11 000 *24,250	*9950 *21,300	*9950 *21,300	*8650 *18,800	8050 17,350	*6850 *14,800	5400 11,650	*4950 *10,300	4100 8,800			*4500 *9,900	3950 8,700	7720 310
-3000 mm -120 in	*17 200 *38,450	*17 200 *38,450	*10 050 *21,800	*10 050 *21,800	*6350 *13,650	*6350 *13,650	*4800 *10,100	*4800 *10,100					*4100 *9,050	*4100 *9,050	6780 270
-4500 mm -180 in	*23 250 *51,200	*23 250 *51,200	*10 500 *22,650	*10 500 *22,650									*7300 *17,400	*7300 *17,400	4150 160



ISO 10567



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

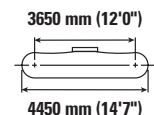
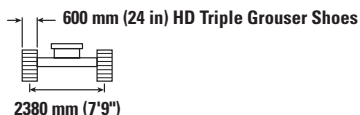
VA cylinder is flexible.

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

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

323 Hydraulic Excavator Specifications

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



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



ISO 10567



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

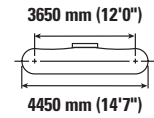
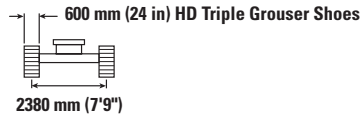
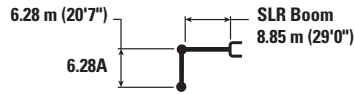
Lift capacity stays with ±5% for all available track shoes.













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

(continued on next page)

323 Hydraulic Excavator Specifications

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



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



ISO 10567



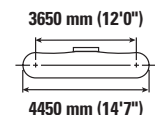
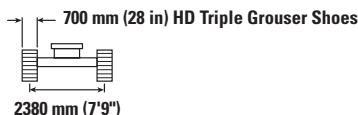
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

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



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



ISO 10567



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

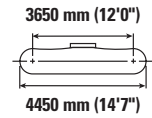
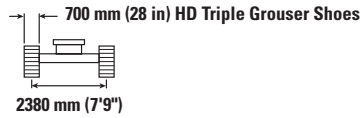
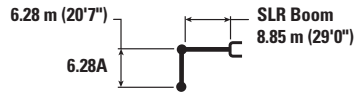
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

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



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



ISO 10567



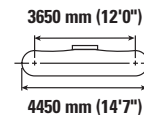
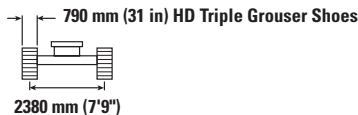
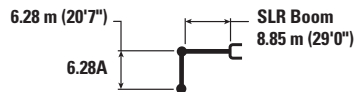
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

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



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



ISO 10567



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

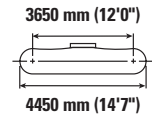
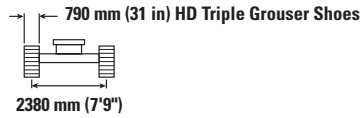
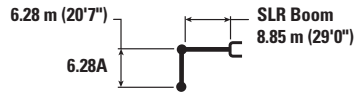
Lift capacity stays with ±5% for all available track shoes.













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

(continued on next page)

323 Hydraulic Excavator Specifications

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



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



ISO 10567



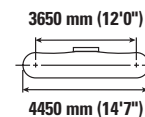
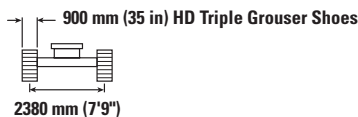
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

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



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
12 000 mm 480 in	kg lb											*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb											*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb											*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb											*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb											*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb											*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb			*4700 *11,900	*4700 *11,900	*6050 *12,900	*6050 *12,900	*4450 *9,600	*4450 *9,600	*3600 *7,800	*3600 *7,800	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb					*6750 *16,000	*6750 *16,000	*5250 *11,300	*5250 *11,300	*4100 *8,900	3950 8,550	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb			*2050 *4,550	*2050 *4,550	*4700 *10,750	*4700 *10,750	*5900 *12,700	4900 10,550	*4550 *9,800	3700 7,900	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2750 *6,100	*2750 *6,100	*4650 *10,550	*4650 *10,550	*6250 *13,550	4600 9,950	*4850 *10,450	3450 7,450	*1400 *3,000	*1400 *3,000	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3550 *7,900	*3550 *7,900	*5200 *11,750	*5200 *11,750	*6450 *13,900	4450 9,650	*5000 *10,850	3350 7,200	*1500 *3,300	1500 3,250	13 790 550
-4500 mm -180 in	kg lb	*3700 *8,200	*3700 *8,200	*4450 *9,900	*4450 *9,900	*6100 *13,750	*6100 *13,750	*6400 *13,800	4450 9,550	*5050 *10,900	3300 7,100	*1700 *3,800	1600 3,500	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,150	*4550 *10,150	*5450 *12,200	*5450 *12,200	*7250 *16,350	6800 14,650	*6150 *13,250	4500 9,650	*4900 *10,550	3300 7,100	*2000 *4,500	1750 3,850	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,300	*5500 *12,300	*6600 *14,850	*6600 *14,850	*7300 *15,650	7000 15,050	*5650 *12,150	4600 9,900	*4550 *9,800	3400 7,300	*2550 *5,700	2050 4,500	11 240 440
-9000 mm -360 in	kg lb			*8000 *17,500	*8000 *17,500	*6150 *13,100	*6150 *13,100	*4850 *10,350	4800 10,300	*3950 *8,300	3500 7,600	*2700 *5,900	2550 5,700	9800 380



ISO 10567



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

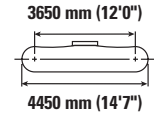
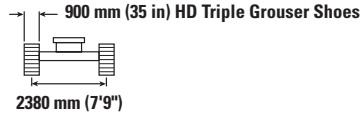
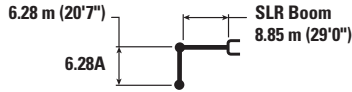
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

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



		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in				mm in
												
12 000 mm 480 in	kg lb									*1300 *2,850	*1300 *2,850	10 350 400
10 500 mm 420 in	kg lb			*2200 *4,750	*2200 *4,750					*1200 *2,600	*1200 *2,600	11 660 460
9000 mm 360 in	kg lb			*2200 *4,800	*2200 *4,800	*2000 *3,700	*2000 *3,700			*1150 *2,500	*1150 *2,500	12 660 500
7500 mm 300 in	kg lb			*2250 *4,950	*2250 *4,950	*2250 *4,900	*2250 *4,900			*1100 *2,450	*1100 *2,450	13 410 530
6000 mm 240 in	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2250 4,850	*1850 *3,250	1800 *3,250	*1100 *2,400	*1100 *2,400	13 970 550
4500 mm 180 in	kg lb	*2800 *6,050	*2800 *6,050	*2600 *5,600	*2600 *5,600	*2400 *5,250	2200 4,650	*2300 *4,650	1750 3,700	*1100 *2,450	*1100 *2,450	14 340 570
3000 mm 120 in	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,050	2600 5,600	*2550 *5,550	2100 4,450	*2400 *5,200	1700 3,600	*1150 *2,500	*1150 *2,500	14 550 580
1500 mm 60 in	kg lb	*3450 *7,450	3100 6,650	*3000 *6,500	2450 5,250	*2700 *5,850	2000 4,250	*2500 *5,400	1650 3,500	*1200 *2,600	*1200 *2,600	14 600 580
0 mm 0 in	kg lb	*3750 *8,050	2900 6,200	*3200 *6,900	2350 5,000	*2850 *6,150	1900 4,100	*2550 *5,550	1600 3,400	*1300 *2,800	*1300 *2,800	14 490 570
-1500 mm -60 in	kg lb	*3950 *8,550	2750 5,900	*3350 *7,250	2250 4,750	*2950 *6,350	1850 3,950	2550 5,450	1550 3,300	*1400 *3,000	*1400 *3,000	14 230 560
-3000 mm -120 in	kg lb	*4100 *8,850	2650 5,650	*3450 *7,450	2150 4,600	2950 6,350	1800 3,850	*2300 *3,700	1550 3,250	*1500 *3,300	1500 3,250	13 790 550
-4500 mm -180 in	kg lb	*4100 *8,900	2600 5,550	*3450 *7,500	2100 4,550	2950 6,350	1800 3,800			*1700 *3,800	1600 3,500	13 170 520
-6000 mm -240 in	kg lb	*4000 *8,650	2600 5,600	*3350 *7,200	2150 4,600	*2800 *5,150	1800 3,900			*2000 *4,500	1750 3,850	12 340 490
-7500 mm -300 in	kg lb	*3750 *8,000	2650 5,750	*3050 *6,450	2200 4,750					*2550 *5,700	2050 4,500	11 240 440
-9000 mm -360 in	kg lb	*3150 *6,550	2800 6,050							*2700 *5,900	2550 5,700	9800 380



ISO 10567



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

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

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

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill %	4.2 mt (9,300 lb) Counterweight		5.4 mt (11,900 lb) Counterweight				SLR	
		mm	in	m ³	yd ³	kg	lb		Reach Boom		Reach Boom		VA Boom			
									R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")		
Pin-On (No Quick Coupler)																
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	X	X	X	X	X	X		
General Duty	B	600	24	0.46	0.60	550	1,212	100	●	●	●	●	●	●		
	B	750	30	0.64	0.84	621	1,368	100	●	●	●	●	●	●		
	B	1000	39	0.93	1.22	717	1,580	100	●	●	●	●	●	●		
	B	1200	48	1.19	1.56	807	1,778	100	●	●	●	●	●	●		
	B	1400	55	1.43	1.87	874	1,926	100	X	X	X	X	X	X		
	B	1500	60	1.58	2.06	914	2,014	100	X	X	X	X	X	X		
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	●	●	●	●	●	●		
Ditch Cleaning	B	2000	78	1.22	1.60	869	1,916	100	●	⊙	●	●	●	⊙		
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1096	2,417	100	⊙	⊙	●	●	⊙	⊙		
General Duty	312	900	36	0.53	0.69	403	888	100							○	
Ditch Cleaning	312	1200	48	0.57	0.74	386	851	100							○	
Maximum load with pin-on (payload + bucket)									kg	3330	3100	3980	3710	3540	3290	1140
									lb	7,341	6,834	8,774	8,179	7,804	7,253	2,513

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill %	4.2 mt (9,300 lb) Counterweight		5.4 mt (11,900 lb) Counterweight				
		mm	in	m ³	yd ³	kg	lb		Reach Boom		Reach Boom		VA Boom		
									R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	
With Cat Pin Grabber Coupler															
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	600	24	0.46	0.60	550	1,212	100	●	●	●	●	●	●	
	B	750	30	0.64	0.84	621	1,368	100	●	●	●	●	●	●	
	B	1000	39	0.93	1.22	717	1,580	100	●	●	●	●	●	●	
	B	1200	48	1.19	1.56	807	1,778	100	⊙	⊖	●	●	⊙	⊙	
	B	1400	55	1.43	1.87	874	1,926	100	⊖	○	⊙	⊙	⊖	○	
	B	1500	60	1.58	2.06	914	2,014	100	○	○	⊙	⊖	○	○	
Heavy Duty	B	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	⊙	⊖	●	●	⊙	⊙	
Ditch Cleaning	B	2000	78	1.22	1.60	869	1,916	100	⊙	⊖	●	●	⊙	⊖	
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1096	2,417	100	⊖	○	●	⊙	⊖	⊖	
Maximum load with coupler (payload + bucket)									kg	3016	2779	3677	3401	3122	2869
									lb	6,649	6,127	8,107	7,498	6,884	6,326

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(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			
		mm	in	m ³	yd ³	kg	lb		Reach Boom		Reach Boom		VA Boom	
									R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")
With CW-40 Quick Coupler														
General Duty	B	900	36	0.81	1.06	664	1,463	100	●	●	●	●	●	●
	B	1050	42	1.00	1.31	711	1,567	100	●	●	●	●	●	●
	B	1200	48	1.19	1.56	781	1,721	100	●	⊙	●	●	●	⊙
	B	1300	51	1.30	1.70	813	1,791	100	⊙	⊖	●	●	⊙	⊖
Heavy Duty	B	600	24	0.46	0.61	618	1,363	100	●	●	●	●	●	●
	B	1200	48	1.19	1.56	886	1,953	100	⊙	⊙	●	●	●	⊙
	B	1300	52	1.30	1.71	944	2,081	100	X	X	X	X	X	X
Ditch Cleaning	B	2100	83	1.29	1.69	792	1,746	100	⊙	⊖	●	●	⊙	⊙
	B	2100	83	1.46	1.91	809	1,784	100	⊖	⊖	●	⊙	⊖	⊖
	B	1800	72	1.50	1.96	775	1,709	100	⊖	⊖	●	⊙	⊖	⊖
	B	1800	72	1.50	1.96	737	1,624	100	⊖	⊖	●	⊙	⊖	⊖
	B	2100	83	1.76	2.31	864	1,905	100	○	○	⊖	⊖	○	○
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1161	2,560	100	⊖	⊖	●	⊙	⊙	⊖
Maximum load with coupler (payload + bucket)								kg	3188	2951	3849	3573	3294	3041
								lb	7,028	6,506	8,486	7,877	7,262	6,704
With CW-40S Quick Coupler														
General Duty	B	600	24	0.46	0.61	508	1,119	100	●	●	●	●	●	●
	B	750	30	0.64	0.84	592	1,305	100	●	●	●	●	●	●
	B	900	36	0.81	1.06	661	1,457	100	●	●	●	●	●	●
	B	1300	51	1.30	1.70	810	1,785	100	⊙	⊖	●	●	⊙	⊙
	B	1400	55	1.43	1.87	845	1,862	100	⊖	○	●	⊙	⊙	⊖
Heavy Duty	B	600	24	0.46	0.61	585	1,289	100	●	●	●	●	●	●
	B	1200	48	1.19	1.56	875	1,928	100	⊙	⊖	●	●	●	⊙
	B	1300	52	1.30	1.70	931	2,052	100	X	X	X	X	X	X
Ditch Cleaning	B	2000	78	1.22	1.60	815	1,797	100	⊙	⊖	●	●	●	⊙
	B	2200	87	1.36	1.78	880	1,940	100	⊖	⊖	●	⊙	⊙	⊖
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1142	2,518	100	⊖	○	●	⊙	⊙	⊖
Maximum load with coupler (payload + bucket)								kg	3099	2869	3749	3479	3309	3059
								lb	6,832	6,325	8,265	7,670	7,295	6,744

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

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

PIN-ON ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC S	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓
	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	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G318 WH	✓	✓	✓	✓	✓	✓
	G324	✓	✓*	✓	✓	✓	✓
	G324 WH-1500	✓	✓*	✓	✓		
	G324 WH-1800			✓			
	G324 WH	✓	✓*	✓	✓		
Mobile Scrap and Demolition Shears	S3025	✓	✓	✓	✓	✓	✓
	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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.

No Match

1800 kg/m³ (3,000 lb/yd³)

1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS (continued)

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (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			○	○	○	
	GSV520-400	●	●	●	●	●	●
	GSV520-500	●	●	●	●	●	●
	GSV520-600	●	●	●	●	●	●
	GSV520-750	●	●	●	●	●	●
	GSV525-600	●	●	●	●	●	●
	GSV525-750	●	○	●	●	●	●
	GSV525-950	○	○	●	○	○	○
	GSV525-1150			○	○	○	
Hydraulic Transfer Grab	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
 † Allowed usage on machine less than 50%
 No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC S	✓†	✓†	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†	✓†	✓†
	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	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G318 WH	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓	✓	✓	✓	✓	✓
	S3025 Flat Top	✓	✓*	✓	✓		
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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
 † Allowed usage on machine less than 50%
 No Match

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (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	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G318 WH	✓	✓	✓	✓	✓	✓
	G324	✓*		✓			
	G324 WH-1500			✓			
Mobile Scrap and Demolition Shears	S3025	✓	✓	✓	✓	✓	✓
	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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
 † Allowed usage on machine less than 50%
 No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC S	✓†	✓†	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†	✓†	✓†
	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	G317 GC	✓	✓	✓	✓	✓	✓
	G317 GC Fixed CAN	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 Fixed CAN	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G318 WH	✓	✓	✓	✓	✓	✓
	G324	✓*		✓		✓	
	G324 WH-1500			✓			
G324 WH			✓				
Mobile Scrap and Demolition Shears	S3025	✓	✓	✓	✓		
	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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
 † Allowed usage on machine less than 50%
 No Match

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (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	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G318 WH	✓	✓	✓	✓	✓	✓
	G324	✓*		✓			
	G324 WH-1500			✓			
	G324 WH			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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

† Allowed usage on machine less than 50%

No Match

HCS70 COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 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	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓		✓		✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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

† Allowed usage on machine less than 50%

No Match

HCS70/55 COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 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	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓		✓		✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓
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
 † Allowed usage on machine less than 50%
 No Match

TRS18-CW-30S COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓
	H120 GC S	✓†	✓†	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†	✓†	✓†
Demolition and Sorting Grapples	G217 GC	✓	✓	✓	✓	✓	✓
	G217 GC Fixed CAN	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓

TRS18-CW-30 COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓
	H120 GC S	✓†	✓†	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†	✓†	✓†
Demolition and Sorting Grapples	G217 GC	✓	✓	✓	✓	✓	✓
	G217 GC Fixed CAN	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓

TRS18-S70 COUPLER ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓
	H120 GC S	✓†	✓†	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†	✓†	✓†
Demolition and Sorting Grapples	G217 GC	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓

BOOM-MOUNT ATTACHMENTS

Undercarriage		L		L		L	
Counterweight		4.2 mt (9,300 lb)		5.4 mt (11,900 lb)		5.4 mt (11,900 lb)	
Boom Type		Reach		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Mobile Scrap and Demolition Shears	S2050	✓	✓		✓	✓	✓*
	S3035	✓	✓	✓	✓	✓	✓

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
ENGINE			UNDERCARRIAGE AND STRUCTURES		
Three selectable power modes	✓		600 mm (24 in) HD triple grouser track shoes	✓	
Automatic engine speed control	✓		700 mm (28 in) HD triple grouser track shoes		✓
Automatic engine idle shutdown	✓		790 mm (31 in) HD triple grouser track shoes		✓
Work up to 3000 m (9,840 ft) above sea level without engine power de-rating	✓		900 mm (35 in) HD triple grouser track shoes		✓
46° C (115° F) high-ambient cooling capacity	✓		Tie-down points on base frame	✓	
52° C (125° F) high-ambient cooling capacity		✓	Segmented track guiding guards	✓	
Cold starting capability for -18° C (0° F)	✓		Full-length track guiding guards		✓
Cold starting capability for -32° C (-25° F)		✓	HD bottom guard	✓	
Double element air filter with integrated precleaner	✓		Swivel guard	✓	
Electric fuel priming pump	✓		HD travel motor guards	✓	
On-demand electric cooling fans with auto-reverse function	✓		Grease lubricated track links	✓	
Biodiesel capability up to B20	✓		4200 kg (9,300 lb) counterweight		✓
HYDRAULIC SYSTEM			5400 kg (11,900 lb) counterweight	✓	
Boom and stick regeneration circuits	✓		HD swing frame	✓	
Boom/stick lowering check valves	✓		Semi-HD swing frame		✓
SmartBoom™	✓		HD swing bearing	✓	
Electronic main control valve	✓		HD base frame with SD track rollers and standard carrier rollers	✓	
Automatic hydraulic warm up	✓		Final drive with bio oil capable travel motor	✓	
Automatic two-speed travel	✓		BOOMS, STICKS AND LINKAGES		
Boom and stick drift reduction valve	✓		5.7 m (18'8") Reach boom	✓	
Element type main hydraulic filter	✓		Variable Angle boom (2.8 m/9'2" stub + 3.3 m/10'10" fore)		✓
Slider joysticks	✓		Super Long Reach boom (8.85 m/29'0")		✓
Tandem type electronic main pump	✓		2.9 m (9'6") Reach stick	✓	
Advanced Tool Control (two pump, one/two way high-pressure flow)		✓	2.5 m (8'2") Reach stick		✓
Medium pressure auxiliary circuit		✓	Super Long Reach stick (6.28 m/20'7")		✓
Quick coupler circuit for Cat Pin Grabber CW Dedicated	✓		Bucket linkage, B1-family with lifting eye	✓	
			Bucket linkage, A-family without lifting eye		✓

(continued on next page)

323 Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
ELECTRICAL SYSTEM			SERVICE AND MAINTENANCE		
1,000 CCA maintenance-free batteries (×2)	✓		Scheduled Oil Sampling (S·O·S SM) ports	✓	
1,000 CCA maintenance-free batteries (×4)		✓	QuickEvac TM 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, LH and RH boom lights, cab lights	✓		Electric refueling pump with automatic shutoff	✓	
LED chassis light, LH and RH boom lights, cab lights with cover and rain protector – for use with 360° visibility		✓	Radiator screen		✓
Premium lighting package	✓		SAFETY AND SECURITY		
CAT TECHNOLOGY			Rear and right-hand-sideview cameras	✓	
Cat Product Link TM	✓		Cab mirror for RH side track edge	✓	
Work tool recognition	✓		360° visibility		✓
Work tool tracking*	✓		Neutral lever (lock out) for all controls	✓	
Laser catcher		✓	Anti-skid plate and countersunk bolts on service platform	✓	
Cat GRADE with 2D and offset memory	✓		Ground-level accessible secondary engine shutoff switch in cab	✓	
Cat GRADE with Advanced 2D		✓	RH handrail and handhold (ISO 2867:2011 compliant)	✓	
Cat GRADE with 3D connectivity: – Virtual Reference Station** – Internet Base Service Station** – Trimble Connected Community**		✓			
Cat Assist: – Grade Assist – Boom Assist – Bucket Assist – Swing Assist – Lift Assist	✓				
Cat PAYLOAD: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability	✓				
2D E-Fence: – E-ceiling – E-floor – E-swing – E-wall – E-cab avoidance	✓				
Auto hammer stop	✓				
Remote Services capability	✓				
Auto Dig Boost	✓				

*Paired with PL161 attachment locator.

**Subscription required.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- LH/RH electrical pedal for tool control
- Rain protector plus cab light cover
- 75 mm (3") wide 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

323 Cab Options

Cab Options

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

● Standard

○ Optional

X Not available



323

Narrow, High Drawbar Hydraulic Excavators

The Cat® 323 Narrow excavator is designed with a transportation width less than 2.55 m (8'4"). The High Drawbar variant is designed for mountain areas that need low widths and extra traction to climb steep slopes. Both bring premium performance with simple-to-use technology from the factory to boost your operating efficiency up to 45%.

High Performance

- The excavators consume up to 25% less fuel than the models they replace.
- VA boom options expand the your working area.
- Swing torque increase of 10% makes slope work easier.
- Smart mode automatically matches engine and hydraulic power to digging conditions.
- Don't let the temperature stop you from working. Standard high-ambient temperature capability is 52° C (125° F) with derate and cold start capability of -18° C (0° F). An optional -32° C (-25° F) cold start package is available.

Cat Technology

- Get up to 45% operating efficiency with standard Cat technologies.
- Standard 2D Grade and Grade Assist help you get to your depth and slope targets with little effort.
- Optional Advanced 2D or 3D allow you to create and edit designs with ease.
- Standard Payload helps you see your production in real time.
- Combine Payload with VisionLink® and remotely manage your production targets, now with the capability to download on a USB stick.

All New Cab

- Deluxe cab has a heated, air-adjustable seat.
- Premium cab has an auto-adjustable seat that's heated and cooled.
- Tilt-up console improves ingress/egress up to 45%.
- Advanced viscous mounts reduce cab vibration up to 50% over previous excavator models.
- Use the standard radio's USB ports and Bluetooth® technology to connect personal devices and make hands-free calls.

Simple to Operate

- All controls are positioned to reduce twisting and turning.
- Start the engine with a push button; use a Bluetooth key fob, smartphone app, or the unique Operator ID function.
- Preferences can be set and remembered with Operator ID.
- Touchscreen monitor and jog dial control make navigating through menus easy.
- Not sure how a function works or how to maintain the excavator? Always have the operator's manual at your fingertips in the touchscreen monitor.

Less Maintenance

- Expect up to 20% less maintenance cost than the model it replaces.
- Change all fuel filters at a synchronized 1,000 hours – a 100% increase over the previous fuel filters.
- Expect the new air intake filter with precleaner to last up to 1,000 hours – a 100% increase over the previous filter.
- All routine maintenance can be done at ground level.
- The engine's aftertreatment system requires no maintenance.
- High-efficiency cooling fans run only when needed; you can program intervals so they automatically reverse to keep cores clean without interrupting your work.

Enhanced Safety

- 2D E-Fence prevents the excavator from working outside operator defined set points.
- Lift Assist lets you know if you are within the excavator's safe working range limits.
- Rearview and right-hand-sideview cameras are standard.
- New right service platform design provides easy, safe, and quick access to upper service platform; the service platform steps use anti-skid punch plate to prevent slipping.
- Boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose power.



323 Narrow, High Drawbar Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C4.4	
Net Power (ISO 9249)	129 kW	172 hp
Engine Power (ISO 14396)	129 kW	174 hp
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.40 L	269 in ³

- The 323 Narrow meets EU Stage V emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, aftertreatment, and alternator.
- Rating at 2,200 rpm.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg of refrigerant, which has a CO₂ equivalent of 1.287 metric tonnes.

Swing Mechanism

Swing Speed	11.1 rpm	
Maximum Swing Torque	82 kN·m	60,300 lbf-ft

Weights

Operating Weight	23 200 kg	51,147 lb
------------------	-----------	-----------

- Long undercarriage, Reach boom, R2.9 (9'6"), GD 1.43 m³ (1.87 yd³) bucket, 500 mm (20 in) triple grouser shoe and 4.55 mt (10,031 lb) counterweight for Narrow configuration.

Track

Narrow

Standard Track Shoes Width	500 mm	20 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

High Drawbar

Optional Track Shoes Width	550 mm	22 in
Number of Shoes (each side)	45	
Number of Track Rollers (each side)	7	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
--------------	---------	--

Narrow

Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull	205 kN	46,086 lbf

High Drawbar

Maximum Travel Speed	4.5 km/h	2.8 mph
Maximum Drawbar Pull	251 kN	56,427 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 – Implement	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure – Travel	35 000 kPa	5,076 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	267 L	70.5 gal
Cooling System	12.5 L	3.3 gal
Engine Oil (with filter)	15 L	4.0 gal
Swing Drive	12 L	3.2 gal
Final Drive (each)	4.5 L	1.2 gal
Hydraulic System (including tank)	218 L	57.6 gal
Hydraulic Tank (including suction pipe)	115 L	30.4 gal
DEF Tank	26 L	6.9 gal

Sound Performance

ISO 6395:2008 (external)	99 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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

	500 mm (20 in) Triple Grouser Shoes				550 mm (22 in) Double Grouser Shoes			
	Weight		Ground Pressure		Weight		Ground Pressure	
	kg	lb	kPa	psi	kg	lb	kPa	psi
4.55 mt (10,031 lb) Counterweight + Narrow Undercarriage Base Machine								
Reach Boom + 2.9 m (9'6") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket	22 700	50,045	56.7	8.2				
Variable Angle Boom + 2.5 m (8'2") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket	23 900	52,700	59.7	8.7				
4.55 mt (10,031 lb) Counterweight + High Drawbar Undercarriage Base Machine								
Reach Boom + 2.9 m (9'6") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket					23 700	52,249	55.7	8.1
Variable Angle Boom + 2.5 m (8'2") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket					25 000	55,100	58.7	8.5

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

Major Component Weights

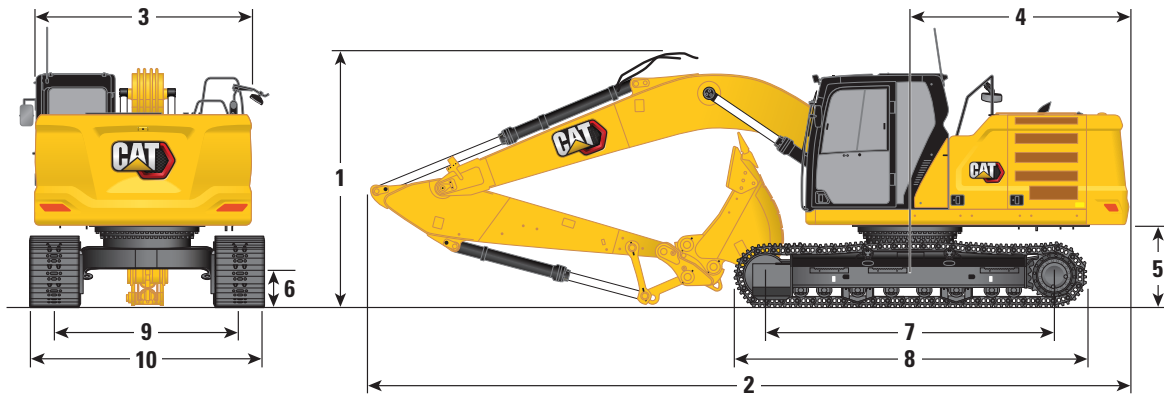
	kg	lb
Base Machine (with 4.55 mt [10,031 lb] Counterweight for Narrow Undercarriage)	15 799	34,800
Base Machine (with 4.55 mt (10,031 lb) Counterweight for High Drawbar Undercarriage)	16 268	35,900
Track Shoes:		
500 mm (20 in) Width, 12.5 mm (0.49 in) Thick, Triple Grouser Track Shoes for Narrow Undercarriage	2835	6,200
550 mm (22 in) Width, 14.5 mm (0.57 in) Thick, Double Grouser Track Shoes for High Drawbar Undercarriage	3369	7,400
Two Boom Cylinders	358	800
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	280	600
Counterweight:		
4.55 mt Counterweight	4550	10,000
Swing Frames:		
Semi-HD Swing Frame	1910	4,210
HD Swing Frame	2090	4,600
Undercarriage:		
Standard Base Frame with HD Track Rollers and Standard Carrier Rollers	4420	9,700
HD Base Frame with SD Track Rollers and Standard Carrier Rollers	4470	9,900
Booms (including lines, pins, stick cylinder):		
Reach Boom (5.7 m/18'8")	1777	3,900
Variable Angle Boom (2.7 m/8'10" Stub + 3.3 m/10'10" Fore)	3097	6,100
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick (R2.9B1/9'6")	996	2,200
Reach Stick (R2.5B1/8'2")	1051	2,300
Buckets (without linkage, with tips and side cutters):		
1.43 m ³ (1.87 yd ³) GD	915	2,000
1.30 m ³ (1.70 yd ³) GD	838	1,800
Quick Couplers:		
Pin Grabber QC B with Pins	427	900
CW Dedicated QC B with Pins	251	500

Refer to pages 62-64 for a complete list of bucket options.

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Dimensions – Narrow Undercarriage

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

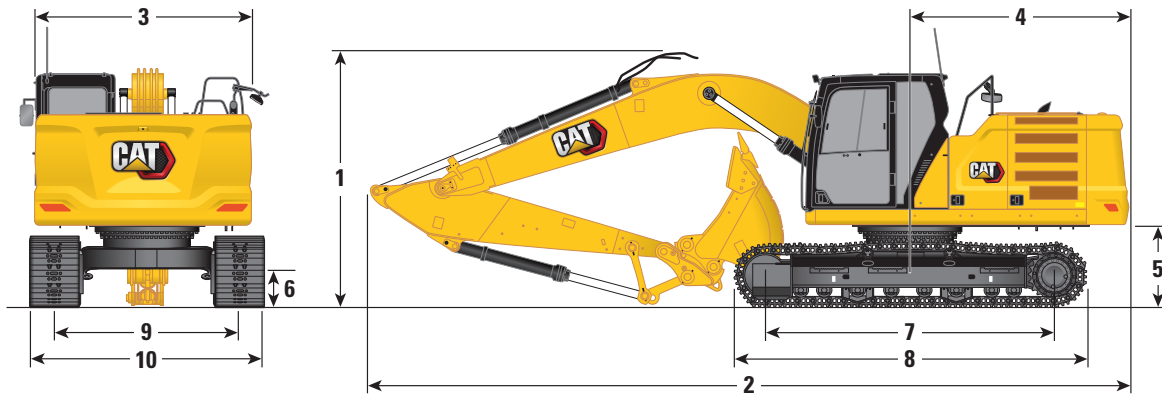


Boom Options	Reach Boom 5.7 m (18'8")				Variable Angle Boom 2.7 m (8'10") Stub/3.3 m (10'10") Fore			
Stick Options	Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")		Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")	
1 Machine Height:								
Top of Cab Height	2975 mm	9'9"	2975 mm	9'9"	2975 mm	9'9"	2975 mm	9'9"
Top of FOGS Height	3118 mm	10'3"	3118 mm	10'3"	3118 mm	10'3"	3118 mm	10'3"
Handrails Height	2969 mm	9'9"	2969 mm	9'9"	2969 mm	9'9"	2969 mm	9'9"
With Boom/Stick/Bucket Installed	3063 mm	10'1"	3099 mm	10'2"	3015 mm	9'11"	2920 mm	9'7"
With Boom/Stick Installed	2936 mm	9'8"	2850 mm	9'4"	2954 mm	9'8"	2833 mm	9'4"
With Boom Installed	2400 mm	7'10"	2400 mm	7'10"	2322 mm	7'7"	2322 mm	7'7"
2 Machine Length:								
With Boom/Stick/Bucket Installed	9554 mm	31'4"	9570 mm	31'5"	9807 mm	32'2"	9841 mm	32'3"
With Boom/Stick Installed	9534 mm	31'3"	9521 mm	31'3"	9807 mm	32'2"	9846 mm	32'4"
With Boom Installed	8490 mm	27'10"	8490 mm	27'10"	8765 mm	28'9"	8765 mm	28'9"
3 Upperframe Width without Walkways	2542 mm	8'4"	2542 mm	8'4"	2542 mm	8'4"	2542 mm	8'4"
4 Tail Swing Radius	2822 mm	9'3"	2822 mm	9'3"	2822 mm	9'3"	2822 mm	9'3"
5 Counterweight Clearance without Shoe Lug	1036 mm	3'5"	1036 mm	3'5"	1036 mm	3'5"	1036 mm	3'5"
6 Ground Clearance without Shoe Lug	437 mm	1'5"	437 mm	1'5"	437 mm	1'5"	437 mm	1'5"
7 Length to Center of Rollers	3646 mm	12'0"	3646 mm	12'0"	3646 mm	12'0"	3646 mm	12'0"
8 Track Length	4455 mm	14'7"	4455 mm	14'7"	4455 mm	14'7"	4455 mm	14'7"
9 Track Gauge	1995 mm	6'7"	1995 mm	6'7"	1995 mm	6'7"	1995 mm	6'7"
10 Undercarriage Width:								
500 mm (20 in) Shoes	2495 mm	8'2"	2495 mm	8'2"	2495 mm	8'2"	2495 mm	8'2"
Bucket Type	GD		GD		GD		GD	
Bucket Capacity	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³
Bucket Tip Radius	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Dimensions – High Drawbar Undercarriage

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

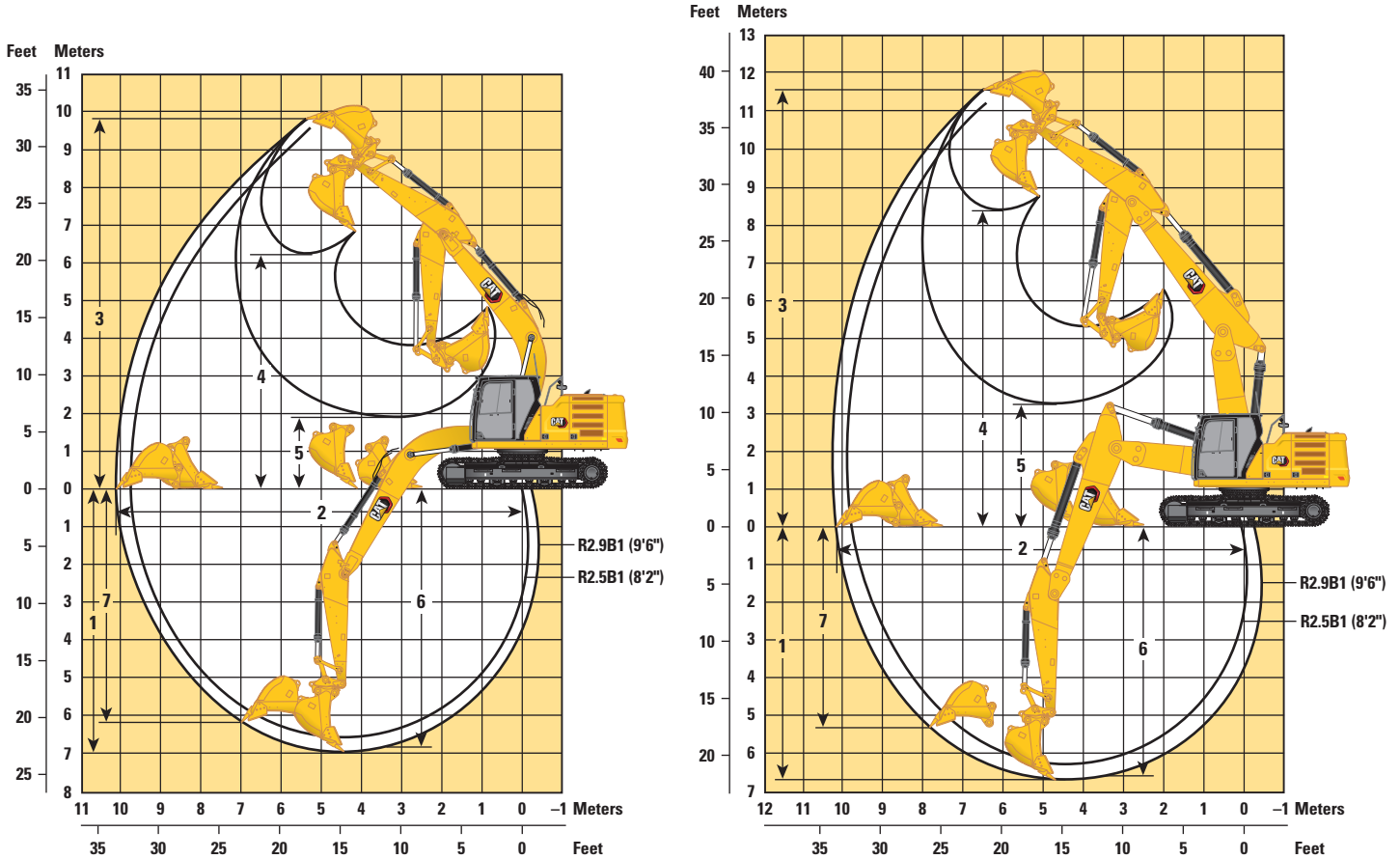


Boom Options	Reach Boom 5.7 m (18'8")				Variable Angle Boom 2.7 m (8'10") Stub/3.3 m (10'10") Fore			
Stick Options	Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")		Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")	
1 Machine Height:								
Top of Cab Height	3050 mm	10'0"	3050 mm	10'0"	3050 mm	10'0"	3050 mm	10'0"
Top of FOGS Height	3193 mm	10'6"	3193 mm	10'6"	3193 mm	10'6"	3193 mm	10'6"
Handrails Height	3044 mm	10'0"	3044 mm	10'0"	3044 mm	10'0"	3044 mm	10'0"
With Boom/Stick/Bucket Installed	3056 mm	10'0"	3120 mm	10'3"	3090 mm	10'2"	2995 mm	9'10"
With Boom/Stick Installed	2952 mm	9'8"	2870 mm	9'5"	2977 mm	9'9"	2866 mm	9'5"
With Boom Installed	2447 mm	8'0"	2447 mm	8'0"	2368 mm	7'9"	2368 mm	7'9"
2 Machine Length:								
With Boom/Stick/Bucket Installed	9549 mm	31'4"	9566 mm	31'5"	9815 mm	32'2"	9838 mm	32'3"
With Boom/Stick Installed	9520 mm	31'3"	9504 mm	31'2"	9819 mm	32'3"	9830 mm	32'3"
With Boom Installed	8467 mm	27'9"	8467 mm	27'9"	8739 mm	28'8"	8739 mm	28'8"
3 Upperframe Width without Walkways	2542 mm	8'4"	2542 mm	8'4"	2542 mm	8'4"	2542 mm	8'4"
4 Tail Swing Radius	2822 mm	9'3"	2822 mm	9'3"	2822 mm	9'3"	2822 mm	9'3"
5 Counterweight Clearance without Shoe Lug	1113 mm	3'8"	1113 mm	3'8"	1113 mm	3'8"	1113 mm	3'8"
6 Ground Clearance without Shoe Lug	484 mm	1'7"	484 mm	1'7"	484 mm	1'7"	484 mm	1'7"
7 Length to Center of Rollers	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"
8 Track Length	4358 mm	14'4"	4358 mm	14'4"	4358 mm	14'4"	4358 mm	14'4"
9 Track Gauge	1896 mm	6'3"	1896 mm	6'3"	1896 mm	6'3"	1896 mm	6'3"
10 Undercarriage Width:								
550 mm (22 in) Shoes	2496 mm	8'2"	2496 mm	8'2"	2496 mm	8'2"	2496 mm	8'2"
Bucket Type	GD							
Bucket Capacity	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³
Bucket Tip Radius	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Working Ranges – Narrow Undercarriage

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



Boom Options

Reach Boom
5.7 m (18'8")

Variable Angle Boom
2.7 m (8'10") Stub/3.3 m (10'10") Fore

Stick Options

Reach Sticks

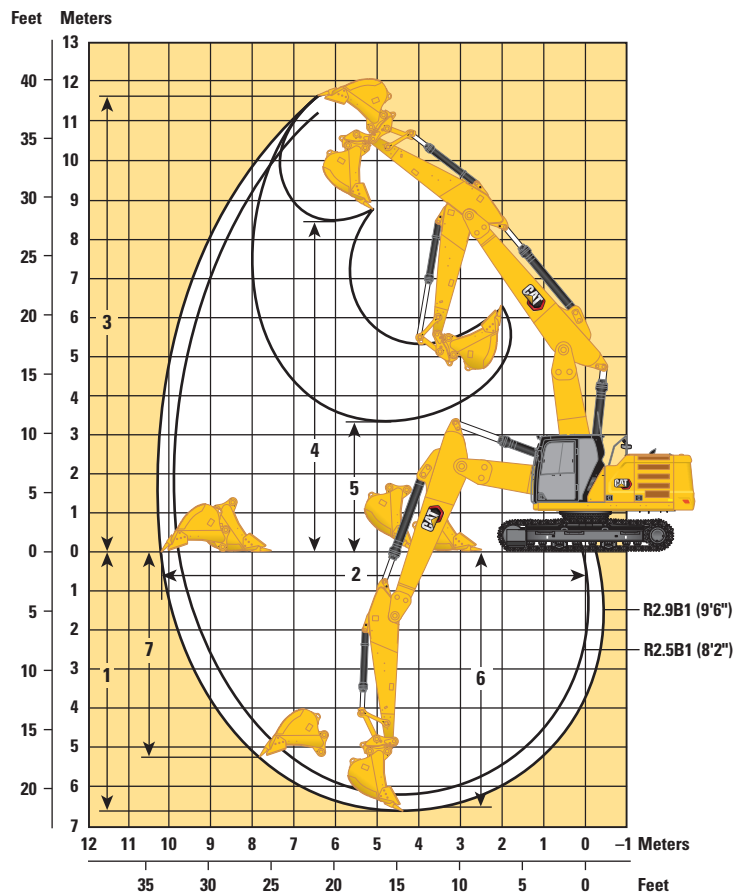
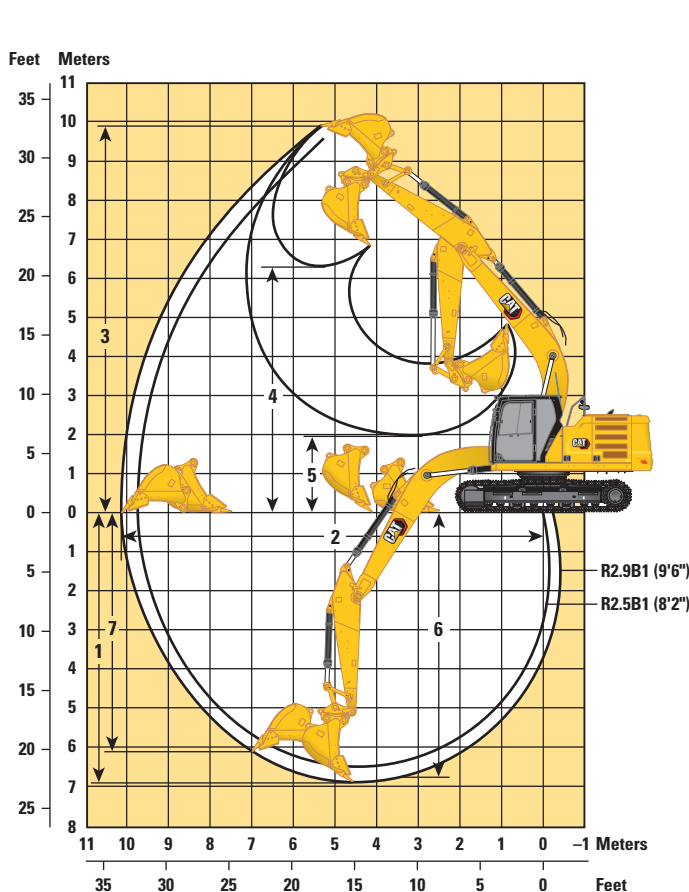
Reach Sticks

	R2.9B1 (9'6")		R2.5B1 (8'2")		R2.9B1 (9'6")		R2.5B1 (8'2")	
	7000 mm	23'0"	6580 mm	21'7"	6700 mm	22'0"	6290 mm	20'8"
1 Maximum Digging Depth	7000 mm	23'0"	6580 mm	21'7"	6700 mm	22'0"	6290 mm	20'8"
2 Maximum Reach at Ground Line	10 140 mm	33'3"	9740 mm	31'11"	10 220 mm	33'6"	9810 mm	32'2"
3 Maximum Cutting Height	9810 mm	32'2"	9600 mm	31'6"	11 540 mm	37'10"	11 200 mm	36'9"
4 Maximum Loading Height	6220 mm	20'5"	6010 mm	19'9"	8390 mm	27'6"	8050 mm	26'5"
5 Minimum Loading Height	1900 mm	6'3"	2320 mm	7'7"	3250 mm	10'8"	3650 mm	12'0"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6840 mm	22'5"	6400 mm	21'0"	6600 mm	21'8"	6180 mm	20'3"
7 Maximum Vertical Wall Digging Depth	6190 mm	20'4"	5780 mm	19'0"	5330 mm	17'6"	4930 mm	16'2"
Bucket Digging Force (ISO)	141 kN	31,590 lbf	141 kN	31,590 lbf	141 kN	31,590 lbf	141 kN	31,590 lbf
Stick Digging Force (ISO)	107 kN	23,987 lbf	118 kN	26,492 lbf	107 kN	23,983 lbf	118 kN	26,577 lbf
Bucket Type	GD		GD		GD		GD	
Bucket Capacity	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³
Bucket Tip Radius	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Working Ranges – High Drawbar Undercarriage

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



Boom Options

Reach Boom
5.7 m (18'8")

Variable Angle Boom
2.7 (8'10") Stub/3.3 m (10'10") Fore

Stick Options

Reach Sticks

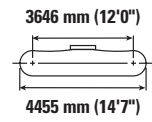
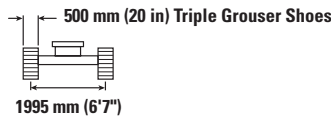
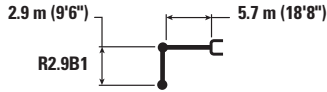
Reach Sticks

	R2.9B1 (9'6")		R2.5B1 (8'2")		R2.9B1 (9'6")		R2.5B1 (8'2")	
	mm	ft/in	mm	ft/in	mm	ft/in	mm	ft/in
1 Maximum Digging Depth	6930	22'9"	6510	21'4"	6630	21'9"	6210	20'4"
2 Maximum Reach at Ground Line	10130	33'3"	9730	31'11"	10210	33'6"	9800	32'2"
3 Maximum Cutting Height	9880	32'5"	9680	31'9"	11610	38'1"	11270	37'0"
4 Maximum Loading Height	6290	20'8"	6090	20'0"	8460	27'9"	8120	26'8"
5 Minimum Loading Height	1970	6'6"	2390	7'10"	3330	10'11"	3720	12'2"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6770	22'3"	6330	20'9"	6530	21'5"	6110	20'1"
7 Maximum Vertical Wall Digging Depth	6120	20'1"	5710	18'9"	5260	17'3"	4860	15'11"
Bucket Digging Force (ISO)	141 kN	31,590 lbf	141 kN	31,590 lbf	141 kN	31,590 lbf	141 kN	31,590 lbf
Stick Digging Force (ISO)	107 kN	23,987 lbf	118 kN	26,492 lbf	107 kN	23,983 lbf	118 kN	26,577 lbf
Bucket Type	GD		GD		GD		GD	
Bucket Capacity	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³	1.43 m ³	1.87 yd ³
Bucket Tip Radius	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"	1574 mm	5'2"

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

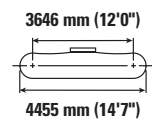
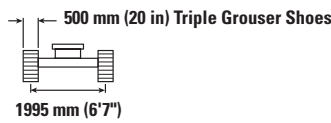
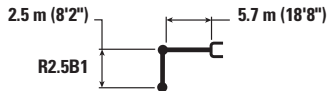
Narrow Undercarriage



Reach Boom	Unit	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	mm in	
7500 mm 300 in	kg lb							*4950 *9,500	*4950 *9,500			*4300 *9,500	*4300 *9,500	6150 240
6000 mm 240 in	kg lb							*5450 *11,950	5050 10,850			*3950 *8,750	3700 8,200	7290 290
4500 mm 180 in	kg lb							*6000 *13,050	4900 10,550	*5650 *12,350	3500 7,500	*3900 *8,550	3150 6,950	7990 320
3000 mm 120 in	kg lb					*8750 *18,800	7000 15,100	*6900 *14,900	4700 10,050	*6000 *13,050	3400 7,300	*4000 *8,750	2900 6,350	8360 330
1500 mm 60 in	kg lb					*10 600 *22,850	6550 14,100	*7800 *16,900	4450 9,600	5950 12,800	3300 7,050	*4250 *9,300	2800 6,100	8450 340
0 mm 0 in	kg lb			*6800 *15,600	*6800 *15,600	*11 600 *25,100	6250 13,500	8100 17,350	4300 9,250	5850 12,600	3200 6,900	*4650 *10,250	2800 6,200	8260 330
-1500 mm -60 in	kg lb	*7250 *16,200	*7250 *16,200	*11 700 *26,550	11 350 24,350	*11 750 *25,400	6200 13,350	8000 17,200	4200 9,100	5800 12,550	3200 6,850	*5500 *12,100	3050 6,700	7780 310
-3000 mm -120 in	kg lb	*12 400 *27,850	*12 400 *27,850	*15 550 *33,700	11 500 24,700	*11 000 *23,750	6250 13,450	8050 17,300	4250 9,150			6550 14,500	3550 7,850	6950 280
-4500 mm -180 in	kg lb			*12 450 *26,600	11 850 25,450	*8950 *19,050	6450 13,900					*6750 *14,850	4850 10,900	5600 220

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

Narrow Undercarriage



Reach Boom	Unit	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	mm in
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,950	5000 10,700			*4750 *10,450	4050 9,050	6830 270
4500 mm 180 in	kg lb			*7400 *16,000	7400 15,900	*6400 *13,900	4850 10,450	*5250 *11,350	3450 7,500	*4650 *10,200	3400 7,500	7570 300
3000 mm 120 in	kg lb			*9350 *20,100	6900 14,850	*7250 *15,650	4650 10,000	6050 13,000	3400 7,250	*4750 *10,450	3100 6,800	7960 320
1500 mm 60 in	kg lb			*11 050 *23,800	6450 13,950	*8100 *17,500	4450 9,550	5950 12,750	3300 7,050	*5050 *11,150	3000 6,550	8050 320
0 mm 0 in	kg lb			*11 800 *25,500	6250 13,500	8100 17,350	4300 9,250	5850 12,600	3200 6,950	5500 12,100	3050 6,650	7860 310
-1500 mm -60 in	kg lb	*12 300 *28,050	11 500 24,600	*11 650 *25,200	6250 13,400	8050 17,250	4250 9,150			6050 13,300	3300 7,250	7350 290
-3000 mm -120 in	kg lb	*14 600 *31,650	11 650 25,050	*10 600 *22,900	6300 13,600	*7850 *16,800	4300 9,300			*7000 *15,450	3950 8,750	6470 260
-4500 mm -180 in	kg lb			*7950 *16,650	6550 14,200					*6900 *15,050	5750 13,000	4980 200



ISO 10567



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

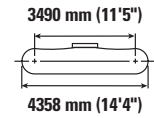
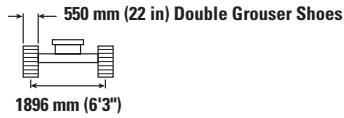
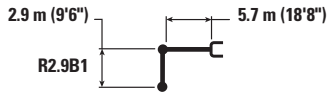
Lift capacity stays with ±5% for all available track shoes.

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

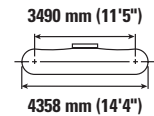
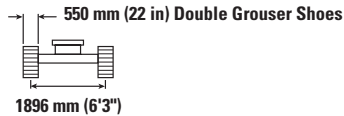
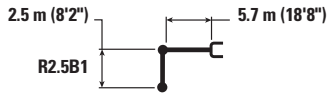
High Drawbar Undercarriage



Reach Boom	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	mm in	
7500 mm 300 in							*5200 *9,500	5100 *9,500			*4250 *9,450	*4250 *9,450	6220 240
6000 mm 240 in							*5450 *11,950	5100 10,900			*3950 *8,750	3700 8,200	7330 290
4500 mm 180 in							*6050 *13,100	4950 10,600	*5650 *12,400	3500 7,550	*3900 *8,550	3150 7,000	8010 320
3000 mm 120 in					*8850 *19,050	7000 15,100	*6950 *15,000	4700 10,150	6000 12,900	3450 7,350	*4000 *8,750	2900 6,400	8370 330
1500 mm 60 in					*10 650 *23,000	6550 14,100	*7850 *17,000	4500 9,650	5900 12,650	3300 7,150	*4250 *9,300	2800 6,200	8440 340
0 mm 0 in			*7000 *16,050	*7000 *16,050	*11 650 *25,200	6300 13,600	7950 17,100	4350 9,300	5800 12,450	3250 6,950	*4700 *10,350	2850 6,300	8240 330
-1500 mm -60 in	*7500 *16,750	*7500 *16,750	*12 000 *27,200	11 350 24,300	*11 700 *25,350	6250 13,400	7900 16,950	4250 9,200	5750 12,400	3200 6,950	5500 12,150	3100 6,800	7750 310
-3000 mm -120 in	*12 700 *28,500	*12 700 *28,500	*15 450 *33,450	11 500 24,700	*10 900 *23,600	6300 13,550	7900 17,050	4300 9,250			6550 14,500	3650 8,050	6900 270
-4500 mm -180 in			*12 200 *26,100	11 800 25,400	*8800 *18,650	6500 14,000					*6750 *14,850	5000 11,250	5510 220

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

High Drawbar Undercarriage



Reach Boom	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	mm in	
7500 mm 300 in									*5150 *11,400	*5150 *11,400	5670 220
6000 mm 240 in					*5900 *13,000	5000 10,750			*4750 *10,450	4050 9,000	6880 270
4500 mm 180 in			*7500 *16,200	7400 15,950	*6400 *13,950	4900 10,500	*5450	3500	*4650 *10,200	3400 7,550	7600 300
3000 mm 120 in			*9450 *20,300	6900 14,900	*7300 *15,750	4650 10,050	6000 12,850	3400 7,300	*4750 *10,450	3100 6,850	7970 320
1500 mm 60 in			*11 100 *23,950	6500 14,000	8100 17,450	4450 9,600	5850 12,650	3300 7,150	*5100 *11,200	3000 6,600	8050 320
0 mm 0 in			*11 800 *25,500	6300 13,550	7950 17,100	4350 9,350	5800 12,500	3250 7,000	5450 12,000	3100 6,750	7840 310
-1500 mm -60 in	*12 700 *28,850	11 450 24,600	*11 600 *25,150	6250 13,500	7900 17,000	4300 9,250			6000 13,250	3350 7,400	7320 290
-3000 mm -120 in	*14 500 *31,350	11 650 25,000	*10 500 *22,700	6350 13,700	*7750 *16,600	4350 9,400			*7000 *15,450	4050 8,950	6410 250
-4500 mm -180 in			*7700 *16,100	6600 14,300					*6850 *15,200	5950 13,650	4890 190



ISO 10567



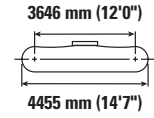
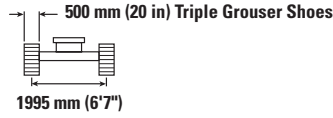
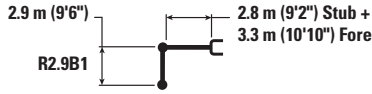
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On Narrow Undercarriage



Boom Length mm in	kg lb	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
9000 mm 360 in	kg lb					*4650 *10,650	*4650 *10,650					*4700 *10,650	*4700 *10,650	4880 190
7500 mm 300 in	kg lb					*6450 *14,100	*6450 *14,100	*3900 *8,550	*3900 *8,550			*3950 *8,700	*3950 *8,700	6620 260
6000 mm 240 in	kg lb					*6600 *14,500	*6600 *14,500	*4700 *8,050	*4700 *8,050	*3700 *8,100	3400 7,250	*3650 *8,000	3250 7,200	7690 300
4500 mm 180 in	kg lb			*10 450 *22,700	*10 450 *22,700	*6600 *14,250	*6600 *14,250	*4650 *9,750	*4650 *9,750	*3600 *7,950	3350 7,150	*3550 *7,750	2750 6,100	8350 330
3000 mm 120 in	kg lb	*17,850	*17,850	*9950 *21,450	*9950 *21,450	*6350 *13,800	*6350 *13,800	*3800 *8,250	*3800 *8,250	*3900 *8,400	3200 6,900	*3600 *7,850	2500 5,550	8710 350
1500 mm 60 in	kg lb			*5750 *12,950	*5750 *12,950	*5550 *12,000	*5550 *12,000	*4300 *9,300	4150 8,950	*4400 *9,200	3050 6,550	*3750 *8,200	2400 5,300	8790 350
0 mm 0 in	kg lb	*6450 *14,000	*6450 *14,000	*5250 *11,450	*5250 *11,450	*7350 *15,850	5800 12,500	*5150 *11,100	3950 8,550	*5000 *10,700	2950 6,350	*4050 *8,950	2450 5,400	8610 340
-1500 mm -60 in	kg lb	*8200 *18,250	*8200 *18,250	*8450 *19,250	*8450 *19,250	*8400 *18,250	5750 12,350	*6500 *14,050	3900 8,400	*4850 *10,350	2900 6,300	*3950 *8,700	2650 5,800	8160 320
-3000 mm -120 in	kg lb	*13 200 *29,550	*13 200 *29,550	*9000 *19,450	*9000 *19,450	*6300 *13,500	5850 12,550	*4950 *10,500	3950 8,500			*3300 *7,250	3100 6,850	7340 290
-4500 mm -180 in	kg lb	*20 700 *45,100	*20 700 *45,100	*9300 *20,000	*9300 *20,000	*5850 *12,700	*5850 *12,700					*4850 *11,000	4850 *11,000	5350 210



ISO 10567



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

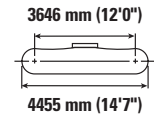
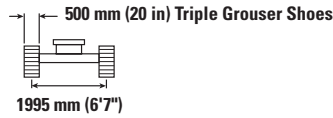
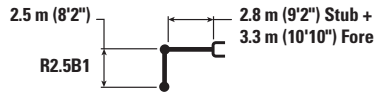
VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On Narrow Undercarriage



		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
													mm	in
9000 mm 360 in	kg lb											*5950 *13,550	*5950 *13,550	4110 150
7500 mm 300 in	kg lb					*6850 *14,750	*6850 *14,750	*4800 *4800	*4800 *4800			*4750 *10,550	*4750 *10,550	6080 240
6000 mm 240 in	kg lb					*6750 *14,550	*6750 *14,550	*4300 *9,400	*4300 *9,400			*4350 *9,600	3550 7,950	7230 290
4500 mm 180 in	kg lb			*10 350 *22,550	*10 350 *22,550	*6550 *14,150	*6550 *14,150	*4200 *9,600	*4200 *9,600	*4350 *9,450	3300 7,050	*4250 *9,300	3000 6,600	7930 310
3000 mm 120 in	kg lb			*9400 *21,200	*9400 *21,200	*5900 *12,700	*5900 *12,700	*4050 *8,800	*4050 *8,800	*4550 *10,100	3200 6,850	*4300 *9,400	2700 5,950	8300 330
1500 mm 60 in	kg lb			*6450 *13,750	*6450 *13,750	*6050 *13,000	6000 12,950	*4600 *10,000	4150 8,900	*5050 *11,000	3050 6,550	*4500 *9,900	2600 5,700	8390 330
0 mm 0 in	kg lb	*9200 *20,050	*9200 *20,050	*6000 *13,350	*6000 *13,350	*8100 *17,300	5800 12,500	*5550 *12,000	4000 8,550	*5500 *11,800	2950 6,400	*4650 *10,200	2650 5,800	8210 330
-1500 mm -60 in	kg lb	*10 350 *22,850	*10 350 *22,850	*9050 *19,300	*9050 *19,300	*7850 *17,050	5800 12,500	*6200 *13,400	3950 8,500	*4450 *9,300	3000 6,400	*4050 *8,900	2900 6,350	7720 310
-3000 mm -120 in	kg lb	*16 200 *36,300	*16 200 *36,300	*9150 *19,800	*9150 *19,800	*5750 *12,350	*5750 *12,350	*4350 *9,100	4000 8,700			*3650 *8,100	3500 7,750	6780 270
-4500 mm -180 in	kg lb	*21 250 *46,800	*21 250 *46,800	*9550 *20,600	*9550 *20,600							*6600 *15,800	*6600 *15,800	4150 160



ISO 10567



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

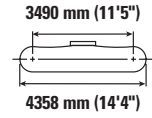
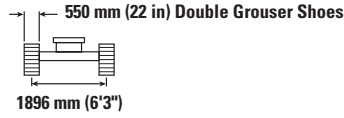
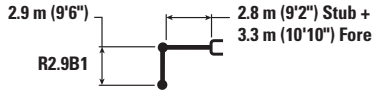
VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On High Drawbar Undercarriage



Boom Length mm in	kg lb	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
9000 mm 360 in	kg lb					*4650 *10,450	*4650 *10,450					*4650 *10,500	*4650 *10,500	4990 190
7500 mm 300 in	kg lb					*6450 *14,150	*6450 *14,150	*3900 *8,550	*3900 *8,550			*3900 *8,650	*3900 *8,650	6680 260
6000 mm 240 in	kg lb					*6650 *14,600	*6650 *14,600	*4700 *8,700	*4700 *8,700	*3650 *8,050	3450 7,300	*3600 *8,000	3250 7,200	7730 310
4500 mm 180 in	kg lb			*10 450 *22,700	*10 450 *22,700	*6550 *14,250	*6550 *14,250	*4600 *9,700	*4600 *9,700	*3650 *8,000	3350 7,200	*3550 *7,750	2800 6,150	8370 330
3000 mm 120 in	kg lb			*9950 *21,450	*9950 *21,450	*6350 *13,700	*6350 *13,700	*3800 *8,300	*3800 *8,300	*3850 *8,300	3250 6,950	*3600 *7,850	2550 5,600	8720 350
1500 mm 60 in	kg lb			*5750 *12,550	*5750 *12,550	*5650 *12,150	*5650 *12,150	*4350 *9,400	4200 9,000	*4400 *9,600	3100 6,600	*3750 *8,250	2450 5,400	8790 350
0 mm 0 in	kg lb	*6400 *13,850	*6400 *13,850	*5150 *11,500	*5150 *11,500	*7500 *16,050	5800 12,550	*5200 *11,200	4000 8,600	*5050 *10,850	3000 6,400	*4100 *9,000	2500 5,450	8600 340
-1500 mm -60 in	kg lb	*8400 *18,550	*8400 *18,550	*8700 *19,800	*8700 *19,800	*8350 *18,050	5750 12,400	*6450 *13,950	3950 8,450	*4800 *10,200	2950 6,350	*3950 *8,600	2700 5,900	8130 320
-3000 mm -120 in	kg lb	*13 500 *30,250	*13 500 *30,250	*8950 *19,400	*8950 *19,400	*6150 *13,250	5850 12,650	*4850 *10,250	4000 8,600			*3350 *7,350	3150 7,000	7270 290
-4500 mm -180 in	kg lb	*20 750 *45,100	*20 750 *45,100	*9300 *20,200	*9300 *20,200	*5850 *12,700	*5850 *12,700					*5000 *11,550	*5000 *11,550	5210 200



ISO 10567



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

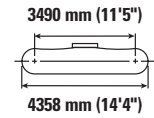
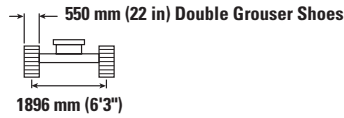
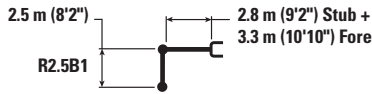
VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On High Drawbar Undercarriage



Boom Length mm in	kg lb	1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		mm in		
9000 mm 360 in	kg lb											*5800 *13,250	*5800 *13,250	4240 160
7500 mm 300 in	kg lb					*6800 *14,700	*6800 *14,700	*4750 *4750	*4750 *4750			*4700 *10,500	4700 *10,500	6150 240
6000 mm 240 in	kg lb			*7400 *16,150	*7400 *16,150	*6750 *14,500	*6750 *14,500	*4300 *9,400	*4300 *9,400			*4350 *9,550	3550 7,900	7270 290
4500 mm 180 in	kg lb			*10 300 *22,350	*10 300 *22,350	*6500 *14,100	*6500 *14,100	*4150 *9,550	*4150 *9,550	*4300 *9,400	3350 7,100	*4250 *9,300	3000 6,650	7950 320
3000 mm 120 in	kg lb			*8750 *20,550	*8750 *20,550	*5750 *12,600	*5750 *12,600	*4050 *8,850	*4050 *8,850	*4500 *10,050	3200 6,900	*4300 *9,450	2750 6,000	8310 330
1500 mm 60 in	kg lb			*6200 *13,900	*6200 *13,900	*6100 *13,150	6000 13,000	*4650 *10,050	4150 8,950	*5050 *11,050	3100 6,650	*4500 *9,950	2650 5,800	8390 330
0 mm 0 in	kg lb	*9200 *20,000	*9200 *20,000	*6050 *13,450	*6050 *13,450	*8200 *17,600	5850 12,550	*5600 *12,100	4000 8,650	*5450 *11,750	3000 6,450	*4600 *10,150	2700 5,900	8190 330
-1500 mm -60 in	kg lb	*10 600 *23,400	*10 600 *23,400	*8950 *19,400	*8950 *19,400	*7750 *16,850	5850 12,550	*6150 *13,250	3950 8,550	*4350 *9,050	3000 6,500	*4050 *8,800	2950 6,450	7690 310
-3000 mm -120 in	kg lb	*16 600 *37,200	*16 600 *37,200	*9100 *19,750	*9100 *19,750	*5750 *12,400	*5750 *12,400	*4200 *9,050	4050 8,800			*3750 *8,300	3600 7,950	6700 270
-4500 mm -180 in	kg lb			*9550 *20,850	*9550 *20,850							*7350 *18,300	*7350 *18,300	3820 140



ISO 10567



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

VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Narrow Undercarriage				High Drawbar Undercarriage				
		mm	in	m ³	yd ³	kg	lb		%	4.55 mt (10,031 lb) Counterweight							
										Reach Boom		VA Boom		Reach Boom		VA Boom	
									R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	
Pin-On (No Quick Coupler)																	
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	1300	51	1.30	1.70	835	1,841	100	⊖	⊖	○	◇	⊖	⊖	○	◇	
General Duty	B	600	24	0.46	0.60	550	1,212	100	●	●	●	●	●	●	●	●	●
	B	750	30	0.64	0.84	621	1,368	100	●	●	●	●	●	●	●	●	●
	B	1000	39	0.93	1.22	717	1,580	100	●	●	⊙	⊖	●	●	⊙	⊖	
	B	1200	48	1.19	1.56	807	1,778	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	●	⊙	⊖	○	●	●	⊖	⊖	
	B	1200	48	1.20	1.57	1011	2,229	90	⊙	⊖	○	◇	⊙	⊖	○	○	
Ditch Cleaning	B	2000	78	1.22	1.60	869	1,916	100	⊙	⊖	○	◇	⊙	⊖	○	○	
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1096	2,417	100	⊖	○	◇	◇	⊖	○	◇	◇	
Maximum load with pin-in (payload + bucket)									kg	2960	2730	2415	2225	3035	2800	2485	2290
									lb	6,526	6,019	5,324	4,905	6,691	6,173	5,478	5,049

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 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 Narrow, High Drawbar Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill	Narrow Undercarriage				High Drawbar Undercarriage				
		mm	in	m ³	yd ³	kg	lb		%	4.55 mt (10,031 lb) Counterweight							
										Reach Boom		VA Boom		Reach Boom		VA Boom	
									R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	
With Cat Pin Grabber Coupler																	
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	1300	51	1.30	1.70	835	1,841	100	○	◇	◇	X	○	○	◇	X	
	B	1400	55	1.43	1.87	879	1,937	100	○	◇	X	X	○	◇	X	X	
General Duty	B	600	24	0.46	0.60	550	1,212	100	●	●	●	●	●	●	●	●	
	B	750	30	0.64	0.84	621	1,368	100	●	●	●	⊙	●	●	●	⊙	
	B	1000	39	0.93	1.22	717	1,580	100	⊙	⊙	○	○	●	⊙	⊖	○	
	B	1200	48	1.19	1.56	807	1,778	100	⊖	○	◇	X	⊖	○	◇	◇	
	B	1400	55	1.43	1.87	874	1,926	100	○	◇	X	X	○	◇	X	X	
	B	1500	60	1.58	2.06	914	2,014	100	◇	◇	X	X	◇	◇	X	X	
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	⊖	○	◇	◇	⊙	⊖	○	◇	
	B	1200	48	1.19	1.56	917	2,022	100	○	○	◇	X	○	○	◇	X	
	B	1300	52	1.30	1.70	974	2,148	100	○	◇	X	X	○	◇	X	X	
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	⊙	⊖	○	◇	⊙	⊖	○	◇	
	B	1200	48	1.20	1.57	1011	2,229	90	○	○	◇	X	⊖	○	◇	X	
Ditch Cleaning	B	2000	78	1.22	1.60	869	1,916	100	○	○	◇	X	⊖	○	◇	X	
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1096	2,417	100	○	◇	X	X	○	◇	X	X	
Maximum load with coupler (payload + bucket)									kg	2538	2308	1993	1803	2613	2378	2063	1868
									lb	5,596	5,089	4,395	3,976	5,761	5,243	4,549	4,119

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 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 Narrow, High Drawbar Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill	Narrow Undercarriage				High Drawbar Undercarriage				
		mm	in	m ³	yd ³	kg	lb		%	4.55 mt (10,031 lb) Counterweight							
										Reach Boom		VA Boom		Reach Boom		VA Boom	
										R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")
With CW-40 Quick Coupler																	
General Duty	B	900	36	0.81	1.06	664	1,463	100	●	●	⊙	⊖	●	●	⊙	⊖	
	B	1050	42	1.00	1.31	711	1,567	100	●	⊙	⊖	○	●	⊙	⊖	○	
	B	1200	48	1.19	1.56	781	1,721	100	⊖	⊖	○	◇	⊖	⊖	○	◇	
	B	1300	51	1.30	1.70	813	1,791	100	⊖	○	◇	◇	⊖	○	◇	◇	
	B	1400	55	1.43	1.87	863	1,903	100	○	◇	◇	X	○	○	◇	X	
General Duty with Leveling Edge	B	650	26	0.70	0.92	567	1,249	100	●	●	●	●	●	●	●	●	
	B	800	31	0.68	0.89	614	1,353	100	●	●	●	●	●	●	●	●	
	B	1200	47	1.19	1.56	787	1,734	100	⊖	○	○	◇	⊖	⊖	○	◇	
	B	1400	55	1.43	1.87	855	1,884	100	○	◇	◇	X	○	○	◇	X	
	B	1500	60	1.58	2.06	895	1,972	100	○	◇	X	X	○	◇	X	X	
Heavy Duty	B	600	24	0.46	0.61	618	1,363	100	●	●	●	●	●	●	●	●	
	B	1200	48	1.19	1.56	886	1,953	100	⊖	○	◇	◇	⊖	○	◇	◇	
Ditch Cleaning	B	2100	83	1.29	1.69	792	1,746	100	⊖	○	◇	◇	⊖	○	◇	◇	
	B	2100	83	1.46	1.91	809	1,784	100	○	○	◇	X	○	○	◇	X	
	B	1800	72	1.50	1.96	775	1,709	100	○	◇	◇	X	○	○	◇	X	
	B	1800	72	1.50	1.96	737	1,624	100	○	○	◇	X	○	○	◇	◇	
	B	2100	83	1.76	2.31	864	1,905	100	◇	◇	X	X	◇	◇	X	X	
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1161	2,560	100	○	◇	X	X	○	◇	◇	X	
Maximum load with coupler (payload + bucket)								kg	2710	2480	2165	1975	2785	2550	2235	2040	
								lb	5,975	5,467	4,773	4,354	6,140	5,622	4,927	4,497	
With CW-40S Quick Coupler																	
General Duty	B	600	24	0.46	0.61	508	1,119	100	●	●	●	●	●	●	●	●	
	B	750	30	0.64	0.84	592	1,305	100	●	●	●	●	●	●	●	●	
	B	900	36	0.81	1.06	661	1,457	100	●	●	⊙	⊖	●	●	⊙	⊙	
	B	1300	51	1.30	1.70	810	1,785	100	⊖	○	◇	◇	⊖	○	◇	◇	
	B	1400	55	1.43	1.87	845	1,862	100	○	○	◇	X	○	○	◇	X	
Heavy Duty	B	600	24	0.46	0.61	585	1,289	100	●	●	●	●	●	●	●	●	
	B	1200	48	1.19	1.56	875	1,928	100	⊖	○	◇	◇	⊖	⊖	○	◇	
Ditch Cleaning	B	2000	78	1.22	1.60	815	1,797	100	⊖	○	◇	◇	⊖	⊖	○	◇	
	B	2200	87	1.36	1.78	880	1,940	100	○	○	◇	X	○	○	◇	◇	
Ditch Cleaning Tilt	B	2000	79	1.23	1.61	1142	2,518	100	○	◇	X	X	○	○	◇	X	
Maximum load with coupler (payload + bucket)								kg	2728	2502	2186	1996	2807	2577	2256	2063	
								lb	6,014	5,516	4,819	4,401	6,188	5,681	4,973	4,548	

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

● 2100 kg/m³ (3,500 lb/yd³)

⊙ 1800 kg/m³ (3,000 lb/yd³)

⊖ 1500 kg/m³ (2,500 lb/yd³)

○ 1200 kg/m³ (2,000 lb/yd³)

◇ 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 Narrow, High Drawbar Hydraulic Excavator Specifications

Attachments Offering Guide

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> * Working range front only	<input type="checkbox"/> † Allowed usage on machine less than 50%	<input type="checkbox"/> No Match	<input checked="" type="checkbox"/> 1800 kg/m ³ (3,000 lb/yd ³)	<input type="checkbox"/> 1200 kg/m ³ (2,000 lb/yd ³)
---	---	---	-----------------------------------	--	---

PIN-ON ATTACHMENTS

Undercarriage		Narrow and High Drawbar			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	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	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓*	
Mobile Scrap and Demolition Shears	S3025	✓	✓	✓	✓*
	S3025 Flat Top	✓	✓	✓*	
Pulverizers	P215	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●
	GSH420-600	●	●	●	●
	GSH420-750	●	●	●	○
	GSH425-750	○	○	○	
	GSH425-950	○			
	GSH520-500	●	●	●	●
	GSH520-600	●	●	●	○
	GSH520-750	●	○	○	○
	GSH525-750	○			
	GSV520-400	●	●	●	●
	GSV520-500	●	●	●	●
	GSV520-600	●	●	●	●
	GSV520-750	●	●	○	○
	GSV525-600	●	○	○	
	GSV525-750	○	○		
	Hydraulic Transfer Grab	CTV15-1000	○	○	○
CTV15-1200		○			

(continued on next page)

323 Narrow, High Drawbar 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

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC S	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†
	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	G317 GC	✓	✓	✓	✓*
	G318	✓	✓*		
	G318 WH-800	✓	✓	✓*	
	G318 WH-1100	✓*			
Mobile Scrap and Demolition Shears	S3025	✓*			
Pulverizers	P215	✓	✓	✓	✓*
Crushers	P315	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (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	✓	✓	✓*	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓*
	G318 WH-800	✓	✓	✓	✓*
	G318 WH-1100	✓	✓*		
Mobile Scrap and Demolition Shears	S3025	✓	✓*		
	S3025 Flat Top	✓*			
Pulverizers	P215	✓	✓	✓	✓
Crushers	P315	✓	✓	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

323 Narrow, High Drawbar 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

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 GC S	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†
	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	G317 GC	✓	✓	✓	✓
	G317 GC Fixed CAN	✓	✓	✓	✓
	G318	✓	✓	✓	✓*
	G318 Fixed CAN	✓	✓	✓	✓*
	G318 WH-800	✓	✓	✓	✓*
	G318 WH-1100	✓	✓*		
Mobile Scrap and Demolition Shears	S3025	✓*			
	S3025 Flat Top	✓*			
Pulverizers	P215	✓	✓	✓	✓
Crushers	P315	✓	✓	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

323 Narrow, High Drawbar 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

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (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	✓	✓	✓*	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓*
	G318	✓	✓	✓*	
	G318 WH-800	✓	✓	✓*	
	G318 WH-1100	✓*			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓*			
Pulverizers	P215	✓	✓	✓	✓*
Crushers	P315	✓	✓	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

HCS70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 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	G317 GC	✓	✓	✓*	
	G318	✓	✓*		
	G318 WH-800	✓	✓	✓*	
	G318 WH-1100	✓*			
Pulverizers	P215	✓	✓	✓*	
Crushers	P315	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

323 Narrow, High Drawbar 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

HCS70/55 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H120 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	G317 GC	✓	✓	✓*	
	G318	✓	✓*		
	G318 WH-800	✓	✓*		
Pulverizers	P215	✓	✓	✓*	
Crushers	P315	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

TRS18-CW-30S COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓
	H120 GC S	✓†	✓†*		
	H120 S	✓†	✓†	✓†*	
Demolition and Sorting Grapples	G217 GC	✓	✓	✓*	
	G217 GC Fixed CAN	✓	✓	✓	✓*
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓

(continued on next page)

323 Narrow, High Drawbar 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

TRS18-CW-30 COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓
	H120 GC S	✓†	✓†*		
	H120 S	✓†	✓†	✓†*	
Demolition and Sorting Grapples	G217 GC	✓	✓	✓*	
	G217 GC Fixed CAN	✓	✓	✓	✓*
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓

TRS18-S70 COUPLER ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Stick Length		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓
	H120 GC S	✓†	✓†		
	H120 S	✓†	✓†	✓†*	
Demolition and Sorting Grapples	G217 GC	✓	✓	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓

BOOM-MOUNT ATTACHMENTS

Undercarriage		Long Narrow			
Counterweight		4.5 mt (10,031 lb)			
Boom Type		Reach		VA	
Mobile Scrap and Demolition Shears	S2050	✓		✓*	
	S3035	✓		✓	

323 Narrow, High Drawbar Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
ENGINE			UNDERCARRIAGE AND STRUCTURES		
Three selectable modes	✓		Tie-down points on base frame (ISO 15818 compliant)	✓	
Automatic engine speed control	✓		Segmented track guiding guards	✓	
Automatic engine idle shutdown	✓		Full-length track guiding guards for Narrow undercarriage		✓
4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓		HD bottom guard	✓	
52° C (125° F) high-ambient cooling capacity with derate	✓		Swivel guard	✓	
-18° C (0° F) cold start capability	✓		Narrow undercarriage with base frame, rollers, final drive	✓	
-32° C (-25° F) cold start capability		✓	High Drawbar undercarriage with base frame, rollers, final drive		✓
145 Amp alternator	✓		Grease lubricated track	✓	
Electric fuel priming pump	✓		4.55 mt (10,031 lb) counterweight	✓	
Reversible electric cooling fans	✓		500 mm (20 in) triple grouser track shoes for Narrow undercarriage	✓	
Two-stage fuel filtration system with water separator and indicator	✓		550 mm (22 in) double grouser track shoes for High Drawbar undercarriage		✓
Sealed double element air filter with integrated precleaner	✓		BOOMS, STICKS AND LINKAGES		
Biodiesel capable up to B20	✓		5.7 m (18'8") Reach boom	✓	
HYDRAULIC SYSTEM			Variable Angle boom (2.7 m/8'10" stub + 3.3 m/10'10" fore)		✓
Electronic main control valve	✓		2.5 m (8'2") Reach stick, B1 linkage		✓
Heavy lift mode	✓		2.9 m (9'6") Reach stick, B1 linkage	✓	
Electric boom regeneration circuit	✓		ELECTRICAL SYSTEM		
Stick regeneration circuit	✓		1,000 CCA maintenance-free batteries (×2)	✓	
Automatic hydraulic oil warm up	✓		Programmable time-delay LED working lights	✓	
Automatic two-speed travel	✓		LED chassis light, left-hand/right-hand boom lights, cab lights	✓	
Boom and stick drift reduction valve	✓		Premium lighting package		✓
Medium-pressure circuit	✓		Centralized electrical disconnect switch	✓	
Quick coupler circuit	✓		Programmable time delay LED working lights: one chassis mounted, one left-hand boom mounted	✓	
Tandem type electronic main pump	✓				
Element type main hydraulic filter	✓				
Common quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓			

(continued on next page)

323 Narrow, High Drawbar 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
CAT TECHNOLOGY			SERVICE AND MAINTENANCE		
Cat Product Link™	✓		Side entry to service platform	✓	
Work tool recognition	✓		Grouped location for engine oil and fuel filters	✓	
Work tool tracking*	✓		Ground-level 2nd dipstick for engine oil	✓	
Laser catcher		✓	Scheduled Oil Sampling (S·O·S) ports	✓	
Cat GRADE with 2D and offset memory	✓		SAFETY AND SECURITY		
Cat GRADE with Advanced 2D		✓	Rear and right-hand-sideview cameras	✓	
Cat GRADE with 3D connectivity:		✓	360° visibility		✓
– Virtual Reference Station**			Cab mirror for right-hand side track edge		✓
– Internet Base Service Station**			Right-hand handrail and handhold (ISO 2867 compliant)	✓	
– Trimble Connected Community**			Signaling/warning horn	✓	
Cat Assist:	✓		Service platform with anti-skid plate and countersunk bolts	✓	
– Grade Assist			Hydraulic lock out lever neutralizes all controls	✓	
– Boom Assist			Ground-level engine shutoff switch	✓	
– Bucket Assist					
– Swing Assist					
– Lift Assist					
Cat PAYLOAD:	✓				
– Static weigh					
– Semiautomatic calibration					
– Payload/cycle information					
– USB reporting capability					
2D E-Fence:	✓				
– E-ceiling					
– E-floor					
– E-swing					
– E-wall					
– E-cab avoidance					
Auto hammer stop	✓				
Remote Services capability	✓				
Auto Dig Boost	✓				

*Paired with PL161 attachment locator.

**Subscription required.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Right-hand electrical pedal (two-way) for tool control
- Radial lower wiper windshield (for comfort and deluxe cab only)
- Dual exit rear window kit (Canadian regulation)
- Rain protector plus cab light cover
- Polycarbonate roof hatch (for comfort cab only)
- Front windshield laminated glass (P5A glass, EU demolition regulation)

SAFETY AND SECURITY

- 75 mm (3") retractable seat belt

SERVICE AND MAINTENANCE

- Grease gun holder

GUARDS

- HD swivel guard
- Side rubber bumper guard
- 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

ELECTRICAL

- Jump start wiring

323 Narrow, High Drawbar Cab Options

Cab Options

	Deluxe	Premium
ROPS, standard sound suppression	●	X
ROPS, advanced sound suppression	X	●
High-resolution 254 mm (10 in) LCD touchscreen monitor	●	●
Automatic bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
Heated seat with air-adjustable suspension	●	X
Heated and cooled seat with automatic adjustable suspension	X	●
Height-adjustable console, infinite with no tool	●	●
Tilt-up left-side console	●	●
51 mm (2 in) orange seat belt	●	●
Bluetooth integrated radio with USB, auxiliary port and microphone	●	●
12V DC outlets	●	●
Document storage	●	●
Rear head storage net and lunchbox storage net	●	●
Cup and bottle holders	●	●
One-piece windshield (with fixed glass skylight)	X	○
Openable two-piece front window	●	○
Upper radial wiper with washer	●	X
Parallel wiper with washer	X	●
Openable polycarbonate skylight hatch	●	○
Fixed glass skylight (with one piece windshield)	X	○
LED dome light	●	●
Floor welcome light	●	●
Roller front sunscreen	●	●
Roller rear sunscreen	○	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●

- Standard
- Optional
- X Not available

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

© 2020 Caterpillar
All rights reserved

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

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

VisionLink is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.

AEXQ2216-04 (10-2020)
Replaces AEXQ2216-03
Build Number: 07D
(Europe)

