



323

Hydraulic Excavator

Technical Specifications

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

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323 Narrow, High Drawbar Hydraulic Excavators Specialty Configurations

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323 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C7.1	
Net Power		
ISO 9249	128.5 kW	172 hp
ISO 9249 (DIN)	175 hp (metric)	
Engine Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (DIN)	176 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³
Biodiesel capability	Up to B20 ⁽¹⁾	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.

⁽¹⁾Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:

- ✓ 20% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

*Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg of refrigerant, which has a CO₂ equivalent of 1.216 metric tonnes.

Swing Mechanism

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

Weights

Operating Weight	24 200 kg	53,400 lb
------------------	-----------	-----------

- Long undercarriage, Reach boom, R2.9 (9'6") Reach stick, HD 1.38 m³ (1.81 yd³) bucket, and 600 mm (24 in) HD triple grouser track shoes and 5.4 mt (11,900 lb) counterweight.

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 – Heavy Lift Mode/Auto Dig Boost	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	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
Diesel Exhaust Fluid (DEF) Tank	41 L	10.8 gal

323 Hydraulic Excavator Specifications

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

Operating Weights and Ground Pressures

Base Machine Configurations	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
Base Frame with Track Rollers and Carrier Rollers								
5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine								
Reach Boom + R2.9 (9'6") Stick	24 200 kg	50.3 kPa	24 600 kg	43.9 kPa	24 900 kg	39.3 kPa	25 300 kg	35.1 kPa
+ 1.38 m ³ (1.81 yd ³) HD Bucket	(53,400 lb)	(7.3 psi)	(54,200 lb)	(6.4 psi)	(54,900 lb)	(5.7 psi)	(55,800 lb)	(5.1 psi)

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

323 Hydraulic Excavator Specifications

Major Component Weights

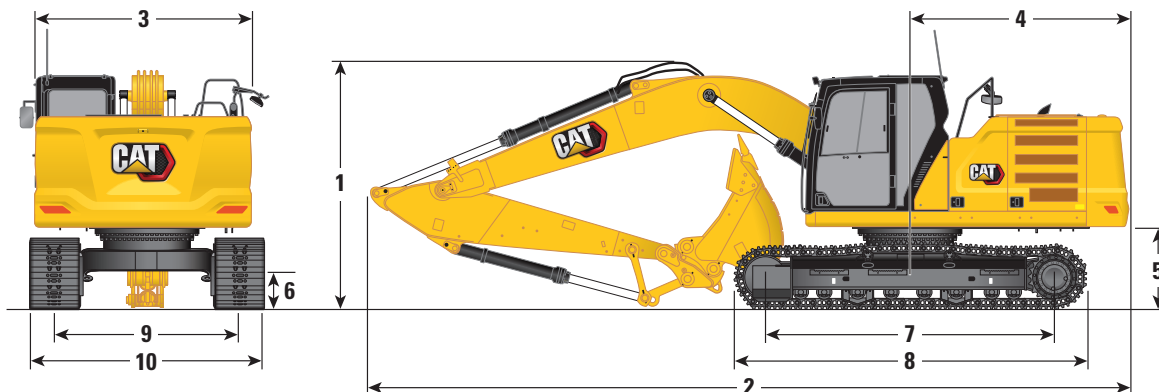
	kg	lb
Base Machine (with 5.4 mt [11,900 lb] counterweight, HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator)	16 700	36,800
Base Machine (with 4.2 mt [9,300 lb] counterweight, 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	3800	8,400
900 mm (35 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes with Step Extension	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
Undercarriages:		
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.

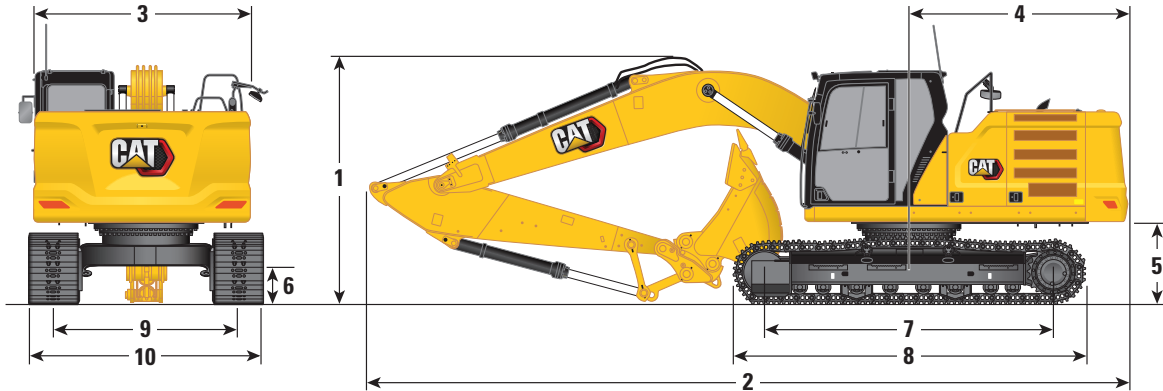


Boom Options	Reach Boom 5.7 m (18'8")				Variable Angle Boom 2.8 m (9'2") Stub/3.3 m (10'10") Fore			
Stick Options	Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")		Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")	
1 Machine Height:								
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 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"
Handrail 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	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

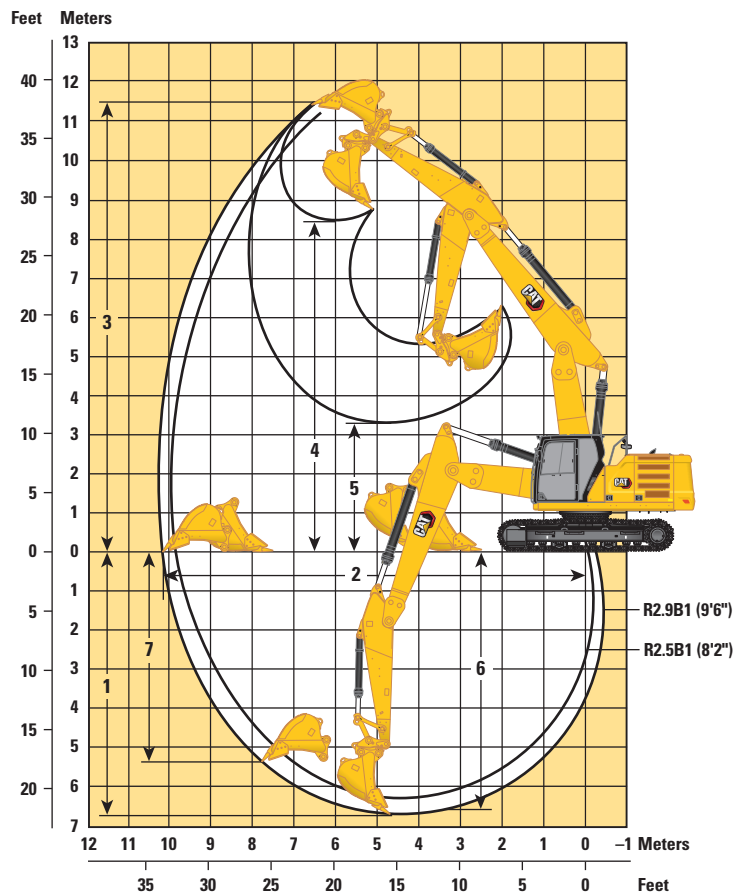
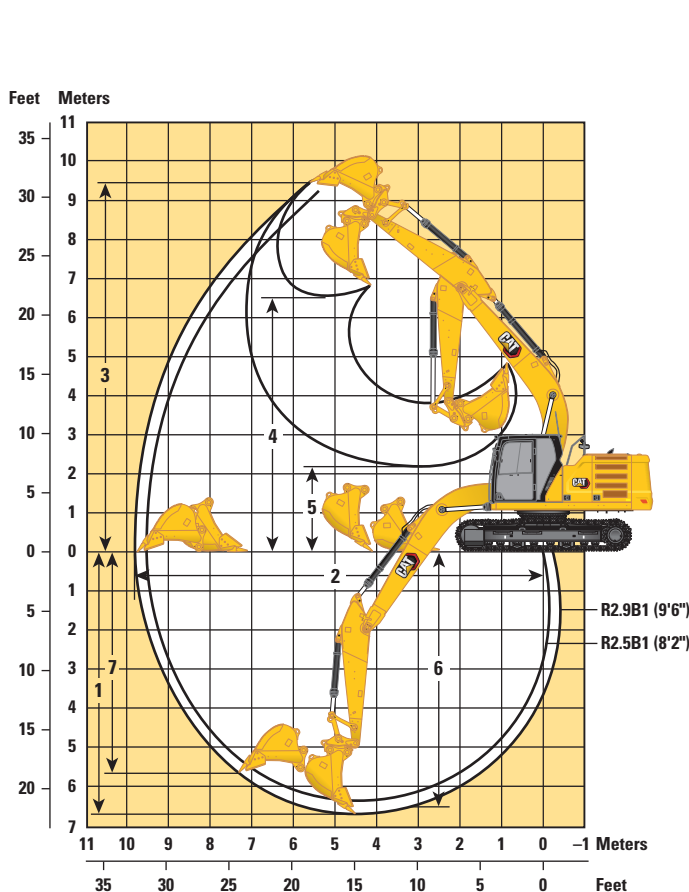
6.28A (20'7") **SLR Stick** **6.28A (20'7")**

	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"
Handrail 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	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

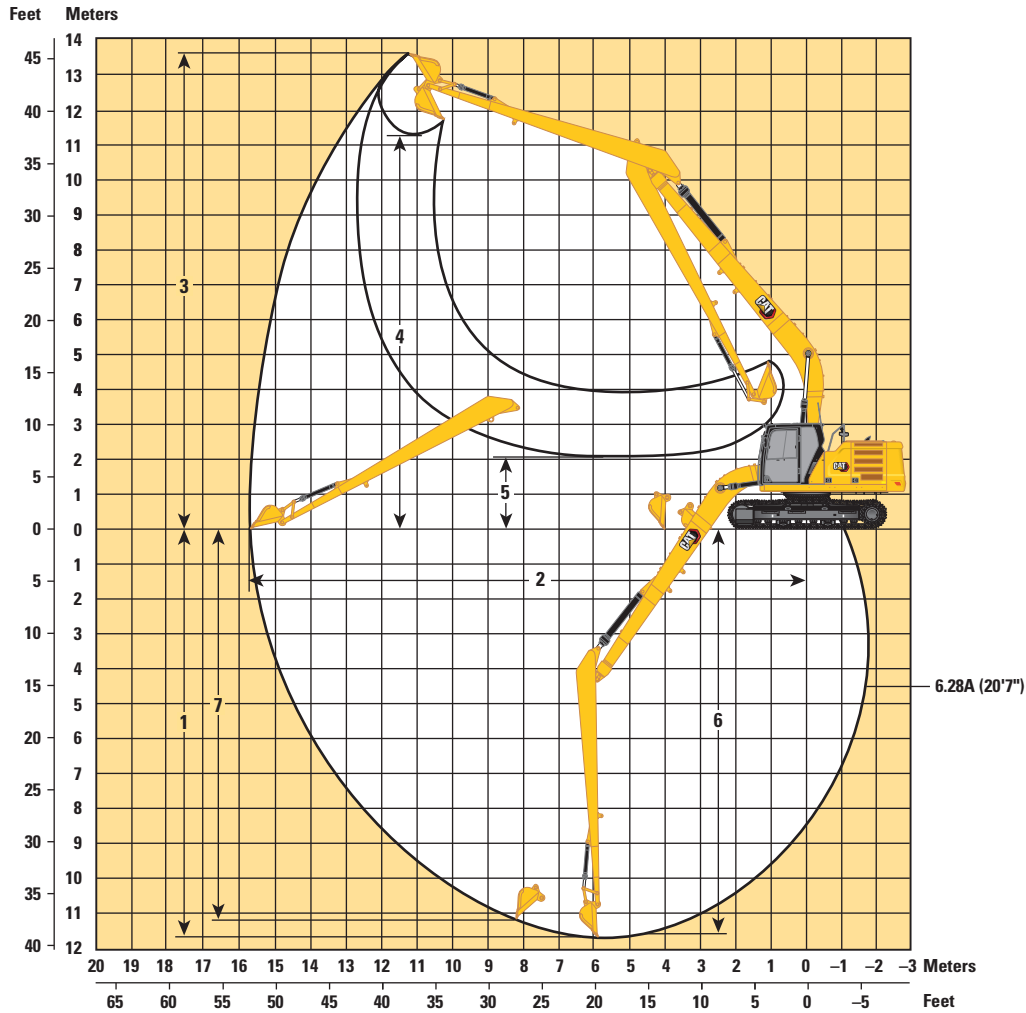
Stick Options	R2.9B1 (9'6")		R2.5B1 (8'2")		R2.9B1 (9'6")		R2.5B1 (8'2")	
	GD	GD	GD	GD	GD	GD	GD	GD
1 Maximum Digging Depth	6730 mm	22'0"	6310 mm	20'8"	6700 mm	21'11"	6290 mm	20'7"
2 Maximum Reach at Ground Line	9870 mm	32'4"	9470 mm	31'0"	10 220 mm	33'6"	9820 mm	32'2"
3 Maximum Cutting Height	9450 mm	31'1"	9250 mm	30'4"	11 540 mm	37'10"	11 200 mm	36'8"
4 Maximum Loading Height	6480 mm	21'3"	6280 mm	20'7"	8380 mm	27'5"	8040 mm	26'4"
5 Minimum Loading Height	2160 mm	7'1"	2580 mm	8'5"	3250 mm	10'7"	3650 mm	11'11"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6560 mm	21'6"	6120 mm	20'0"	6610 mm	21'8"	6190 mm	20'3"
7 Maximum Vertical Wall Digging Depth	5740 mm	18'10"	5340 mm	17'6"	5380 mm	17'7"	4980 mm	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"

*8.5% Auto Dig Boost pressure not included.

323 Hydraulic Excavator Specifications

Working Ranges

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



Boom Option

SLR Boom
8.85 m (29'0")

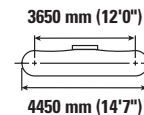
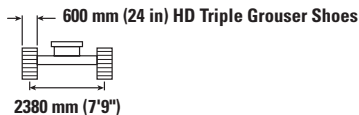
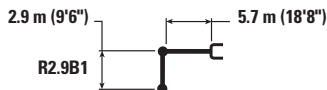
Stick Options

SLR Stick
6.28A (20'7")

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"

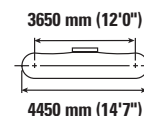
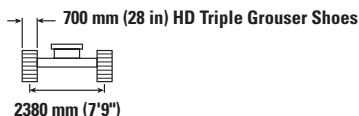
323 Hydraulic Excavator Specifications

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



		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	5450 11,700	*5650 *12,350	3850 8,250	*3900 *8,600	3500 7,700	7990 320
3000 mm 120 in	kg lb					*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	kg lb					*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	kg lb			*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



		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	5500 11,900	*5650 *12,350	3900 8,400	*3900 *8,600	3550 7,800	7990 320
3000 mm 120 in	kg lb					*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	kg lb					*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	kg lb			*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



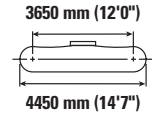
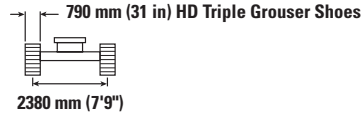
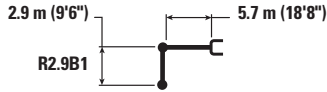
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Lift capacity stays with ±5% for all available track shoes.

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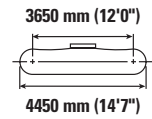
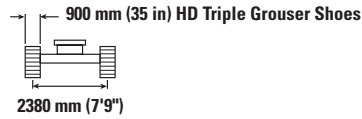
323 Hydraulic Excavator Specifications

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



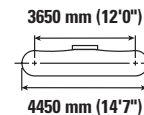
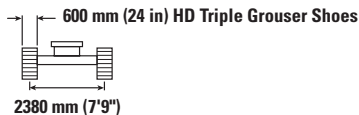
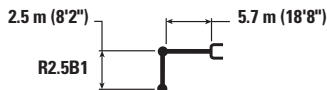
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Lift capacity stays with ±5% for all available track shoes.

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

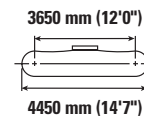
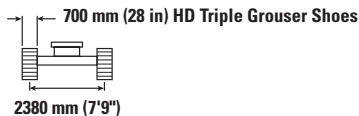
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 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



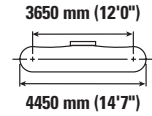
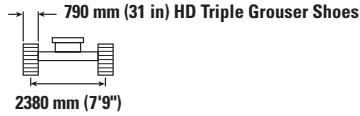
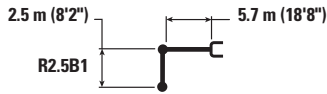
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Lift capacity stays with ±5% for all available track shoes.

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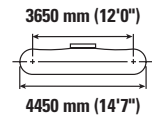
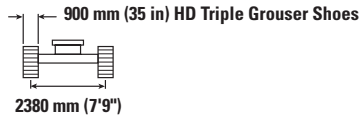
323 Hydraulic Excavator Specifications

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



Reach Boom Diagram	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		Reach Boom 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	5650 12,150				*4750 *10,500	4600 10,250	6830 270
4500 mm 180 in			*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			*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			*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			*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 Boom Diagram	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		Reach Boom 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	5750 12,300				*4750 *10,500	4650 10,350	6830 270
4500 mm 180 in			*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			*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			*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			*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



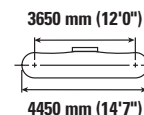
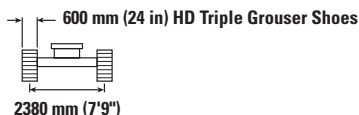
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Lift capacity stays with ±5% for all available track shoes.

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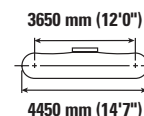
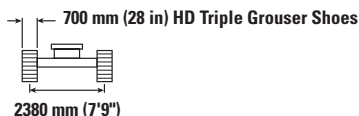
323 Hydraulic Excavator Specifications

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



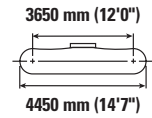
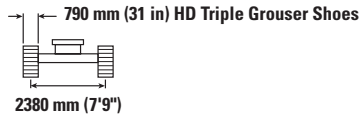
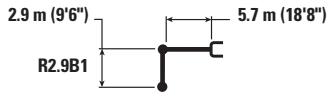
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Lift capacity stays with ±5% for all available track shoes.

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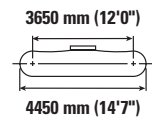
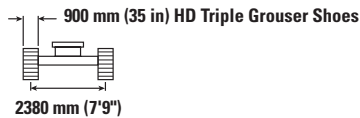
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 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	*6000 *13,000	*5650 *12,350	4600 9,850	*3900 *8,600	*3900 *8,600	7990 320	
3000 mm 120 in					*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					*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			*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



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	*6000 *13,000	*5650 *12,350	4650 10,000	*3900 *8,600	*3900 *8,600	7990 320	
3000 mm 120 in					*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					*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			*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



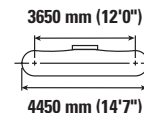
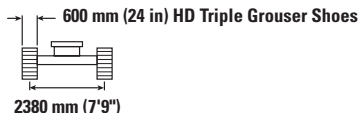
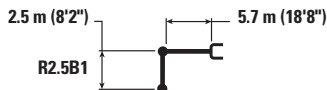
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

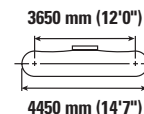
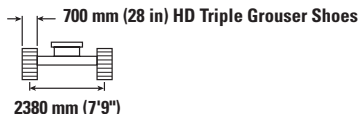
323 Hydraulic Excavator Specifications













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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	*5900 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in	kg lb			*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	kg lb			*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	kg lb			*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	kg lb			*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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
7500 mm 300 in	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	*5900 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in	kg lb			*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	kg lb			*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	kg lb			*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	kg lb			*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



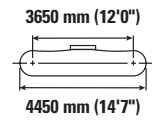
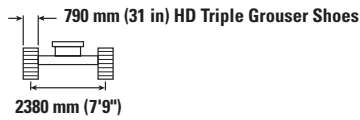
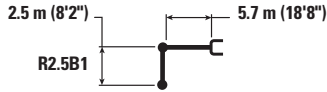
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

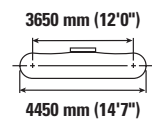
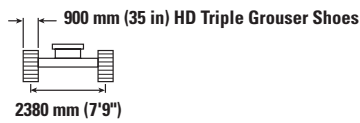
323 Hydraulic Excavator Specifications

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



Reach Boom Lift Capacity 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	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb				*5900 *12,900	*5900 *12,900				*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in	kg lb			*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	kg lb			*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	kg lb			*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	kg lb			*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 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	kg lb									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in	kg lb					*5900 *12,900	*5900 *12,900			*4750 *10,500	*4750 *10,500	6830 270
4500 mm 180 in	kg lb			*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	kg lb			*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	kg lb			*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	kg lb			*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



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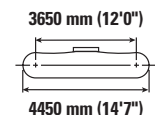
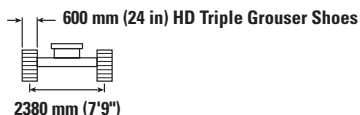
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










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

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

323 Hydraulic Excavator Specifications

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



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
												
9000 mm 360 in	kg lb			*6400 *12,450	*6400 *12,450					*5150 *11,650	*5150 *11,650	4880 190
7500 mm 300 in	kg lb			*7050 *15,550	*7050 *15,550	*6300 *13,050	*6300 *13,050			*4300 *9,600	*4300 *9,600	6620 260
6000 mm 240 in	kg lb			*7250 *15,950	*7250 *15,950	*7200 *15,650	6400 13,700	*5050 *8,950	4400 *8,950	*4000 *8,800	*4000 *8,800	7690 300
4500 mm 180 in	kg lb	*13 100 *25,650	*13 100 *25,650	*9500 *20,550	*9500 *20,550	*7550 *16,400	6150 13,250	*6100 *13,250	4350 9,350	*3900 *8,600	3650 8,050	8350 330
3000 mm 120 in	kg lb			*10 700 *23,100	8800 19,000	*8050 *17,400	5850 12,550	*6350 *13,700	4200 9,050	*3950 *8,650	3350 7,350	8710 350
1500 mm 60 in	kg lb			*11 300 *24,450	8150 17,600	*8300 *18,000	5500 11,850	6300 13,550	4050 8,700	*4150 *9,100	3250 7,100	8790 350
0 mm 0 in	kg lb			*10 800 *23,400	7850 16,900	*8100 *17,550	5300 11,400	6200 13,300	3950 8,450	*4500 *9,850	3300 7,200	8610 340
-1500 mm -60 in	kg lb	*9250 *21,000	*9250 *21,000	*9350 *20,300	7800 16,750	*7250 *15,650	5200 11,250	*5450 *11,550	3900 8,400	*4450 *9,750	3550 7,750	8160 320
-3000 mm -120 in	kg lb			*7050 *15,150	*7050 *15,150	*5550 *11,800	5250 11,350			*3700 *8,250	*3700 *8,250	7300 290



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* 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.

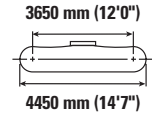
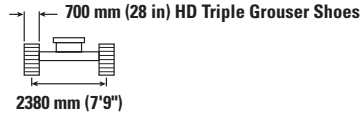
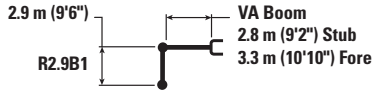
Max Length of VAB.













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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
9000 mm 360 in	kg lb		*6400 *12,450	*6400 *12,450					*5150 *11,650	*5150 *11,650	4880 190	
7500 mm 300 in	kg lb		*7050 *15,550	*7050 *15,550	*6300 *13,050	*6300 *13,050			*4300 *9,600	*4300 *9,600	6620 260	
6000 mm 240 in	kg lb		*7250 *15,950	*7250 *15,950	*7200 *15,650	6450 13,900	*5050 *8,950	4450 *8,950	*4000 *8,800	*4000 *8,800	7690 300	
4500 mm 180 in	kg lb	*13 100 *25,650	*13 100 *25,650	*9500 *20,550	*9500 *20,550	*7550 *16,400	6250 13,400	*6100 *13,250	4400 9,450	*3900 *8,600	3700 8,150	8350 330
3000 mm 120 in	kg lb		*10 700 *23,100	8950 19,250	*8050 *17,400	5900 12,750	*6350 *13,700	4250 9,150	*3950 *8,650	3400 7,450	8710 350	
1500 mm 60 in	kg lb		*11 300 *24,450	8300 17,850	*8300 *18,000	5600 12,050	6400 13,800	4100 8,850	*4150 *9,100	3300 7,200	8790 350	
0 mm 0 in	kg lb		*10 800 *23,400	7950 17,150	*8100 *17,550	5400 11,600	*6250 *13,500	4000 8,600	*4500 *9,850	3350 7,300	8610 340	
-1500 mm -60 in	kg lb	*9250 *21,000	*9250 *21,000	*9350 *20,300	7900 17,000	*7250 *15,650	5300 11,400	*5450 *11,550	3950 8,550	*4450 *9,750	3600 7,900	8160 320
-3000 mm -120 in	kg lb		*7050 *15,150	*7050 *15,150	*5550 *11,800	5350 11,550			*3700 *8,250	*3700 *8,250	7300 290	



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.

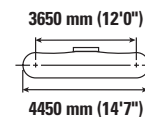
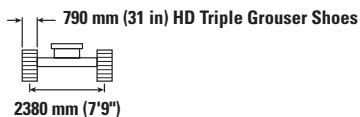
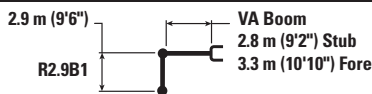
Max Length of VAB.












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



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
												
9000 mm 360 in	kg lb			*6400 *12,450	*6400 *12,450					*5150 *11,650	*5150 *11,650	4880 190
7500 mm 300 in	kg lb			*7050 *15,550	*7050 *15,550	*6300 *13,050	*6300 *13,050			*4300 *9,600	*4300 *9,600	6620 260
6000 mm 240 in	kg lb			*7250 *15,950	*7250 *15,950	*7200 *15,650	6550 14,000	*5050 *8,950	4500 *8,950	*4000 *8,800	*4000 *8,800	7690 300
4500 mm 180 in	kg lb	*13 100 *25,650	*13 100 *25,650	*9500 *20,550	*9500 *20,550	*7550 *16,400	6300 13,550	*6100 *13,250	4450 9,550	*3900 *8,600	*3900 *8,600	8350 330
3000 mm 120 in	kg lb			*10 700 *23,100	9000 19,450	*8050 *17,400	5950 12,850	*6350 *13,700	4300 9,250	*3950 *8,650	*3950 *8,650	8710 350
1500 mm 60 in	kg lb			*11 300 *24,450	8350 18,050	*8300 *18,000	5650 12,200	6500 13,950	4150 8,950	*4150 *9,100	*4150 *9,100	8790 350
0 mm 0 in	kg lb			*10 800 *23,400	8050 17,350	*8100 *17,550	5450 11,700	*6250 *13,500	4050 8,700	*4500 *9,850	*4500 *9,850	8610 340
-1500 mm -60 in	kg lb	*9250 *21,000	*9250 *21,000	*9350 *20,300	8000 17,200	*7250 *15,650	5350 11,550	*5450 *11,550	4000 8,650	*4450 *9,750	*4450 *9,750	8160 320
-3000 mm -120 in	kg lb			*7050 *15,150	*7050 *15,150	*5550 *11,800	5400 11,650			*3700 *8,250	*3700 *8,250	7300 290



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.

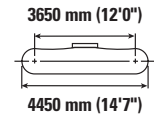
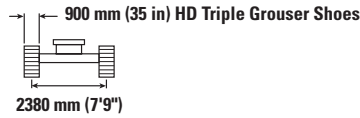
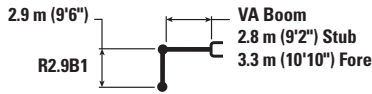
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











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

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

323 Hydraulic Excavator Specifications

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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
9000 mm 360 in	kg lb		*6400 *12,450	*6400 *12,450						*5150 *11,650	*5150 *11,650	4880 190
7500 mm 300 in	kg lb		*7050 *15,550	*7050 *15,550	*6300 *13,050	*6300 *13,050				*4300 *9,600	*4300 *9,600	6620 260
6000 mm 240 in	kg lb		*7250 *15,950	*7250 *15,950	*7200 *15,650	6600 14,200	*5050 *8,950	4550 *8,950		*4000 *8,800	*4000 *8,800	7690 300
4500 mm 180 in	kg lb	*13 100 *25,650	*13 100 *25,650	*9500 *20,550	*9500 *20,550	*7550 *16,400	6350 13,700	*6100 *13,250	4500 *9,700	*3900 *8,600	3800 *8,350	8350 330
3000 mm 120 in	kg lb		*10 700 *23,100	9150 19,700	*8050 *17,400	6050 13,000	*6350 *13,700	4350 *9,400		*3950 *8,650	3500 7,650	8710 350
1500 mm 60 in	kg lb		*11 300 *24,450	8500 18,300	*8300 *18,000	5750 12,350	*6550 *14,100	4200 *9,050		*4150 *9,100	3350 7,400	8790 350
0 mm 0 in	kg lb		*10 800 *23,400	8150 17,550	*8100 *17,550	5500 11,900	*6250 *13,500	4100 *8,850		*4500 *9,850	3400 7,500	8610 340
-1500 mm -60 in	kg lb	*9250 *21,000	*9250 *21,000	*9350 *20,300	8100 17,400	*7250 *15,650	5450 11,700	*5450 *11,550	4050 *8,750	*4450 *9,750	3650 *8,100	8160 320
-3000 mm -120 in	kg lb		*7050 *15,150	*7050 *15,150	*5550 *11,800	5500 *11,800				*3700 *8,250	*3700 *8,250	7300 290



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.

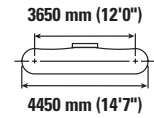
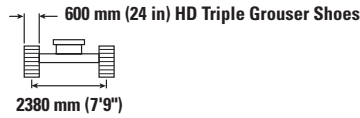
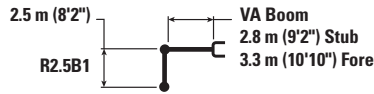
Max Length of VAB.













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



	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		*8300 *18,250	*8300 *18,250	*5700 *12,550	*5700 *12,550				*5200 *11,550	*5200 *11,550	6080 240
6000 mm 240 in	kg lb		*8900 *19,400	*8900 *19,400	*7450 *16,250	6300 13,500				*4750 *10,550	4600 10,250	7230 290
4500 mm 180 in	kg lb	*14 650 *31,400	*14 650 *31,400	*9950 *21,450	9350 20,200	*7800 *16,900	6050 13,050	*6300 *13,650	4300 9,200	*4650 *10,200	3900 8,650	7930 310
3000 mm 120 in	kg lb		*11 000 *23,750	8650 18,600	*8200 *17,750	5750 12,400	6450 13,850	4150 8,950	*4700 *10,350	3550 7,850	8300 330	
1500 mm 60 in	kg lb		*11 300 *24,450	8050 17,350	*8350 *18,050	5450 11,800	6300 13,500	4050 8,650	*4950 *10,850	3450 7,550	8390 330	
0 mm 0 in	kg lb		*10 400 *22,650	7850 16,850	*7950 *17,250	5300 11,400	*6100 *13,100	3950 8,500	*5150 *11,350	3500 7,700	8210 330	
-1500 mm -60 in	kg lb		*8700 *18,950	7800 16,800	*6900 *14,900	5250 11,300	*4950 *10,350	3950 8,500	*4550 *9,950	3800 8,400	7720 310	
-3000 mm -120 in	kg lb				*4850 *10,200	*4850 *10,200			*4300 *9,750	*4300 *9,750	6410 250	



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.

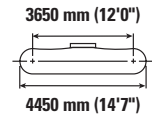
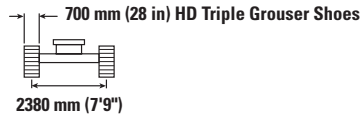
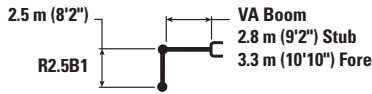
Max Length of VAB.












Lift capacity stays with $\pm 5\%$ 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



Boom Length mm in	kg lb	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			*8300 *18,250	*8300 *18,250	*5700 *5700				*5200 *11,550	*5200 *11,550	6080 240
6000 mm 240 in	kg lb			*8900 *19,400	*8900 *19,400	*7450 *16,250	6350 13,650			*4750 *10,550	4650 10,400	7230 290
4500 mm 180 in	kg lb	*14 650 *31,400	*14 650 *31,400	*9950 *21,450	9500 20,500	*7800 *16,900	6150 13,250	*6300 *13,650	4350 9,350	*4650 *10,200	3950 8,750	7930 310
3000 mm 120 in	kg lb			*11 000 *23,750	8750 18,900	*8200 *17,750	5850 12,550	*6500 14,050	4250 9,100	*4700 *10,350	3600 7,950	8300 330
1500 mm 60 in	kg lb			*11 300 *24,450	8150 17,600	*8350 *18,050	5550 11,950	6400 13,750	4100 8,800	*4950 *10,850	3500 7,700	8390 330
0 mm 0 in	kg lb			*10 400 *22,650	7950 17,100	*7950 *17,250	5400 11,550	*6100 *13,100	4000 8,600	*5150 *11,350	3550 7,850	8210 330
-1500 mm -60 in	kg lb			*8700 *18,950	7950 17,100	*6900 *14,900	5350 11,500	*4950 *10,350	4000 8,650	*4550 *9,950	3900 8,550	7720 310
-3000 mm -120 in	kg lb						*4850 *10,200			*4300 *9,750	*4300 *9,750	6410 250



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.

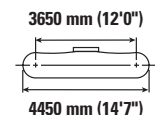
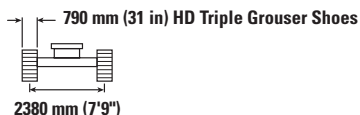
Max Length of VAB.













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



	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		*8300 *18,250	*8300 *18,250	*5700	*5700				*5200 *11,550	*5200 *11,550	6080 240
6000 mm 240 in	kg lb		*8900 *19,400	*8900 *19,400	*7450 *16,250	6400 13,800				*4750 *10,550	4700 10,500	7230 290
4500 mm 180 in	kg lb	*14 650 *31,400	*14 650 *31,400	*9950 *21,450	9600 20,650	*7800 *16,900	6200 13,350	*6300 *13,650	4400 9,450	*4650 *10,200	4000 8,850	7930 310
3000 mm 120 in	kg lb		*11 000 *23,750	8850 19,050	*8200 *17,750	5900 12,700	*6500 *14,050	4300 9,200	*4700 *10,350	3650 8,050	8300 330	
1500 mm 60 in	kg lb		*11 300 *24,450	8250 17,800	*8350 *18,050	5600 12,100	6450 13,900	4150 8,900	*4950 *10,850	3550 7,800	8390 330	
0 mm 0 in	kg lb		*10 400 *22,650	8050 17,300	*7950 *17,250	5450 11,700	*6100 *13,100	4050 8,700	*5150 *11,350	3600 7,950	8210 330	
-1500 mm -60 in	kg lb		*8700 *18,950	8050 17,250	*6900 *14,900	5400 11,600	*4950 *10,350	4050 8,750	*4550 *9,950	3900 8,650	7720 310	
-3000 mm -120 in	kg lb					*4850 *10,200			*4300 *9,750	*4300 *9,750	6410 250	



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.

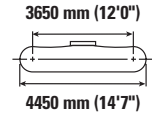
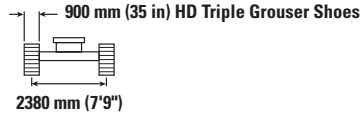
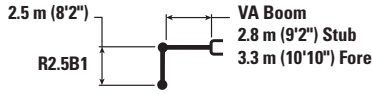
Max Length of VAB.













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



	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		*8300 *18,250	*8300 *18,250	*5700	*5700				*5200 *11,550	*5200 *11,550	6080 240
6000 mm 240 in	kg lb		*8900 *19,400	*8900 *19,400	*7450 *16,250	6500 13,950				*4750 *10,550	*4750 *10,550	7230 290
4500 mm 180 in	kg lb	*14 650 *31,400	*14 650 *31,400	*9950 *21,450	9700 20,900	*7800 *16,900	6300 13,500	*6300 *13,650	4450 9,550	*4650 *10,200	4050 9,000	7930 310
3000 mm 120 in	kg lb		*11 000 *23,750	8950 19,300	*8200 *17,750	5950 12,850	*6500 *14,050	4350 9,300	*4700 *10,350	3700 8,150	3700 8,150	8300 330
1500 mm 60 in	kg lb		*11 300 *24,450	8350 18,050	*8350 *18,050	5700 12,250	*6550 *14,100	4200 9,050	*4950 *10,850	3600 7,900	3600 7,900	8390 330
0 mm 0 in	kg lb		*10 400 *22,650	8150 17,550	*7950 *17,250	5500 11,850	*6100 *13,100	4100 8,850	*5150 *11,350	3650 8,050	3650 8,050	8210 330
-1500 mm -60 in	kg lb		*8700 *18,950	8150 17,500	*6900 *14,900	5450 11,750	*4950 *10,350	4100 8,850	*4550 *9,950	3950 8,750	3950 8,750	7720 310
-3000 mm -120 in	kg lb					*4850 *10,200	*4850 *10,200			*4300 *9,750	*4300 *9,750	6410 250



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.

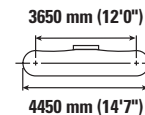
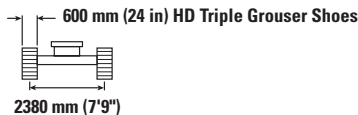
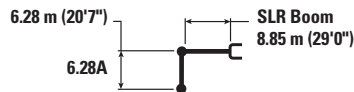
Max Length of VAB.

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



ISO 10567



* 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.

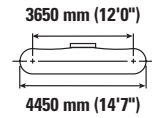
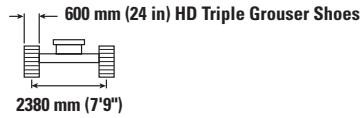
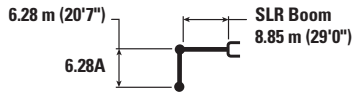
Lift capacity stays with ±5% for all available track shoes.



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	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
12 000 mm 480 in										*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in			*2200 *4,850	*2200 *4,850						*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200				*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in			*2250 *4,900	*2250 *4,900	*2200 *4,850	2200 4,700				*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in			2400 *5,200	2400 *5,200	2300 *5,000	2150 4,600	2100 *3,700	1700 3,600		1250 *2,750	1250 *2,750	13 970 550
4500 mm 180 in	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2100 4,450	*2300 *5,000	1650 3,500		*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5,300	*2550 *5,500	2000 4,250	*2400 *5,150	1600 3,400		*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	3450 *7,400	2950 6,300	3000 *6,450	2350 5,000	2700 *5,800	1900 4,050	2450 *5,350	1550 3,300		1400 *3,000	1350 2,900	14 600 580
0 mm 0 in	*3700 *8,050	2750 5,900	*3200 *6,900	2200 4,700	*2800 *6,100	1800 3,850	2450 5,250	1500 3,150		*1450 *3,200	1300 2,900	14 490 570
-1500 mm -60 in	*3950 *8,550	2600 5,550	*3350 *7,250	2100 4,500	2850 6,100	1750 3,700	2400 5,150	1450 3,100		*1550 *3,450	1350 2,900	14 230 560
-3000 mm -120 in	*4100 *8,850	2500 5,350	3350 7,200	2050 4,350	2800 6,000	1700 3,600	2400 *4,200	1450 3,050		*1750 *3,800	1400 3,050	13 790 550
-4500 mm -180 in	4100 8,800	2450 5,250	3300 7,150	2000 4,250	2800 6,000	1650 3,600				*1950 *4,300	1500 3,250	13 170 520
-6000 mm -240 in	*4000 *8,650	2450 5,250	3350 7,150	2000 4,300	*2800 *5,900	1700 3,650				*2300 *5,100	1650 3,650	12 340 490
-7500 mm -300 in	*3750 *7,950	2500 5,400	*3050 *6,450	2050 4,450						*2700 *5,950	1900 4,250	11 240 440
-9000 mm -360 in	*3150 *6,500	2650 5,750								*2700 *5,900	2400 5,400	9800 380



ISO 10567



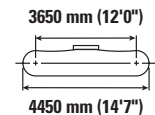
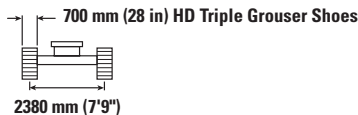
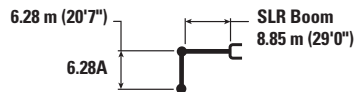
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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											*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb			*4700 *11,800	*4700 *11,800	*6050 *12,900	*6050 *12,900	*4450 *9,550	*4450 *9,550	*3600 *7,800	*3600 *7,800	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	5200 11,200	*4100 *8,850	3850 8,300	*1400 *3,000	1350 3,000	14 600 580
0 mm 0 in	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4750 10,200	*4550 *9,800	3550 7,650	*1450 *3,200	1350 2,950	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4450 9,600	*4850 *10,450	3350 7,200	*1550 *3,450	1350 3,000	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4300 9,300	*5000 *10,800	3250 6,950	*1750 *3,800	1400 3,100	13 790 550
-4500 mm -180 in	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,700	*6400 *13,800	4300 9,200	*5050 *10,850	3150 6,800	*1950 *4,300	1500 3,350	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6600 14,150	*6150 *13,250	4350 9,300	*4900 *10,550	3200 6,850	*2300 *5,100	1700 3,700	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6750 14,600	*5650 *12,150	4450 9,550	*4550 *9,750	3250 7,000	*2700 *5,950	1950 4,350	11 240 440
-9000 mm -360 in	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4600 10,000	*3900 *8,300	3400 7,350	*2700 *5,900	2450 5,500	9800 380



ISO 10567



* 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.

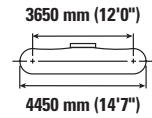
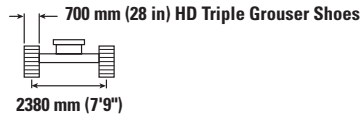
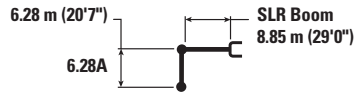
Lift capacity stays with ±5% for all available track shoes.



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	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
12 000 mm 480 in										*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in			*2200 *4,850	*2200 *4,850						*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200				*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in			*2250 *4,900	*2250 *4,900	*2200 *4,850	*2200 *4,800				*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in			*2400 *5,200	*2400 *5,200	*2300 *5,000	2200 4,700	*2100 *3,700	1750 3,650		*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2100 4,500	*2300 *5,000	1700 3,600		*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5,400	*2550 *5,500	2000 4,300	*2400 *5,150	1650 3,450		*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	*3450 *7,400	3000 6,400	*3000 *6,450	2400 5,100	*2700 *5,800	1950 4,100	*2450 *5,350	1600 3,350		*1400 *3,000	1350 3,000	14 600 580
0 mm 0 in	*3700 *8,050	2800 6,000	*3200 *6,900	2250 4,800	*2800 *6,100	1850 3,950	2500 5,350	1500 3,250		*1450 *3,200	1350 2,950	14 490 570
-1500 mm -60 in	*3950 *8,550	2650 5,650	*3350 *7,250	2150 4,600	2900 6,250	1750 3,800	2450 5,250	1500 3,150		*1550 *3,450	1350 3,000	14 230 560
-3000 mm -120 in	*4100 *8,850	2550 5,450	3400 7,350	2050 4,450	2850 6,150	1700 3,700	2450 *4,200	1450 3,150		*1750 *3,800	1400 3,100	13 790 550
-4500 mm -180 in	*4100 *8,900	2500 5,350	3400 7,300	2050 4,350	2850 6,100	1700 3,650				*1950 *4,300	1500 3,350	13 170 520
-6000 mm -240 in	*4000 *8,650	2500 5,400	*3350 *7,200	2050 4,400	*2800 *5,900	1750 3,750				*2300 *5,100	1700 3,700	12 340 490
-7500 mm -300 in	*3750 *7,950	2550 5,500	*3050 *6,450	2100 4,550						*2700 *5,950	1950 4,350	11 240 440
-9000 mm -360 in	*3150 *6,500	2700 5,850								*2700 *5,900	2450 5,500	9800 380



ISO 10567



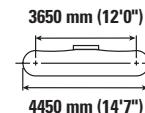
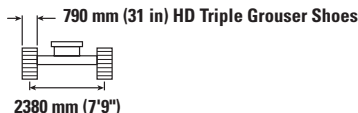
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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											*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb			*4700 *11,800	*4700 *11,800	*6050 *12,900	*6050 *12,900	*4450 *9,550	*4450 *9,550	*3600 *7,800	*3600 *7,800	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	5250 11,300	*4100 *8,850	3900 8,400	*1400 *3,000	*1400 *3,000	14 600 580
0 mm 0 in	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4800 10,350	*4550 *9,800	3600 7,750	*1450 *3,200	1350 3,000	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4500 9,700	*4850 *10,450	3400 7,300	*1550 *3,450	1400 3,050	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4400 9,400	*5000 *10,800	3250 7,050	*1750 *3,800	1450 3,150	13 790 550
-4500 mm -180 in	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,700	*6400 *13,800	4350 9,350	*5050 *10,850	3200 6,900	*1950 *4,300	1550 3,400	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6650 14,350	*6150 *13,250	4400 9,450	*4900 *10,550	3250 6,950	*2300 *5,100	1700 3,750	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6850 14,750	*5650 *12,150	4500 9,700	*4550 *9,750	3300 7,100	*2700 *5,950	2000 4,400	11 240 440
-9000 mm -360 in	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4700 10,100	*3900 *8,300	3450 7,450	*2700 *5,900	2500 5,600	9800 380



ISO 10567



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

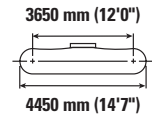
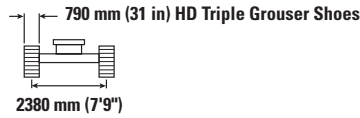
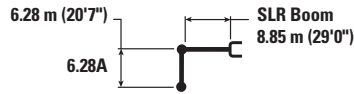
Lift capacity stays with ±5% for all available track shoes.



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

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323 Hydraulic Excavator Specifications

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



	9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/540 in				mm in	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
12 000 mm 480 in										*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in			*2200 *4,850	*2200 *4,850						*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200				*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in			*2250 *4,900	*2250 *4,900	*2200 *4,850	*2200 *4,850				*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in			*2400 *5,200	*2400 *5,200	*2300 *5,000	2200 4,750	*2100 *3,700	1750 *3,700		*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2150 4,550	*2300 *5,000	1700 3,650		*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	*3100 *6,750	*3100 *6,750	*2800 *6,000	2550 5,450	*2550 *5,500	2050 4,350	*2400 *5,150	1650 3,500		*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	*3450 *7,400	3000 6,500	*3000 *6,450	2400 5,150	*2700 *5,800	1950 4,150	*2450 *5,350	1600 3,400		*1400 *3,000	*1400 *3,000	14 600 580
0 mm 0 in	*3700 *8,050	2850 6,050	*3200 *6,900	2300 4,900	*2800 *6,100	1850 4,000	2550 5,450	1550 3,300		*1450 *3,200	1350 3,000	14 490 570
-1500 mm -60 in	*3950 *8,550	2700 5,750	*3350 *7,250	2150 4,650	*2950 *6,300	1800 3,850	2500 5,350	1500 3,200		*1550 *3,450	1400 3,050	14 230 560
-3000 mm -120 in	*4100 *8,850	2600 5,550	*3450 *7,450	2100 4,500	2900 6,200	1750 3,750	2450 *4,200	1500 3,150		*1750 *3,800	1450 3,150	13 790 550
-4500 mm -180 in	*4100 *8,900	2550 5,450	3450 7,400	2050 4,450	2900 6,200	1750 3,700				*1950 *4,300	1550 3,400	13 170 520
-6000 mm -240 in	*4000 *8,650	2550 5,450	*3350 *7,200	2100 4,450	*2800 *5,900	1750 3,800				*2300 *5,100	1700 3,750	12 340 490
-7500 mm -300 in	*3750 *7,950	2600 5,600	*3050 *6,450	2150 4,650						*2700 *5,950	2000 4,400	11 240 440
-9000 mm -360 in	*3150 *6,500	2750 5,900								*2700 *5,900	2500 5,600	9800 380



ISO 10567



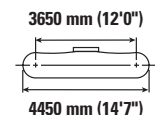
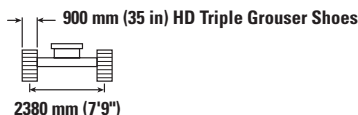
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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											*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in	kg lb											*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in	kg lb											*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in	kg lb											*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in	kg lb											*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	kg lb											*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	kg lb			*4700 *11,800	*4700 *11,800	*6050 *12,900	*6050 *12,900	*4450 *9,550	*4450 *9,550	*3600 *7,800	*3600 *7,800	*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	kg lb					*6750 *15,950	*6750 *15,950	*5250 *11,300	*5250 *11,300	*4100 *8,850	3950 8,500	*1400 *3,000	*1400 *3,000	14 600 580
0 mm 0 in	kg lb			*2000 *4,550	*2000 *4,550	*4650 *10,700	*4650 *10,700	*5900 *12,700	4850 10,500	*4550 *9,800	3650 7,900	*1450 *3,200	1400 3,050	14 490 570
-1500 mm -60 in	kg lb	*2100 *4,600	*2100 *4,600	*2700 *6,050	*2700 *6,050	*4650 *10,500	*4650 *10,500	*6250 *13,550	4600 9,900	*4850 *10,450	3450 7,400	*1550 *3,450	1400 3,100	14 230 560
-3000 mm -120 in	kg lb	*2850 *6,350	*2850 *6,350	*3500 *7,850	*3500 *7,850	*5200 *11,700	*5200 *11,700	*6400 *13,900	4450 9,600	*5000 *10,800	3350 7,150	*1750 *3,800	1450 3,200	13 790 550
-4500 mm -180 in	kg lb	*3650 *8,150	*3650 *8,150	*4400 *9,900	*4400 *9,900	*6050 *13,700	*6050 *13,700	*6400 *13,800	4400 9,500	*5050 *10,850	3300 7,050	*1950 *4,300	1550 3,450	13 170 520
-6000 mm -240 in	kg lb	*4550 *10,100	*4550 *10,100	*5400 *12,150	*5400 *12,150	*7200 *16,300	6800 14,600	*6150 *13,250	4450 9,600	*4900 *10,550	3300 7,050	*2300 *5,100	1750 3,850	12 340 490
-7500 mm -300 in	kg lb	*5500 *12,250	*5500 *12,250	*6550 *14,800	*6550 *14,800	*7300 *15,650	6950 15,000	*5650 *12,150	4550 9,850	*4550 *9,750	3350 7,250	*2700 *5,950	2000 4,500	11 240 440
-9000 mm -360 in	kg lb			*7950 *17,450	*7950 *17,450	*6150 *13,100	*6150 *13,100	*4850 *10,350	4750 10,250	*3900 *8,300	3500 7,550	*2700 *5,900	2500 5,650	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.

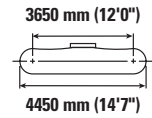
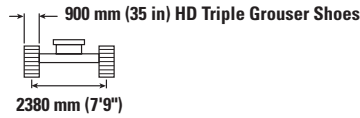
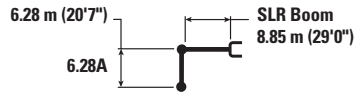
Lift capacity stays with ±5% for all available track shoes.



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	
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		
12 000 mm 480 in										*1450 *3,200	*1450 *3,200	10 350 400
10 500 mm 420 in			*2200 *4,850	*2200 *4,850						*1350 *2,950	*1350 *2,950	11 660 460
9000 mm 360 in			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200				*1300 *2,850	*1300 *2,850	12 660 500
7500 mm 300 in			*2250 *4,900	*2250 *4,900	*2200 *4,850	*2200 *4,850				*1250 *2,800	*1250 *2,800	13 410 530
6000 mm 240 in			*2400 *5,200	*2400 *5,200	*2300 *5,000	2250 4,800	*2100 *3,700	1800 *3,700		*1250 *2,750	*1250 *2,750	13 970 550
4500 mm 180 in	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2150 4,650	*2300 *5,000	1750 3,700		*1300 *2,800	*1300 *2,800	14 340 570
3000 mm 120 in	*3100 *6,750	*3100 *6,750	*2800 *6,000	2600 5,550	*2550 *5,500	2100 4,450	*2400 *5,150	1700 3,600		*1300 *2,900	*1300 *2,900	14 550 580
1500 mm 60 in	*3450 *7,400	3050 6,600	*3000 *6,450	2450 5,250	*2700 *5,800	2000 4,250	*2450 *5,350	1650 3,450		*1400 *3,000	*1400 *3,000	14 600 580
0 mm 0 in	*3700 *8,050	2850 6,150	*3200 *6,900	2300 4,950	*2800 *6,100	1900 4,050	*2550 *5,500	1550 3,350		*1450 *3,200	1400 3,050	14 490 570
-1500 mm -60 in	*3950 *8,550	2700 5,850	*3350 *7,250	2200 4,750	*2950 *6,300	1850 3,900	2550 5,450	1550 3,250		*1550 *3,450	1400 3,100	14 230 560
-3000 mm -120 in	*4100 *8,850	2650 5,650	*3450 *7,450	2150 4,600	2950 6,300	1800 3,800	2500 *4,200	1500 3,250		*1750 *3,800	1450 3,200	13 790 550
-4500 mm -180 in	*4100 *8,900	2600 5,550	*3450 *7,450	2100 4,500	2950 6,300	1750 3,800				*1950 *4,300	1550 3,450	13 170 520
-6000 mm -240 in	*4000 *8,650	2600 5,550	*3350 *7,200	2100 4,550	*2800 *5,900	1800 3,850				*2300 *5,100	1750 3,850	12 340 490
-7500 mm -300 in	*3750 *7,950	2650 5,700	*3050 *6,450	2200 4,700						*2700 *5,950	2000 4,500	11 240 440
-9000 mm -360 in	*3150 *6,500	2750 6,000								*2700 *5,900	2500 5,650	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, A	900	36	0.53	0.69	403	888	100							○	
Ditch Cleaning	312, A	1200	48	0.57	0.74	386	851	100							○	
Maximum load with pin-on (payload + bucket)									kg	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)

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(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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (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	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓
	MP324 Demolition Jaw	✓	✓	✓	✓	✓	✓
	MP324 Pulverizer Jaw	✓		✓			
	MP324 Shear Jaw	✓	✓	✓	✓	✓	✓
	MP324 Tank Shear Jaw	✓	✓*	✓	✓	✓	✓*
MP324 Universal Jaw	✓	✓*	✓	✓	✓	✓*	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324	✓	✓*	✓	✓	✓	✓
	G324 WH-1500	✓	✓*	✓	✓		
	G324 WH-1800			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓
	P224 Secondary Pulverizer	✓		✓		✓	
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓
	P324 Primary Pulverizer	✓	✓*	✓	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

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

No Match
 1800 kg/m³ (3,000 lb/yd³)
 1200 kg/m³ (2,000 lb/yd³)
 600 kg/m³ (1,000 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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	
	GSH420-600	●	●	●	●	●	●	
	GSH420-750	●	●	●	●	●	●	
	GSH425-750	●	●	●	●	●	●	
	GSH425-950	○	○	●	●	●	○	
	GSH425-1150	○		●	○	○	○	
	GSH520-500	●	●	●	●	●	●	
	GSH520-600	●	●	●	●	●	●	
	GSH520-750	●	●	●	●	●	●	
	GSH525-750	○	○	●	●	●	○	
	GSH525-950	○		●	○	○	○	
	GSH525-1150			○	○	○		
	GSV420-400	●	●	●	●	●	●	
	GSV420-500	●	●	●	●	●	●	
	GSV420-600	●	●	●	●	●	●	
	GSV420-750	○	○	○	○	○	○	
	GSV420-1250	◇	◇	◇	◇	◇	◇	
	GSV425-600	●	●	●	●	●	●	
	GSV425-750	●	●	●	●	●	●	
	GSV425-950	○	○	●	●	●	○	
	GSV425-1150	○		●	○	○	○	
	GSV425-1550	◇	◇	◇	◇	◇	◇	
	GSV520-400	●	●	●	●	●	●	
	GSV520-500	●	●	●	●	●	●	
	GSV520-600	●	●	●	●	●	●	
	GSV520-750	●	●	●	●	●	●	
	GSV525-600	●	●	●	●	●	●	
	GSV525-750	●	○	●	●	●	●	
	GSV525-950	○	○	●	○	○	○	
	GSV525-1150			○	○	○		
	Clamshell Grapples	CTV15-1000	●	○	●	●	●	●
		CTV15-1200	○	○	●	●	○	○
CTV15-1500				○	○	○		
CTV15-1700				○	○			

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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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (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	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓			
	MP324 Demolition Jaw			✓			
	MP324 Shear Jaw	✓*		✓			
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓*	✓	✓		
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓

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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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")
Hydraulic Hammers	H120 GC S	✓†	✓†	✓†	✓†	✓†	✓†
	H120 S	✓†	✓†	✓†	✓†	✓†	✓†
	H130 S	✓†	✓†	✓†	✓†	✓†	✓†
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw	✓*		✓		✓	
	MP324 Demolition Jaw	✓*		✓		✓*	
	MP324 Pulverizer Jaw			✓		✓*	
	MP324 Shear Jaw	✓	✓*	✓	✓	✓	✓*
	MP324 Tank Shear Jaw	✓*		✓		✓*	
MP324 Universal Jaw	✓*		✓		✓*		
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324	✓*		✓			
	G324 WH-1500			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓
	P224 Secondary Pulverizer			✓		✓*	
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓
	P324 Primary Pulverizer			✓		✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓

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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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (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	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw	✓*		✓		✓	
	MP324 Demolition Jaw	✓*		✓		✓*	
	MP324 Pulverizer Jaw			✓		✓*	
	MP324 Shear Jaw	✓	✓*	✓	✓	✓	✓*
	MP324 Tank Shear Jaw	✓*		✓		✓*	
MP324 Universal Jaw	✓*		✓		✓*		
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G317 GC fixed CAN	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 fixed CAN	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324	✓*		✓		✓	
G324 WH-1500			✓				
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓	✓	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓
	P224 Secondary Pulverizer			✓		✓*	
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓
	P324 Primary Pulverizer			✓		✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓

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

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

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

Match

† 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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (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	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓			
	MP324 Demolition Jaw			✓			
	MP324 Shear Jaw	✓*		✓			
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓		✓		✓	
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

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

Match

† 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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (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	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓			
	MP324 Demolition Jaw			✓			
	MP324 Shear Jaw			✓			
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓
	G324			✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓		✓		✓	
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓

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		R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")	R2.5 (8'2")	R2.9 (9'6")
Mobile Scrap and Demolition Shears	S2050	✓	✓		✓	✓	✓*
	S3035 Flat Top	✓	✓	✓	✓	✓	✓

323 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		
Cat® C7.1 single turbo diesel engine	✓		600 mm (24 in) HD triple grouser track shoes	✓	
Three selectable power modes	✓		700 mm (28 in) HD triple grouser track shoes		✓
Automatic engine speed control	✓		790 mm (31 in) HD triple grouser track shoes		✓
Automatic engine idle shutdown	✓		900 mm (35 in) HD triple grouser track shoes		✓
Work up to 3000 m (9,840 ft) above sea level without engine power de-rating	✓		Tie-down points on base frame	✓	
46° C (115° F) high-ambient cooling capacity	✓		Segmented track guiding guards	✓	
52° C (125° F) high-ambient cooling capacity		✓	Full-length track guiding guards		✓
Cold starting capability for -18° C (0° F)	✓		HD bottom guard	✓	
Cold starting capability for -32° C (-25° F)		✓	Swivel guard	✓	
Double element air filter with integrated precleaner	✓		HD travel motor guards	✓	
Electric fuel priming pump	✓		Grease lubricated track links	✓	
On-demand electric cooling fans with auto-reverse function	✓		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	✓	
Auto Dig Boost ⁽¹⁾	✓		BOOMS, STICKS AND LINKAGES		
Auto heavy lift ⁽²⁾	✓		5.7 m (18'8") Reach boom	✓	
Automatic two-speed travel	✓		2.7 m (8'10") stub + 3.3 m (10'10") fore, Variable Angle boom		✓
Boom and stick drift reduction valve	✓		8.85 m (29'0") Super Long Reach boom		✓
Element type main hydraulic filter	✓		2.9 m (9'6") Reach stick	✓	
Slider joysticks	✓		2.5 m (8'2") Reach stick		✓
Tandem type electronic main pump	✓		6.28 m (20'7") Super Long Reach stick		✓
Advanced Tool Control (two pump, one/two way high-pressure flow)		✓	Bucket linkage, B1-family with lifting eye	✓	
Medium pressure auxiliary circuit		✓	Bucket linkage, A-family without lifting eye		✓
Quick coupler circuit for Cat Pin Grabber CW Dedicated	✓				

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⁽¹⁾Requires heavy lift valve; not available for Super Long Reach or VA Boom.

⁽²⁾Requires heavy lift valve; not available for Super Long Reach.

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	✓		Integrated vehicle health management system		✓
CAT TECHNOLOGY			SAFETY AND SECURITY		
Cat Product Link TM	✓		Cat Detect – People Detection		✓
Remote Flash	✓		Rear and right-hand-sideview cameras	✓	
Remote Troubleshoot	✓		Cab mirror for RH side track edge	✓	
Cat Grade Connectivity		✓	360° visibility		✓
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓		Neutral lever (lock out) for all controls	✓	
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓		Anti-skid plate and countersunk bolts on service platform	✓	
Cat Grade with 2D and offset memory*	✓		Swing alarm		✓
Cat Grade with Advanced 2D		✓	Ground-level accessible secondary engine shutoff switch in cab	✓	
Cat Grade with 3D single GNSS		✓	RH handrail and handhold (ISO 2867:2011 compliant)	✓	
Cat Grade with 3D dual GNSS		✓	Inspection lighting		✓
Cat Assist:*	✓		Cat Command remote control		✓
– 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	✓				
Laser catcher		✓			
Work tool recognition	✓				
Work tool tracking***	✓				

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

**Not available for VA Boom.

***Requires PL161 attachment locator on work tool and Bluetooth receiver on machine.

323 Attachments

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

Cab Options

	Deluxe	Premium (two piece windshield)	Premium (one piece windshield)
ROPS	●	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●	●
Auto bi-level air conditioner	●	●	●
Jog dial and shortcut keys for monitor control	●	●	●
Keyless push-to-start engine control	●	●	●
Height-adjustable console	●	●	●
Tilt-up left-side console	●	●	●
Heated air-suspension seat	●	X	X
Heated and ventilated air-suspension seat	X	●	●
51 mm (2") seat belt	●	●	●
DAB/DAB+ radio with Bluetooth (includes USB/Aux ports)	●	●	●
12V DC outlets	●	●	●
Document storage	●	●	●
Overhead storage and rear storage with nets	●	●	●
Beverage holder	●	●	●
Cup holder	●	●	●
Openable two-piece front window	●	●	○
One piece front windshield	X	○	●
Rear window emergency exit	●	●	●
Radial wiper with washer	●	X	X
Parallel wiper	X	●	●
Openable polycarbonate skylight hatch	●	●	X
Laminated roof glass	X	X	●
LED dome light	●	●	●
Floor welcome light	●	●	●
Roof sunscreen	●	●	●
Roller front sunscreen	●	●	●
Roller rear sunscreen	○	●	●
Washable floor mat	●	●	●
Beacon ready	●	●	●
Cat Stick Steer	○	○	○
Auxiliary relay	○	○	○

- Standard
- Optional
- X Not available

323 Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability>.

Engine

- The Cat® C7.1 engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg (1.9 lb) of refrigerant which has a CO₂ equivalent of 1.216 metric tonnes (1.340 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

Sound Performance

ISO 6395 (external) – 100 dB(A)

ISO 6396 (inside cab) – 70 dB(A)

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic systems balance power and efficiency
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode minimizes fuel consumption for light applications
 - Increase operating efficiency up to 45% with standard Cat technologies
 - Cut maintenance costs with extended service intervals
 - New hydraulic oil filter provides longer life with a 3,000-hour replacement interval

Recycling

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

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

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

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

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

Recyclability – 98%



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
Biodiesel capability	Up to B20 ⁽¹⁾	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.

⁽¹⁾Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:

- ✓ 20% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

*Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg of refrigerant, which has a CO₂ equivalent of 1.216 metric tonnes.

Swing Mechanism

Swing Speed	11.12 rpm	
Maximum Swing Torque	82 kN·m	60,360 lbf·ft

Weights

Operating Weight	23 000 kg	50,700 lb
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- 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%	
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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 – Heavy Lift Mode/Auto Dig Boost	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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

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
Cab/FOGS (optional)	ISO 10262:1998 Level II

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
Base Machine Configurations								
Base Frame with Track Rollers and Carrier Rollers								
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	23 000	50,700	57.4	8.3				
Variable Angle Boom + 2.5 m (8'2") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket	23 800	52,500	59.4	8.6				
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					24 200	53,500	56.9	8.2
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

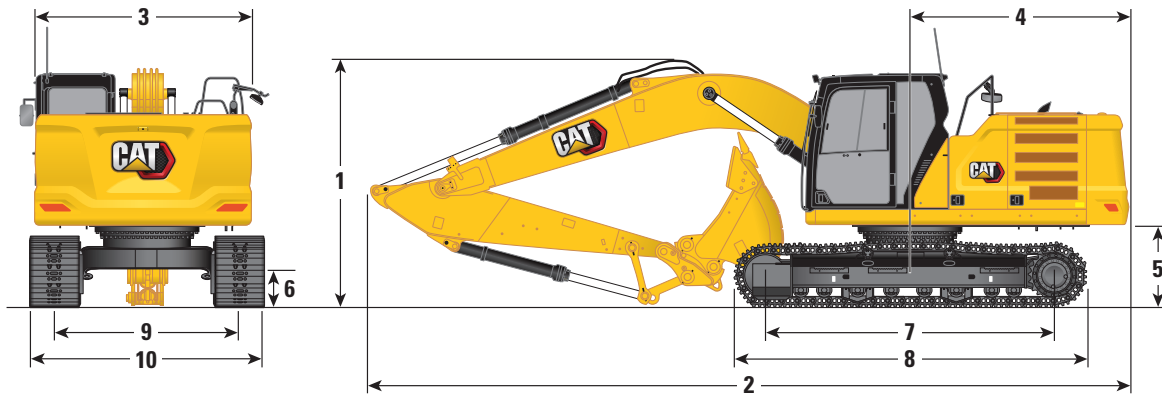
	kg	lb
Base Machine (with 4.55 mt [10,031 lb] Counterweight for Narrow Undercarriage, with boom cylinders – does not include 90% fuel and 75 kg [165 lb] operator)	15 960	35,200
Base Machine (with 4.55 mt (10,031 lb) Counterweight for High Drawbar Undercarriage, with boom cylinders – does not include 90% fuel and 75 kg [165 lb] operator)	16 630	36,640
Track Shoes:		
500 mm (20 in) Width, 12.5 mm (0.49 in) Thick, Triple Grouser Track Shoes for Narrow Undercarriage	2840	6,200
550 mm (22 in) Width, 14.5 mm (0.57 in) Thick, Double Grouser Track Shoes for High Drawbar Undercarriage	3370	7,400
Two Boom Cylinders	360	800
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	280	600
Counterweight:		
4.55 mt Counterweight	4550	10,000
Booms (including lines, pins, stick cylinder):		
Reach Boom (5.7 m/18'8")	1850	4,100
Variable Angle Boom (2.7 m/8'10" Stub + 3.3 m/10'10" Fore)	2790	6,100
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick (R2.9B1/9'6")	1110	2,400
Reach Stick (R2.5B1/8'2")	1060	2,300
Buckets (without linkage, with tips and side cutters):		
1.43 m ³ (1.87 yd ³) GD	920	2,000
1.30 m ³ (1.70 yd ³) GD	840	1,800
Quick Couplers:		
Pin Grabber QC B without Pins	430	900
CW Dedicated QC B without Pins	250	600

Refer to pages 66-68 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.

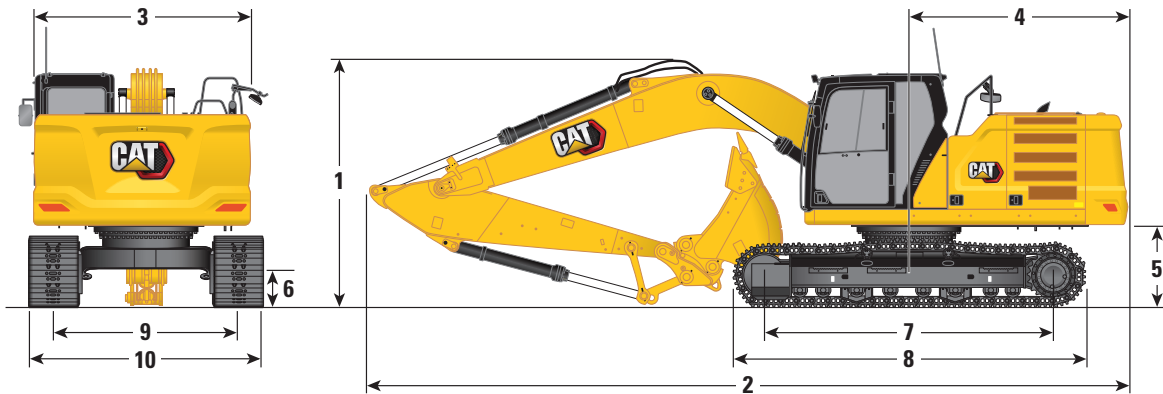


Boom Options	Reach Boom 5.7 m (18'8")				Variable Angle Boom 2.7 m (8'10") Stub/3.3 m (10'10") Fore			
Stick Options	Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")		Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")	
1 Machine Height:								
Top of Cab Height	2975 mm	9'9"	2975 mm	9'9"	2975 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"
Handrail 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	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.

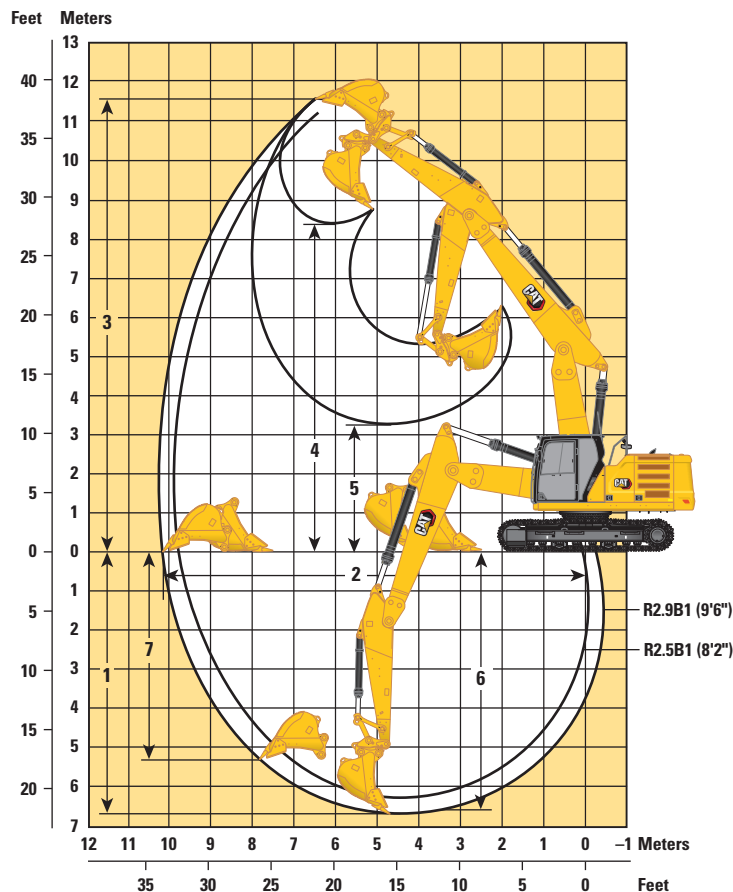
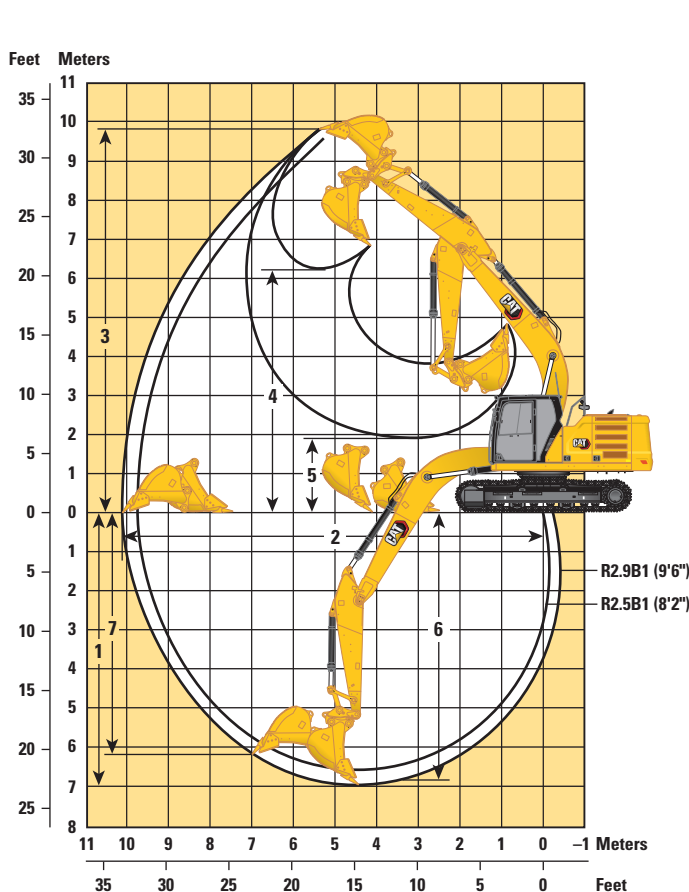


Boom Options	Reach Boom 5.7 m (18'8")				Variable Angle Boom 2.7 m (8'10") Stub/3.3 m (10'10") Fore			
Stick Options	Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")		Reach Sticks R2.9B1 (9'6")		Reach Sticks R2.5B1 (8'2")	
1 Machine Height:								
Top of Cab Height	3050 mm	10'0"	3050 mm	10'0"	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"
Handrail 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	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

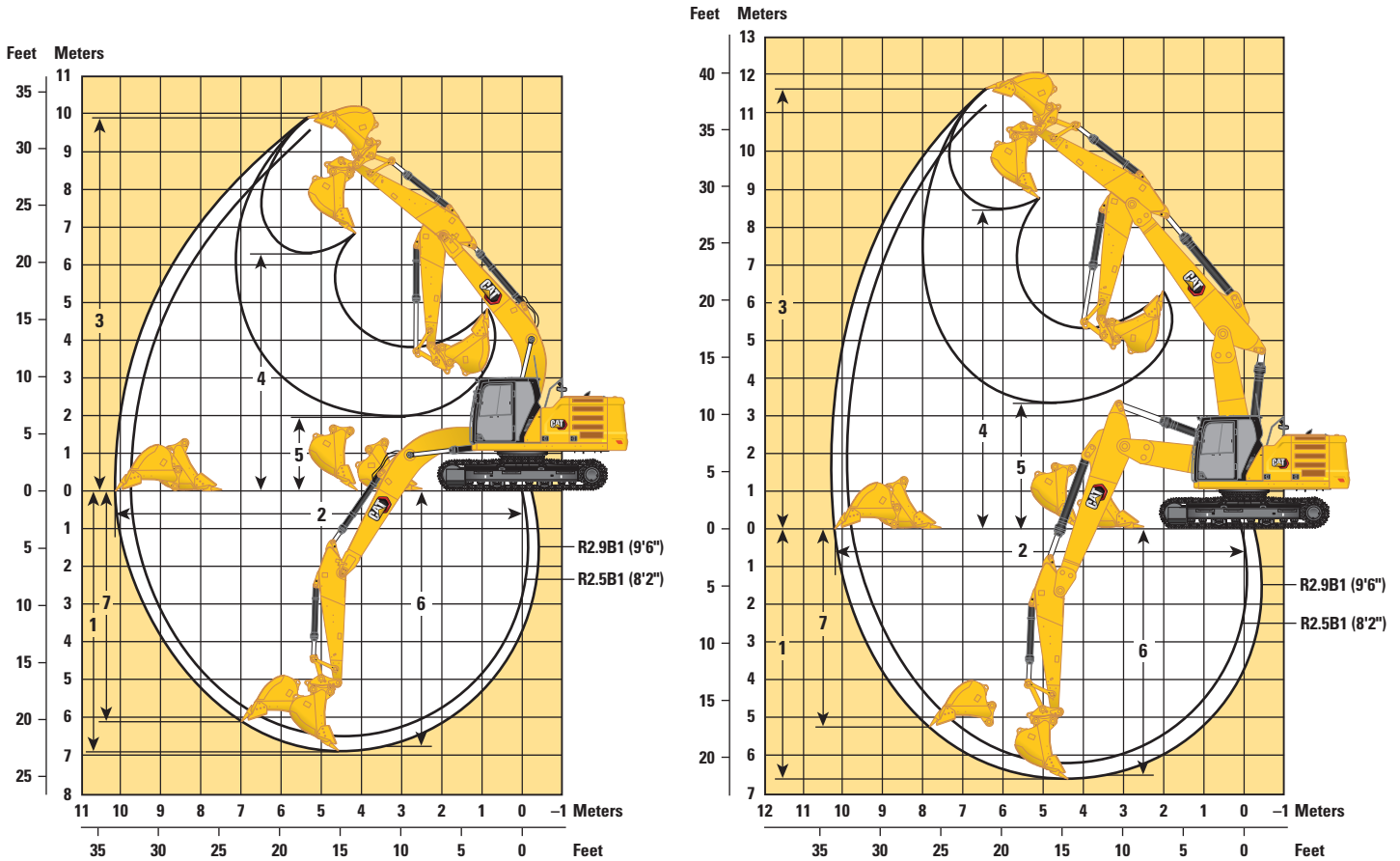
	R2.9B1 (9'6")		R2.5B1 (8'2")		R2.9B1 (9'6")		R2.5B1 (8'2")	
	GD	GD	GD	GD	GD	GD	GD	GD
1 Maximum Digging Depth	7000 mm	23'0"	6580 mm	21'7"	6700 mm	22'0"	6290 mm	20'8"
2 Maximum Reach at Ground Line	10 140 mm	33'3"	9740 mm	31'11"	10 220 mm	33'6"	9810 mm	32'2"
3 Maximum Cutting Height	9810 mm	32'2"	9600 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"

*8.5% Auto Dig Boost pressure not included.

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

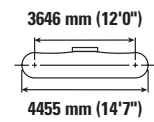
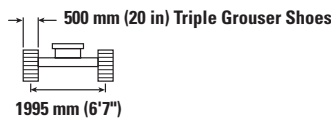
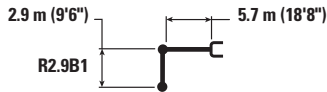
	R2.9B1 (9'6")		R2.5B1 (8'2")		R2.9B1 (9'6")		R2.5B1 (8'2")	
1 Maximum Digging Depth	6930 mm	22'9"	6510 mm	21'4"	6630 mm	21'9"	6210 mm	20'4"
2 Maximum Reach at Ground Line	10 130 mm	33'3"	9730 mm	31'11"	10 210 mm	33'6"	9800 mm	32'2"
3 Maximum Cutting Height	9880 mm	32'5"	9680 mm	31'9"	11 610 mm	38'1"	11 270 mm	37'0"
4 Maximum Loading Height	6290 mm	20'8"	6090 mm	20'0"	8460 mm	27'9"	8120 mm	26'8"
5 Minimum Loading Height	1970 mm	6'6"	2390 mm	7'10"	3330 mm	10'11"	3720 mm	12'2"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6770 mm	22'3"	6330 mm	20'9"	6530 mm	21'5"	6110 mm	20'1"
7 Maximum Vertical Wall Digging Depth	6120 mm	20'1"	5710 mm	18'9"	5260 mm	17'3"	4860 mm	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"

*8.5% Auto Dig Boost pressure not included.

323 Narrow, High Drawbar Hydraulic Excavator Specifications

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

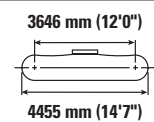
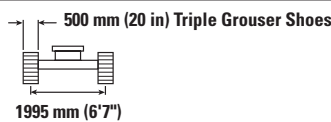
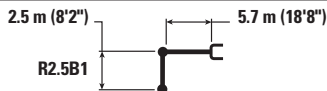
Narrow Undercarriage



Reach Boom Lift Capacity	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							*4950	*4950			*4300 *9,500	*4300 *9,500	6150 240	
6000 mm 240 in							*5450 *11,950	5050 10,850			*3950 *8,750	3700 8,200	7290 290	
4500 mm 180 in							*6000 *13,050	4900 10,550	*5650 *12,350	3500 7,500	*3900 *8,550	3150 6,950	7990 320	
3000 mm 120 in					*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					*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			*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 Lift Capacity	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	
7500 mm 300 in									*5150 *11,500	*5150 *11,500	5600 220
6000 mm 240 in					*5900 *12,950	5000 10,700			*4750 *10,450	4050 9,050	6830 270
4500 mm 180 in			*7400 *16,000	7400 15,900	*6400 *13,900	4850 10,450	*5250 *11,575	3450 7,600	*4650 *10,200	3400 7,500	7570 300
3000 mm 120 in			*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			*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			*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.

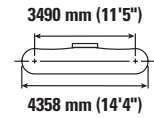
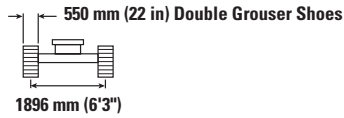
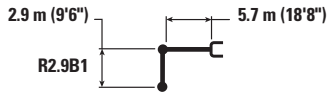
Lift capacity stays with ±5% for all available track shoes.

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

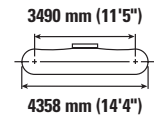
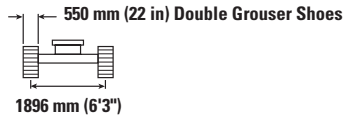
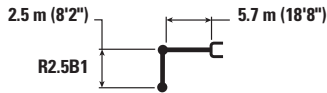
High Drawbar Undercarriage



		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							*5200 *9,500	5100 *9,500			*4250 *9,450	*4250 *9,450	6220 240
6000 mm 240 in	kg lb							*5450 *11,950	5100 10,900			*3950 *8,750	3700 8,200	7330 290
4500 mm 180 in	kg lb							*6050 *13,100	4950 10,600	*5650 *12,400	3500 7,550	*3900 *8,550	3150 7,000	8010 320
3000 mm 120 in	kg lb					*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	kg lb					*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	kg lb			*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	kg lb	*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	kg lb	*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	kg lb			*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



		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 *11,400	*5150 *11,400	5670 220
6000 mm 240 in	kg lb					*5900 *13,000	5000 10,750			*4750 *10,450	4050 9,000	6880 270
4500 mm 180 in	kg lb			*7500 *16,200	7400 15,950	*6400 *13,950	4900 10,500	*5450 *12,500	3500 7,700	*4650 *10,200	3400 7,550	7600 300
3000 mm 120 in	kg lb			*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	kg lb			*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	kg lb			*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	kg lb	*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	kg lb	*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	kg lb			*7700 *16,100	6600 14,300					*6850 *15,200	5950 13,650	4890 190



ISO 10567



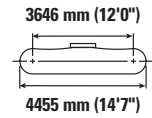
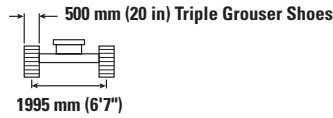
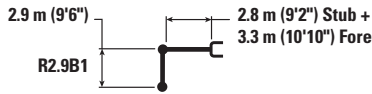
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
9000 mm 360 in	kg lb		*6400 *12,500	*6400 *12,500					*5150 *11,600	*5150 *11,600	4900 180	
7500 mm 300 in	kg lb		*7050 *15,500	*7050 *15,500	*6300 *13,050	5050 10,750			*4300 *9,500	4200 9,450	6630 260	
6000 mm 240 in	kg lb		*7250 *15,850	*7250 *15,850	*7150 *15,600	5000 10,700	*5050 *8,950	3400 7,250	*3950 *8,750	3250 7,200	7690 300	
4500 mm 180 in	kg lb	*13 250 *25,800	*13 250 *25,800	*9500 *20,550	7350 15,900	*7550 *16,350	4750 10,250	*6100 *13,150	3350 7,150	*3850 *8,500	2750 6,100	8350 330
3000 mm 120 in	kg lb		*10 700 *23,150	6650 14,400	*8050 *17,400	4450 9,600	6000 12,850	3200 6,850	*3900 *8,600	2500 5,550	8710 350	
1500 mm 60 in	kg lb		*11 300 *24,500	6100 13,100	8100 17,450	4150 8,950	5800 12,500	3050 6,550	*4100 *9,000	2400 5,300	8790 350	
0 mm 0 in	kg lb		*10 800 *23,450	5800 12,500	7900 16,950	3950 8,550	5700 12,250	2950 6,350	*4450 *9,800	2450 5,400	8610 340	
-1500 mm -60 in	kg lb	*9250 *21,050	*9250 *21,050	*9350 *20,300	5750 12,350	*7250 *15,650	3900 8,400	*5450 *11,550	2900 6,300	*4450 *9,750	2650 5,800	8150 320
-3000 mm -120 in	kg lb		*7050 *15,150	5850 12,550	*5550 *11,750	3950 8,500			*3750 *8,300	3100 6,900	7290 280	



ISO 10567



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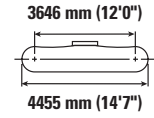
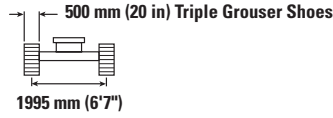
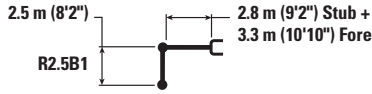
Max Length of VAB.













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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
9000 mm 360 in	kg lb									*6450 *14,700	*6450 *14,700	4130 150
7500 mm 300 in	kg lb			*8300 *18,200	7900 17,000	*5750 4900				*5200 *11,500	4750 10,800	6080 240
6000 mm 240 in	kg lb	*8000	*8000	*8850 *19,350	7750 16,650	*7450 10,500				*4750 *10,500	3550 7,900	7230 290
4500 mm 180 in	kg lb	*14,700 *31,450	13400 29,000	*9950 *21,450	7200 15,550	*7800 *16,900	4700 10,100	6100 13,050	3300 7,050	*4600 *10,150	3000 6,600	7930 310
3000 mm 120 in	kg lb			*11,050 *23,800	6550 14,100	*8200 *17,750	4400 9,500	5950 12,800	3200 6,850	*4700 *10,300	2700 5,950	8300 330
1500 mm 60 in	kg lb			*11,300 *24,550	6000 12,950	8100 17,350	4150 8,900	5800 12,500	3050 6,550	*4950 *10,800	2600 5,700	8390 330
0 mm 0 in	kg lb			*10,450 *22,750	5800 12,500	7900 16,950	4000 8,550	5700 12,300	2950 6,400	5050 11,100	2650 5,800	8200 320
-1500 mm -60 in	kg lb			*8750 *19,050	5800 12,500	*6950 *14,950	3950 8,500	*4950 *10,400	3000 6,400	*4550 *10,000	2900 6,350	7720 310
-3000 mm -120 in	kg lb					*4850 *10,250	4050 8,700			*4350 *9,850	3750 8,450	6380 250



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.

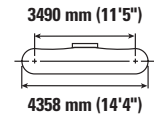
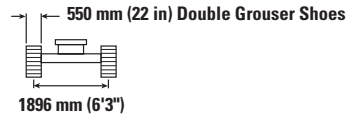
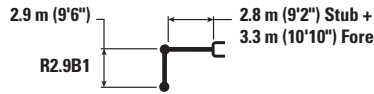
Max Length of VAB.












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	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
												
9000 mm 360 in	kg lb			*6600 *13,250	*6600 *13,250					*5050 *11,450	*5050 *11,450	5010 190
7500 mm 300 in	kg lb			*7000 *15,500	*7000 *15,500	*6400 *13,350	5050 10,800			*4250 *9,450	4150 9,400	6690 260
6000 mm 240 in	kg lb			*7250 *15,950	*7250 *15,950	*7200 *15,600	5000 10,750	*5250 *9,550	3450 7,300	*3950 *8,750	3250 7,200	7730 310
4500 mm 180 in	kg lb	*13,750 *28,750	13750 *28,750	*9550 *20,650	7350 15,850	*7600 *16,400	4800 10,300	6050 13,000	3350 7,200	*3850 *8,500	2800 6,150	8380 330
3000 mm 120 in	kg lb			*10,750 *23,250	6650 14,400	*8050 *17,450	4450 9,650	5900 12,700	3250 6,950	*3900 *8,600	2550 5,600	8720 350
1500 mm 60 in	kg lb			*11,300 *24,500	6100 13,150	7950 17,100	4200 9,000	5750 12,350	3100 6,600	*4100 *9,050	2450 5,400	8790 350
0 mm 0 in	kg lb			*10,750 *23,350	5800 12,550	7750 16,650	4000 8,600	5600 12,100	3000 6,400	*4500 *9,850	2500 5,450	8600 340
-1500 mm -60 in	kg lb	*9500 *21,650	*9500 *21,650	*9300 *20,100	5750 12,400	*7200 *15,550	3950 8,450	*5350 *11,400	2950 6,350	*4400 *9,650	2700 5,900	8120 320
-3000 mm -120 in	kg lb			*6900 *14,850	5850 12,650	*5400 *11,500	4000 8,600			*3800 *8,450	3200 7,150	7180 280



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.

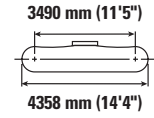
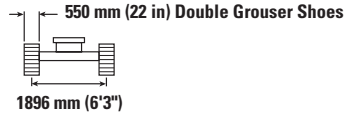
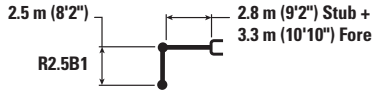
VA cylinder is flexible.













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



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in	
												
9000 mm 360 in	kg lb									*6350 *14,400	*6350 *14,400	4260 160
7500 mm 300 in	kg lb			*8300 *18,200	7950 17,000	*6100 13,900	4900 10,800			*5150 *11,450	4700 *10,650	6160 240
6000 mm 240 in	kg lb	*8100 *17,650	*8100 *17,650	*8950 *19,500	7700 16,650	*7450 *16,250	4900 10,550			*4750 *10,450	3550 7,900	7270 290
4500 mm 180 in	kg lb	*31,850	28,600	*10,000 *21,600	7200 15,550	*7800 *16,950	4700 10,150	6000 12,900	3350 7,100	*4600 *10,150	3000 6,650	7960 320
3000 mm 120 in	kg lb			*11,050 *23,900	6500 14,100	*8200 17,700	4400 9,550	5900 12,650	3200 6,900	*4700 *10,300	2750 6,000	8310 330
1500 mm 60 in	kg lb			*11,300 *24,500	6000 13,000	7950 17,050	4150 8,950	5750 12,350	3100 6,600	4900 10,750	2650 5,800	8390 330
0 mm 0 in	kg lb			*10,400 *22,600	5850 12,550	7750 16,650	4000 8,650	5650 12,150	3000 6,450	5000 11,050	2700 5,900	8190 330
-1500 mm -60 in	kg lb			*8650 *18,800	5850 12,550	*6850 *14,800	3950 8,550	*4900 *10,150	3000 6,500	*4500 *9,900	2950 6,450	7690 310
-3000 mm -120 in	kg lb					*4700 10,300	4050 8,900			*4550 *10,600	3950 8,300	6120 230



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	X
	B	1400	55	1.43	1.87	879	1,937	100	○	◇	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	⊖	○	◇	X	⊖	○	◇	◇	◇
	B	1400	55	1.43	1.87	874	1,926	100	○	◇	X	X	○	◇	X	X	X
	B	1500	60	1.58	2.06	914	2,014	100	◇	◇	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	○	○	◇	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

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(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.

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

PIN-ON 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	✓	✓	✓	✓
	MP324 Shear Jaw	✓*			
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓*	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓*	
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓*
	P318 Primary Pulverizer	✓	✓	✓	✓*
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.

<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)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS (continued)

Undercarriage		Long Narrow				
		4.5 mt (10,031 lb)				
Counterweight		Reach		VA		
		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	
Boom Type						
Stick Length		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	○				
	GSH520-500	●	●	●	●	
	GSH520-600	●	●	●	○	
	GSH520-750	●	○	○	○	
	GSH525-750	○				
	GSV420-400	●	●	●	●	
	GSV420-500	●	●	●	●	
	GSV420-600	●	●	●	●	
	GSV420-750	○	○	○	●	
	GSV420-1250	◇	◇	◇	◇	
	GSV425-600	●	●	○	○	
	GSV425-750	●	○	○		
	GSV425-950	○				
	GSV425-1550	◇	◇			
	GSV520-400	●	●	●	●	
	GSV520-500	●	●	●	●	
	GSV520-600	●	●	●	●	
	GSV520-750	●	●	○	○	
	GSV525-600	●	○	○		
	GSV525-750	○	○			
	Clamshell Grapples	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

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		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	✓	✓	✓	✓
	MP324 Shear Jaw	✓*			
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓*	
	G324	✓*			
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓*	
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓*
	P318 Primary Pulverizer	✓	✓	✓	✓*
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

(continued on next page)

323 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.

<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)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS *(continued)*

Undercarriage		High Drawbar				
		4.5 mt (10,031 lb)				
Counterweight		Reach		VA		
		2.5 m (8'2")	2.9 m (9'6")	2.5 m (8'2")	2.9 m (9'6")	
Boom Type						
Stick Length		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	○				
	GSH520-500	●	●	●	●	
	GSH520-600	●	●	●	○	
	GSH520-750	●	○	○	○	
	GSH525-750	○				
	GSV420-400	●	●	●	●	
	GSV420-500	●	●	●	●	
	GSV420-600	●	●	●	●	
	GSV420-750	○	○	○	●	
	GSV420-1250	◇	◇	◇	◇	
	GSV425-600	●	●	●	○	
	GSV425-750	●	○	○	○	
	GSV425-950	○	○			
	GSV425-1550	◇	◇			
	GSV520-400	●	●	●	●	
	GSV520-500	●	●	●	●	
	GSV520-600	●	●	●	●	
	GSV520-750	●	●	○	○	
	GSV525-600	●	○	○		
	GSV525-750	○	○			
	Clamshell Grapples	CTV15-1000	○	○	○	
		CTV15-1200	○			

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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	✓*			
Pulverizers	P218 Secondary Pulverizer	✓*			
	P318 Primary Pulverizer	✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS (continued)

Undercarriage		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	✓*			
Pulverizers	P218 Secondary Pulverizer	✓*			
	P318 Primary Pulverizer	✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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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-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 Flat Top	✓*			
Pulverizers	P218 Secondary Pulverizer	✓	✓*		
	P318 Primary Pulverizer	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

CW-40S DEDICATED COUPLER ATTACHMENTS (continued)

Undercarriage		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 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	P218 Secondary Pulverizer	✓	✓	✓*	
	P318 Primary Pulverizer	✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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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 Flat Top	✓*			
Pulverizers	P218 Secondary Pulverizer	✓	✓*		
	P318 Primary Pulverizer	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

CW-40 DEDICATED COUPLER ATTACHMENTS (continued)

Undercarriage		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	✓	✓	✓	✓
	G317 GC fixed CAN	✓	✓	✓	✓
	G318	✓	✓	✓	✓*
	G318 fixed CAN	✓	✓	✓	✓*
	G318 WH-800	✓	✓	✓	✓*
	G318 WH-1100	✓	✓*		
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓*			
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓*	
	P318 Primary Pulverizer	✓	✓		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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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	P218 Secondary Pulverizer	✓	✓*		
	P318 Primary Pulverizer	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

S70 DEDICATED COUPLER ATTACHMENTS (continued)

Undercarriage		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 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	P218 Secondary Pulverizer	✓	✓*		
	P318 Primary Pulverizer	✓	✓*		
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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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 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	P218 Secondary Pulverizer	✓*			
	P318 Primary Pulverizer	✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

HCS70 COUPLER ATTACHMENTS (continued)

Undercarriage		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 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	P218 Secondary Pulverizer	✓*			
	P318 Primary Pulverizer	✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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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 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	✓	✓*		
Pulverizer	P218 Secondary Pulverizer	✓*			
	P318 Primary Pulverizer	✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

HCS70/55 COUPLER ATTACHMENTS (continued)

Undercarriage		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 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	✓	✓		
Pulverizer	P218 Secondary Pulverizer	✓*			
	P318 Primary Pulverizer	✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

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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

BOOM-MOUNT ATTACHMENTS

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

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
BOOMS, STICKS AND LINKAGES			ELECTRICAL SYSTEM		
5.7 m (18'8") Reach boom	✓		1,000 CCA maintenance-free batteries (×2)	✓	
2.7 m (8'10") stub + 3.3 m (10'10") fore, Variable Angle boom		✓	Programmable time-delay LED working lights	✓	
2.5 m (8'2") Reach stick, B1 linkage		✓	LED chassis light, left-hand/right-hand boom lights, cab lights	✓	
2.9 m (9'6") Reach stick, B1 linkage	✓		Premium lighting package		✓
CAT TECHNOLOGY			Centralized electrical disconnect switch	✓	
Cat Product Link™	✓		Programmable time delay LED working lights: one chassis mounted, one left-hand boom mounted	✓	
Remote Flash	✓		ENGINE		
Remote Troubleshoot	✓		Cat® C7.1 single turbo engine	✓	
Cat Grade Connectivity		✓	Three selectable modes	✓	
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓		Automatic engine speed control	✓	
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓		Automatic engine idle shutdown	✓	
Cat Grade with 2D and offset memory	✓		4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
Cat Grade with Advanced 2D		✓	52° C (125° F) high-ambient cooling capacity with derate	✓	
Cat Grade with 3D single GNSS		✓	-18° C (0° F) cold start capability	✓	
Cat Grade with 3D dual GNSS		✓	-32° C (-25° F) cold start capability		✓
Cat Assist:	✓		145 Amp alternator	✓	
– Grade Assist			Electric fuel priming pump	✓	
– Boom Assist			Reversible electric cooling fans	✓	
– Bucket Assist			Two-stage fuel filtration system with water separator and indicator	✓	
– Swing Assist			Sealed double element air filter with integrated precleaner	✓	
– 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	✓				
Laser catcher		✓			
Work tool recognition	✓				
Work tool tracking**	✓				

(continued on next page)

*Not available for VA Boom.

**Requires PL161 attachment locator on work tool and Bluetooth receiver on machine.

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
HYDRAULIC SYSTEM			SERVICE AND MAINTENANCE		
Electronic main control valve	✓		Side entry to service platform	✓	
Auto Dig Boost ⁽¹⁾	✓		Grouped location for engine oil and fuel filters	✓	
Auto heavy lift	✓		Ground-level 2nd dipstick for engine oil	✓	
Electric boom regeneration circuit	✓		Scheduled Oil Sampling (S·O·S) ports	✓	
Stick regeneration circuit	✓		Integrated vehicle health management system		✓
Automatic hydraulic oil warm up	✓		UNDERCARRIAGE AND STRUCTURES		
Automatic two-speed travel	✓		Tie-down points on base frame (ISO 15818 compliant)	✓	
Boom and stick drift reduction valve	✓		Segmented track guiding guards	✓	
Medium-pressure circuit	✓		Full-length track guiding guards for Narrow undercarriage		✓
Quick coupler circuit	✓		HD bottom guards	✓	
Tandem type electronic main pump	✓		Swivel guard		✓
Element type main hydraulic filter	✓		Narrow undercarriage with base frame, rollers, final drive	✓	
SAFETY AND SECURITY			High Drawbar undercarriage with base frame, rollers, final drive		✓
Rear and right-hand-sideview cameras	✓		Swing alarm		✓
360° visibility		✓	Grease lubricated track	✓	
Cab mirror for right-hand side track edge		✓	4.55 mt (10,031 lb) counterweight	✓	
Right-hand handrail and handhold (ISO 2867 compliant)	✓		500 mm (20 in) triple grouser track shoes for Narrow undercarriage	✓	
Signaling/warning horn	✓		550 mm (22 in) double grouser track shoes for High Drawbar undercarriage		✓
Swing alarm		✓			
Service platform with anti-skid plate and countersunk bolts	✓				
Hydraulic lock out lever neutralizes all controls	✓				
Ground-level engine shutoff switch	✓				

⁽¹⁾Requires heavy lift valve; not available for VA Boom.

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

- 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 (two piece windshield)	Premium (one piece windshield)
ROPS	●	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●	●
Auto bi-level air conditioner	●	●	●
Jog dial and shortcut keys for monitor control	●	●	●
Keyless push-to-start engine control	●	●	●
Height-adjustable console	●	●	●
Tilt-up left-side console	●	●	●
Heated air-suspension seat	●	X	X
Heated and ventilated air-suspension seat	X	●	●
51 mm (2") seat belt	●	●	●
DAB/DAB+ radio with Bluetooth (includes USB/Aux ports)	●	●	●
12V DC outlets	●	●	●
Document storage	●	●	●
Overhead storage and rear storage with nets	●	●	●
Beverage holder	●	●	●
Cup holder	●	●	●
Openable two-piece front window	●	●	○
One piece front windshield	X	○	●
Rear window emergency exit	●	●	●
Radial wiper with washer	●	X	X
Parallel wiper	X	●	●
Openable polycarbonate skylight hatch	●	●	X
Laminated roof glass	X	X	●
LED dome light	●	●	●
Floor welcome light	●	●	●
Roof sunscreen	●	●	●
Roller front sunscreen	●	●	●
Roller rear sunscreen	○	●	●
Washable floor mat	●	●	●
Beacon ready	●	●	●
Cat Stick Steer	○	○	○
Auxiliary relay	○	○	○

- Standard
- Optional
- X Not available

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