

323
Hydraulic Excavator

Technical Specifications

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

Table of Contents

Specifications 2

Engine 2
Swing Mechanism 2
Weights 2
Track 2
Drive 2
Hydraulic System 2
Service Refill Capacities 2
Standards 2
Sound Performance 2
Operating Weights and Ground Pressures 3
Major Component Weights 4
Dimensions 5
Working Ranges 6
Heavy Duty (HD) Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,260 lb) 8
HD Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) 10
Super Long Reach (SLR) Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) 12
Bucket Specifications and Compatibility:
Africa, Middle East 16
Eurasia 17
Attachments Offering Guide 18

Standard and Optional Equipment 23
Dealer Installed Kit and Attachments 25
Cab Options 26
323 Environmental Declaration 27

323 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C7.1	
Net Power		
ISO 9249	117 kW	157 hp
ISO 9249 (DIN)	159 hp (metric)	
Engine Power		
ISO 14396	118 kW	158 hp
ISO 14396 (DIN)	160 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in³
Biodiesel capability	Up to B20(1)	

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

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

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

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

**For use of blends higher than 20% biodiesel, consult your Cat dealer.*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Swing Mechanism

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

*For CE-marked machine default value may be set lower.

Weights

Operating Weight	22 900 kg	50,500 lb

- Long undercarriage, Heavy Duty (HD) Reach boom, HD R2.9 (9'6") stick, 1.30 m³ (1.70 yd³) HD bucket, 600 mm (24") HD shoes, and 4.2 mt (9,260 lb) counterweight.

Track

Standard Track Shoe Width	600 mm	24 in
Optional Track Shoe Width	790 mm	31 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull	204 kN	45,861 lbf

Hydraulic System

Main System – Maximum Flow – Implement	429 L/min (215 × 2 pumps)	113 gal/min (57 × 2 pumps)
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode/Auto Dig Boost	38 000 kPa	5,510 psi
Maximum Pressure – Travel	34 300 kPa	4,974 psi
Maximum Pressure – Swing	27 500 kPa	3,998 psi
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

Service Refill Capacities

Fuel Tank Capacity	345 L	91.1 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	12 L	3.2 gal
Final Drive	5 L	1.3 gal
Hydraulic System (including tank)	234 L	61.8 gal
Hydraulic Tank	115 L	30.4 gal

Standards

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

Sound Performance

ISO 6395:2008 (external)	100 dB(A)
ISO 6396:2008 (inside cab)	70 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Cat machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Operating Weights and Ground Pressures

Base Machine Configurations	600 mm (24") HD Triple Grouser Shoes				790 mm (31") HD Triple Grouser Shoes			
	Weight		Ground Pressure		Weight		Ground Pressure	
	kg	lb	kPa	psi	kg	lb	kPa	psi
Base Frame with Track Rollers and Carrier Rollers								
4.2 mt (9,260 lb) Counterweight + Long Undercarriage Base Machine								
HD Reach Boom + HD R2.9 (9'6") Stick + 1.30 m^3 (1.70 yd^3) HD Bucket	22 900	(50,500)	47.6	(6.9)	23 600	(52,000)	37.3	(5.4)
5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine								
HD Reach Boom + HD R2.9 (9'6") Stick + 1.30 m^3 (1.70 yd^3) HD Bucket	24 300	(53,600)	50.5	(7.3)	25 000	(55,100)	39.5	(5.7)
5.4 mt (11,900 lb) Counterweight + Long Undercarriage Base Machine								
Super Long Reach Boom + 6.28A (20'7") Super Long Reach Stick + 0.57 m^3 (0.74 yd^3) Ditch Cleaning (DC) Bucket	23 800	(52,500)	49.5	(7.2)	24 600	(54,200)	38.9	(5.6)

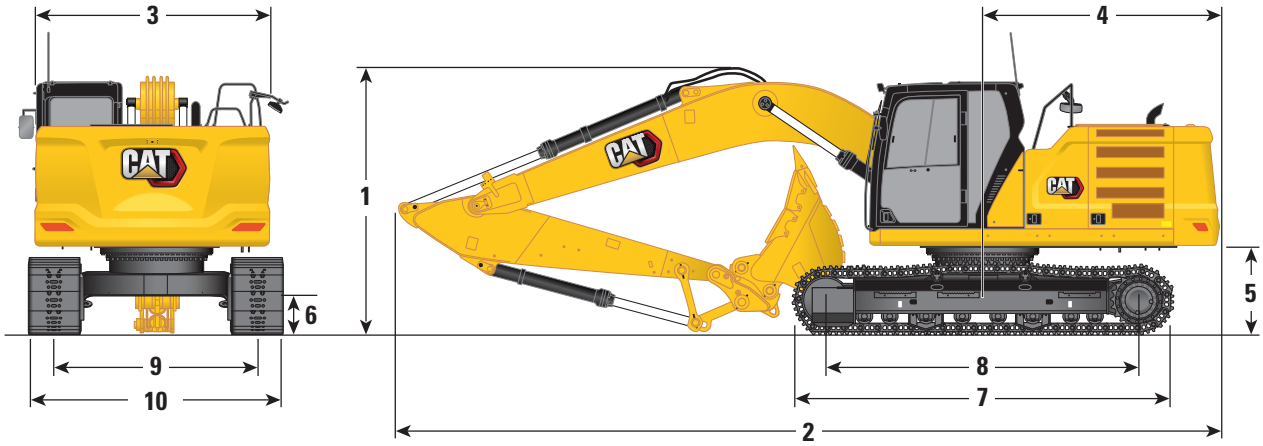
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

Major Component Weights

	kg	lb
Base Machine (with 4.2 mt [9,260 lb] counterweight, semi-HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator).	15 000	33,100
Base Machine (with 5.4 mt [11,900 lb] counterweight, HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator).	16 400	36,100
Track Shoes:		
600 mm (24") Width, 12.5 mm (0.49") Thick Triple Grouser HD Track Shoes	3080	6,800
790 mm (31") Width, 12.5 mm (0.49") Thick Triple Grouser HD Track Shoes with step extension	3800	8,400
Boom Cylinders	340	750
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	310	680
Counterweights:		
4.2 mt (9,260 lb) Counterweight	4200	9,300
5.4 mt (11,900 lb) Counterweight	5400	11,900
Swing Frames:		
Semi-HD Swing Frame	1910	4,210
HD Swing Frame	2090	4,600
Undercarriage:		
HD Base Frame with SD Track Rollers and Standard Carrier Rollers	4470	9,900
Booms (including lines, pins, stick cylinder):		
HD Reach Boom 5.7 m (18'8")	2010	4,400
Super Long Reach (SLR) Boom 8.85 m (29'0")	1980	4,400
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
HD Reach Stick R2.9B1 (9'6")	1210	2,700
HD Reach Stick R2.5B1 (8'2")	1180	2,600
Super Long Reach Stick 6.28A (20'7")	1340	2,950
Buckets (without linkage):		
1.30 m^3 (1.70 yd^3) HD	930	2,000
0.57 m^3 (0.74 yd^3) Ditch Cleaning (DC)	390	850
0.53 m^3 (0.69 yd^3) General Duty (GD)	410	900

Dimensions

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



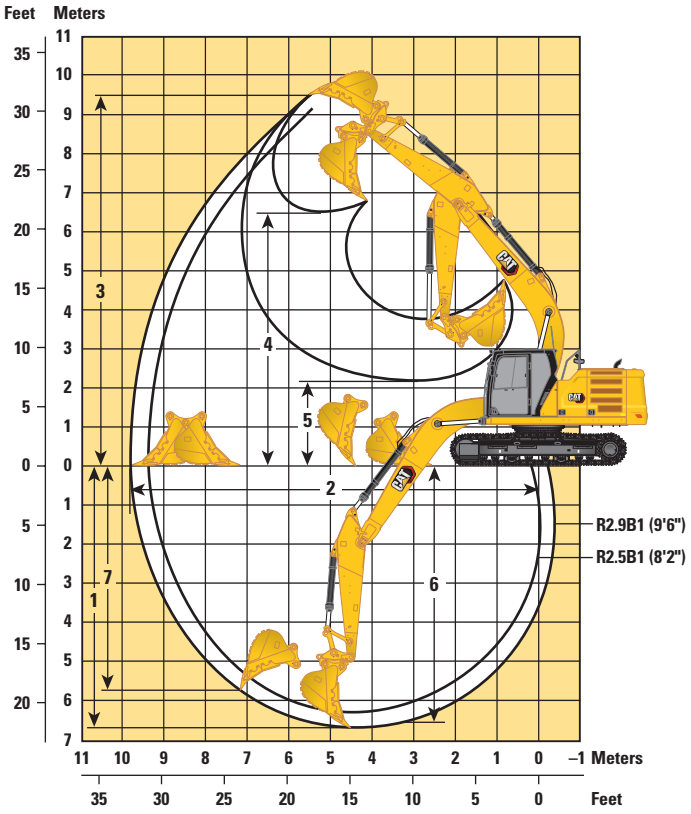
Boom Options	HD Reach Boom 5.7 m (18'8")				Super Long Reach Boom 8.85 m (29'0)	
Stick Options	HD Reach Sticks R2.9B1 (9'6")		R2.5B1 (8'2")		Super Long Reach Stick 6.28A (20'7")	
1 Machine Height:						
Top of Cab Height	2960 mm	9'9"	2960 mm	9'9"	2960 mm	9'9"
Top of Global Navigation Satellite System (GNSS) Antenna Height (if installed)	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
Top of OPG Height	3100 mm	10'2"	3100 mm	10'2"	3100 mm	10'2"
Handrail Height	2950 mm	9'8"	2950 mm	9'8"	2950 mm	9'8"
With Boom/Stick/Bucket Installed	3160 mm	10'4"	3080 mm	10'1"	3190 mm	10'6"
With Boom/Stick Installed	2910 mm	9'7"	2910 mm	9'7"	3070 mm	10'1"
With Boom Installed	2480 mm	8'2"	2480 mm	8'2"	2650 mm	8'8"
2 Machine Length:						
With Boom/Stick/Bucket Installed	9530 mm	31'3"	9530 mm	31'3"	12 750 mm	41'10"
With Boom/Stick Installed	9500 mm	31'2"	9500 mm	31'2"	12 760 mm	41'10"
With Boom Installed	8450 mm	27'9"	8450 mm	27'9"	8920 mm	29'3"
3 Upperframe Width	2780 mm	9'1"	2780 mm	9'1"	2780 mm	9'1"
4 Tail Swing Radius	2830 mm	9'3"	2830 mm	9'3"	2830 mm	9'3"
5 Counterweight Clearance	1050 mm	3'5"	1050 mm	3'5"	1050 mm	3'5"
6 Ground Clearance	470 mm	1'7"	470 mm	1'7"	470 mm	1'7"
7 Track Length	4450 mm	14'7"	4450 mm	14'7"	4450 mm	14'7"
8 Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0
9 Track Gauge	2380 mm	7'10"	2380 mm	7'10"	2380 mm	7'10"
10 Undercarriage Width:						
600 mm (24") Shoes	2980 mm	9'9"	2980 mm	9'9"	2980 mm	9'9"
790 mm (31") Shoes	3170 mm	10'5"	3170 mm	10'5"	3170 mm	10'5"
Bucket Type	HD		HD		DC*	
Bucket Capacity	1.30 m^3	1.70 yd^3	1.30 m^3	1.70 yd^3	0.57 m^3	0.74 yd^3
Bucket Tip Radius	1580 mm	5'2"	1580 mm	5'2"	1073 mm	3'5"

*SLR has same data with 0.53 m^3 (0.69 yd^3) GD bucket/1224 mm (4.0 ft) bucket tip radius.

323 Hydraulic Excavator Specifications

Working Ranges

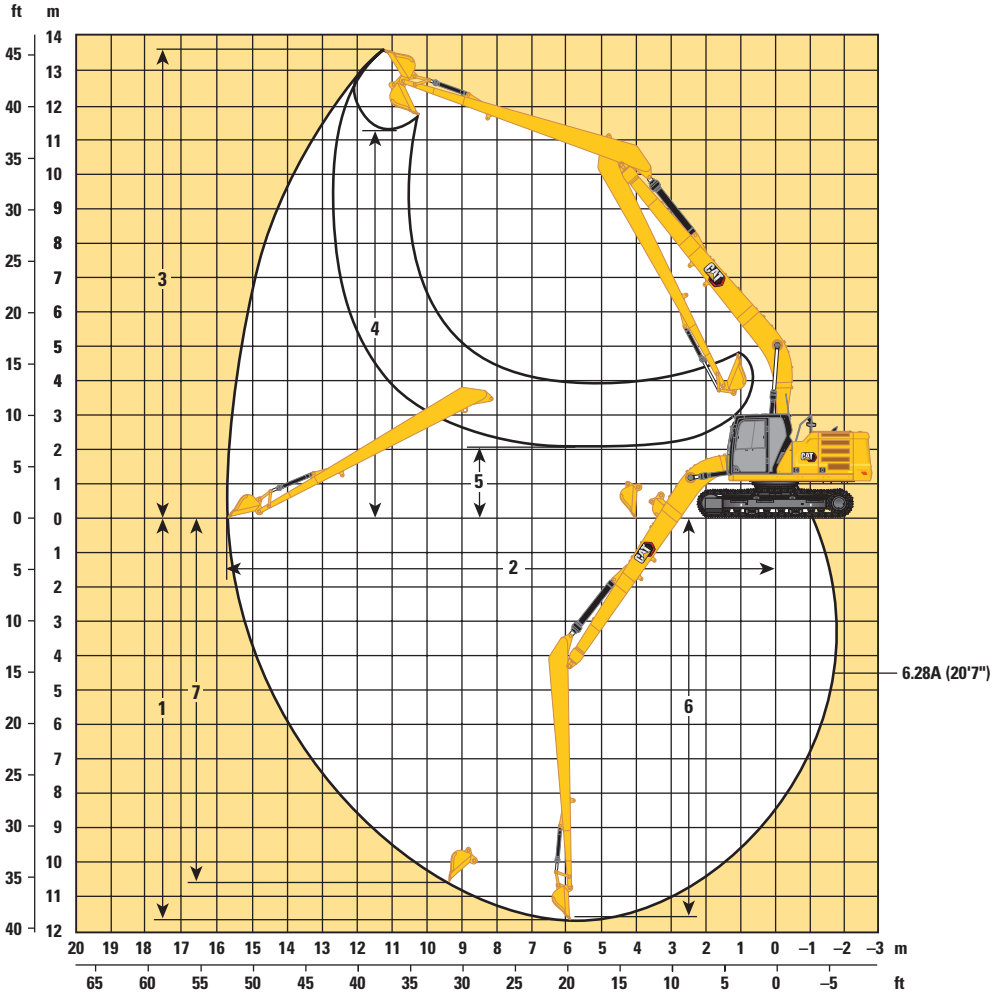
All dimensions are approximate and may vary depending on bucket selection.



Boom Options	HD Reach Boom 5.7 m (18'8")			
Stick Options	**HD Reach Sticks**			
	R2.9B1 (9'6")		**R2.5B1 (8'2")**	
1 Maximum Digging Depth	6730 mm	22'1"	6310 mm	20'8"
2 Maximum Reach at Ground Line	9870 mm	32'4"	9470 mm	31'1"
3 Maximum Cutting Height	9450 mm	31'0"	9250 mm	30'4"
4 Maximum Loading Height	6480 mm	21'3"	6280 mm	20'7"
5 Minimum Loading Height	2160 mm	7'1"	2580 mm	8'6"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6560 mm	21'6"	6120 mm	20'1"
7 Maximum Vertical Wall Digging Depth	5620 mm	18'5"	5230 mm	17'2"
Bucket Digging Force (ISO)	140 kN	31,505 lbf	140 kN	31,505 lbf
Stick Digging Force (ISO)	107 kN	23,962 lbf	118 kN	26,550 lbf
Bucket Digging Force (ISO) – Auto Dig Boost	152 kN	34,205 lbf	152 kN	34,205 lbf
Stick Digging Force (ISO) – Auto Dig Boost	116 kN	26,016 lbf	128 kN	28,826 lbf
Bucket Type	HD		HD	
Bucket Capacity	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"

Working Ranges

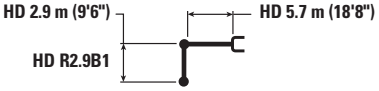
All dimensions are approximate and may vary depending on bucket selection.



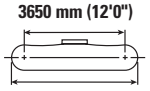
Boom Option	Super Long Reach Boom 8.85 m (29'0)			
Stick Options	**Super Long Reach Stick 6.28A (20'7")**			
1 Maximum Digging Depth	11 540 mm	37'10"	11 690 mm	38'4"
2 Maximum Reach at Ground Line	15 570 mm	51'1"	15 730 mm	51'7"
3 Maximum Cutting Height	13 540 mm	44'5"	13 610 mm	44'8"
4 Maximum Loading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

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

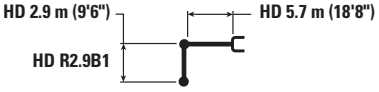




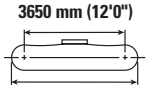


		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
														mm in
7500 mm 300 in	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6150 240
6000 mm 240 in	kg lb							*5300 *11,650	*5300 *11,650			*3900 *8,650	*3900 *8,650	7290 290
4500 mm 180 in	kg lb							*5850 *12,700	5350 11,550	*5500 *12,000	3750 8,050	*3850 *8,450	3400 7,500	7990 320
3000 mm 120 in	kg lb					*8550 *18,350	7800 16,800	*6700 *14,500	5100 11,000	5700 12,200	3650 7,850	*3950 *8,650	3100 6,750	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	7250 15,600	*7600 *16,450	4850 10,400	5550 11,900	3550 7,550	*4150 *9,150	2950 6,500	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	6950 14,900	7550 16,200	4650 10,000	5450 11,700	3450 7,350	*4600 *10,150	3000 6,600	8260 330
–1500 mm –60 in	kg lb	*7000 *15,650	*7000 *15,650	*11 350 *25,750	*11 350 *25,750	*11 400 *24,700	6850 14,700	7450 16,000	4550 9,800	5400 11,650	3400 7,300	5150 11,350	3250 7,150	7780 310
–3000 mm –120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	13 350 28,600	*10 700 *23,050	6900 14,850	7500 16,100	4600 9,900			6100 13,500	3800 8,450	6950 280
–4500 mm –180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	7100 15,350					*6550 *14,350	5300 11,900	5600 220

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







		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
														mm in
7500 mm 300 in	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6150 240
6000 mm 240 in	kg lb							*5300 *11,650	*5300 *11,650			*3900 *8,650	*3900 *8,650	7290 290
4500 mm 180 in	kg lb							*5850 *12,700	5500 11,850	*5500 *12,000	3900 8,300	*3850 *8,450	3500 7,700	7990 320
3000 mm 120 in	kg lb					*8550 *18,350	8000 17,300	*6700 *14,500	5250 11,300	*5850 12,600	3750 8,100	*3950 *8,650	3150 7,000	8360 330
1500 mm 60 in	kg lb					*10 350 *22,250	7450 16,050	*7600 *16,450	5000 10,750	5700 12,300	3650 7,800	*4150 *9,150	3050 6,700	8450 340
0 mm 0 in	kg lb			*6550 *15,050	*6550 *15,050	*11 300 *24,450	7150 15,350	7800 16,750	4800 10,300	5600 12,050	3550 7,600	*4600 *10,150	3100 6,800	8260 330
–1500 mm –60 in	kg lb	*7000 *15,650	*7000 *15,650	*11 350 *25,750	*11 350 *25,750	*11 400 *24,700	7050 15,150	7700 16,500	4700 10,150	5600 12,000	3500 7,550	5300 11,700	3350 7,350	7780 310
–3000 mm –120 in	kg lb	*12 050 *27,000	*12 050 *27,000	*15 150 *32,750	13 750 29,500	*10 700 *23,050	7100 15,300	7750 16,600	4750 10,200			6300 13,950	3950 8,700	6950 280
–4500 mm –180 in	kg lb			*12 050 *25,750	*12 050 *25,750	*8650 *18,400	7350 15,800					*6550 *14,350	5450 12,250	5600 220

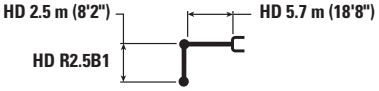
* ISO 10567:2007

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

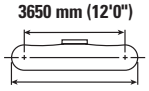
Lift capacity stays with ±5% for all available track shoes.

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

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

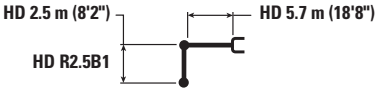




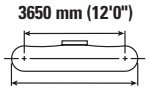


		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb									*5100 *11,350	*5100 *11,350	5600 220
6000 mm 240 in	kg lb					*5750 *12,600	5450 11,700			*4700 *10,350	4400 9,750	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	5300 11,350	*5150	3700	*4600 *10,100	3650 8,050	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	7650 16,500	*7000 *15,200	5050 10,850	5650 12,100	3600 7,750	*4700 *10,350	3300 7,250	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	7150 15,350	7700 16,550	4800 10,300	5500 11,850	3500 7,500	4950 10,950	3150 6,950	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	6900 14,800	7500 16,150	4650 9,950	5450 11,700	3400 7,350	5100 11,200	3200 7,050	7860 310
–1500 mm –60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	6850 14,700	7450 16,050	4600 9,850			5600 12,300	3500 7,750	7350 290
–3000 mm –120 in	kg lb	*14 150 *30,650	13 500 28900	*10 250 *22,200	6950 14,950	7550 *16,200	4650 10,050			*6800 *14,900	4250 9,400	6470 260
–4500 mm –180 in	kg lb			*7650 *16,000	7250 15,650					*6600 *14,500	6300 14,300	4980 200

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







		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb									*5100 *11,350	*5100 *11,350	5600 220
6000 mm 240 in	kg lb					*5750 *12,600	5600 12,000			*4700 *10,350	4500 10,050	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500	5450 11,700	*5150	3800	*4600 *10,100	3750 8,300	7570 300
3000 mm 120 in	kg lb			*9100 *19,600	7850 16,950	*7000 *15,200	5200 11,150	5800 12,500	3700 8,000	*4700 *10,350	3400 7,450	7960 320
1500 mm 60 in	kg lb			*10 750 *23,150	7350 15,800	*7850 *16,950	4950 10,650	5700 12,250	3600 7,750	*5000 *11,000	3250 7,150	8050 320
0 mm 0 in	kg lb			*11 450 *24,750	7100 15,250	7750 16,650	4750 10,250	5600 12,050	3550 7,600	5250 11,550	3300 7,300	7860 310
–1500 mm –60 in	kg lb	*11 950 *27,150	*11 950 *27,150	*11 300 *24,450	7050 15,200	7700 16,550	4700 10,150			5750 12,700	3650 8,000	7350 290
–3000 mm –120 in	kg lb	*14 150 *30,650	13 900 29,750	*10 250 *22,200	7150 15,400	*7600 *16,200	4800 10,350			*6800 *14,900	4350 9,700	6470 260
–4500 mm –180 in	kg lb			*7650 *16,000	7450 *16,000					*6600 *14,500	6500 *14,500	4980 200

* ISO 10567:2007

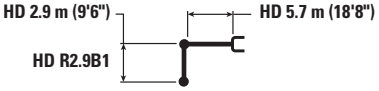
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

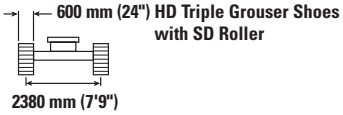
Lift capacity stays with ±5% for all available track shoes.

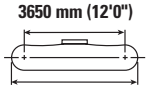
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

323 Hydraulic Excavator Specifications

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

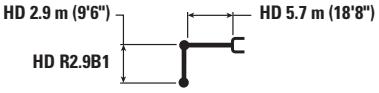


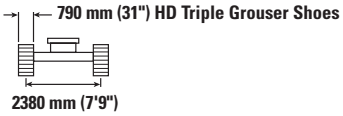


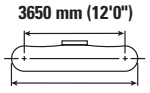


		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
														mm in
7500 mm 300 in	kg lb							*4900	*4900			*4250 *9,400	*4250 *9,400	6150 240
6000 mm 240 in	kg lb							*5300 *11,650	*5300 *11,650			*3900 *8,650	*3900 *8,650	7290 290
4500 mm 180 in	kg lb							*5850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

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







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

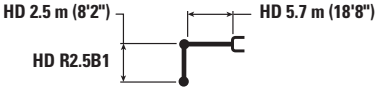
* ISO 10567:2007

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

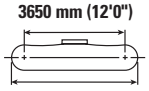
Lift capacity stays with ±5% for all available track shoes.

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

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

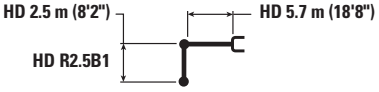




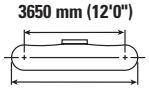


		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb									*5100 *11,350	*5100 *11,350	5600 220
6000 mm 240 in	kg lb					*5750 *12,600	*5750 *12,600			*4700 *10,350	*4700 *10,350	6830 270
4500 mm 180 in	kg lb			*7250 *15,600	*7250 *15,600	*6200 *13,500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

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







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

* ISO 10567:2007

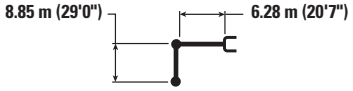
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

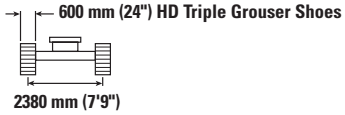
Lift capacity stays with ±5% for all available track shoes.

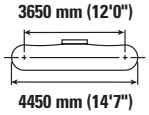
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

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 **480**	kg **lb**											*1450 ***3,200**	*1450 ***3,200**	10 350 **400**
10 500 **420**	kg **lb**											*1350 ***2,950**	*1350 ***2,950**	11 660 **460**
9000 **360**	kg **lb**											*1300 ***2,850**	*1300 ***2,850**	12 660 **500**
7500 **300**	kg **lb**											*1250 ***2,800**	*1250 ***2,800**	13 410 **530**
6000 **240**	kg **lb**											*1250 ***2,750**	*1250 ***2,750**	13 970 **550**
4500 **180**	kg **lb**											*1300 ***2,800**	*1300 ***2,800**	14 340 **570**
3000 **120**	kg **lb**			*4700 ***11,800**	*4700 ***11,800**	*6050 ***12,900**	*6050 ***12,900**	*4450 ***9,550**	*4450 ***9,550**	*3600 ***7,800**	*3600 ***7,800**	*1300 ***2,900**	*1300 ***2,900**	14 550 **580**
1500 **60**	kg **lb**					*6750 ***15,950**	*6750 **15,550**	*5250 ***11,300**	4950 **10,700**	*4100 ***8,850**	3700 **7,950**	*1400 ***3,000**	1300 **2,800**	14 600 **580**
0 **0**	kg **lb**			*2000 ***4,550**	*2000 ***4,550**	*4650 ***10,700**	*4650 ***10,700**	*5900 ***12,700**	4500 **9,750**	*4550 ***9,800**	3400 **7,300**	*1450 ***3,200**	1300 **2,800**	14 490 **570**
–1500 **–60**	kg **lb**	*2100 ***4,600**	*2100 ***4,600**	*2700 ***6,050**	*2700 ***6,050**	*4650 ***10,500**	*4650 ***10,500**	*6250 ***13,550**	4250 **9,150**	*4850 ***10,450**	3200 **6,850**	*1550 ***3,450**	1300 **2,800**	14 230 **560**
–3000 **–120**	kg **lb**	*2850 ***6,350**	*2850 ***6,350**	*3500 ***7,850**	*3500 ***7,850**	*5200 ***11,700**	*5200 ***11,700**	*6400 ***13,900**	4100 **8,850**	*5000 ***10,800**	3050 **6,600**	*1750 ***3,800**	1350 **2,950**	13 790 **550**
–4500 **–180**	kg **lb**	*3650 ***8,150**	*3650 ***8,150**	*4400 ***9,900**	*4400 ***9,900**	*6050 ***13,700**	*6050 **13,250**	*6400 ***13,800**	4050 **8,750**	*5050 ***10,850**	3000 **6,450**	*1950 ***4,300**	1450 **3,150**	13 170 **520**
–6000 **–240**	kg **lb**	*4550 ***10,100**	*4550 ***10,100**	*5400 ***12,150**	*5400 ***12,150**	*7200 ***16,300**	6250 **13,500**	*6150 ***13,250**	4100 **8,850**	*4900 ***10,550**	3050 **6,500**	*2300 ***5,100**	1600 **3,500**	12 340 **490**
–7500 **–300**	kg **lb**	*5500 ***12,250**	*5500 ***12,250**	*6550 ***14,800**	*6550 ***14,800**	*7300 ***15,650**	6450 **13,900**	*5650 ***12,150**	4200 **9,100**	*4550 ***9,750**	3100 **6,650**	*2700 ***5,950**	1850 **4,150**	11 240 **440**
–9000 **–360**	kg **lb**			*7950 ***17,450**	*7950 ***17,450**	*6150 ***13,100**	*6150 ***13,100**	*4850 ***10,350**	4400 **9,550**	*3900 ***8,300**	3250 **7,000**	*2700 ***5,900**	2350 **5,250**	9800 **380**

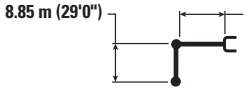
* **ISO 10567:2007**

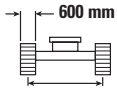
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

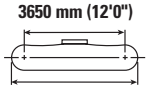
Lift capacity stays with ±5% for all available track shoes.

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

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







		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/520 in				
												mm **in**
12 000 **480**	kg **lb**									*1450 ***3,200**	*1450 ***3,200**	10 350 **400**
10 500 **420**	kg **lb**			*2200 ***4,850**	*2200 ***4,850**					*1350 ***2,950**	*1350 ***2,950**	11 660 **460**
9000 **360**	kg **lb**			*2200 ***4,800**	*2200 ***4,800**	*2200 ***4,200**	2150 ***4,200**			*1300 ***2,850**	*1300 ***2,850**	12 660 **500**
7500 **300**	kg **lb**			*2250 ***4,900**	*2250 ***4,900**	*2200 ***4,850**	2150 **4,600**			*1250 ***2,800**	*1250 ***2,800**	13 410 **530**
6000 **240**	kg **lb**			*2400 ***5,200**	*2400 ***5,200**	*2300 ***5,000**	2100 **4,450**	*2100 ***3,700**	1650 **3,500**	*1250 ***2,750**	*1250 ***2,750**	13 970 **550**
4500 **180**	kg **lb**	*2800 ***6,050**	*2800 ***6,050**	*2550 ***5,550**	2550 **5,450**	*2400 ***5,200**	2000 **4,300**	*2300 ***5,000**	1600 **3,400**	*1300 ***2,800**	*1300 ***2,800**	14 340 **570**
3000 **120**	kg **lb**	*3100 ***6,750**	*3100 **6,600**	*2800 ***6,000**	2400 **5,150**	*2550 ***5,500**	1950 **4,100**	*2400 ***5,150**	1550 **3,300**	*1300 ***2,900**	*1300 ***2,900**	14 550 **580**
1500 **60**	kg **lb**	*3450 ***7,400**	2850 **6,150**	*3000 ***6,450**	2250 **4,850**	*2700 ***5,800**	1850 **3,900**	2450 **5,200**	1500 **3,150**	*1400 ***3,000**	1300 **2,800**	14 600 **580**
0 **0**	kg **lb**	*3700 ***8,050**	2650 **5,700**	*3200 ***6,900**	2150 **4,600**	*2800 **6,100**	1750 **3,700**	2400 **5,100**	1450 **3,050**	*1450 ***3,200**	1300 **2,800**	14 490 **570**
–1500 **–60**	kg **lb**	*3950 ***8,550**	2500 **5,400**	3350 **7,200**	2050 **4,350**	2750 **5,950**	1650 **3,550**	2350 **5,000**	1400 **3,000**	*1550 ***3,450**	1300 **2,800**	14 230 **560**
–3000 **–120**	kg **lb**	4050 **8,650**	2400 **5,200**	3250 **7,000**	1950 **4,200**	2700 **5,850**	1650 **3,500**	2300 ***4,200**	1400 **2,950**	*1750 ***3,800**	1350 **2,950**	13 790 **550**
–4500 **–180**	kg **lb**	4000 **8,550**	2350 **5,100**	3250 **6,950**	1950 **4,150**	2700 **5,800**	1600 **3,450**			*1950 ***4,300**	1450 **3,150**	13 170 **520**
–6000 **–240**	kg **lb**	4000 **8,550**	2350 **5,100**	3250 **7,000**	1950 **4,150**	2750 ***5,900**	1650 **3,550**			*2300 ***5,100**	1600 **3,500**	12 340 **490**
–7500 **–300**	kg **lb**	*3750 ***7,950**	2450 **5,250**	*3050 ***6,450**	2000 **4,350**					*2700 ***5,950**	1850 **4,150**	11 240 **440**
–9000 **–360**	kg **lb**	*3150 ***6,500**	2550 **5,550**							*2700 ***5,900**	2350 **5,250**	9800 **380**

* **ISO 10567:2007**

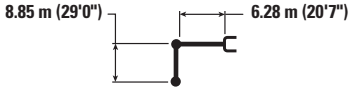
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

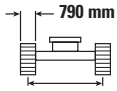
Lift capacity stays with ±5% for all available track shoes.

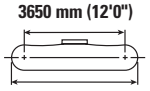
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

323 Hydraulic Excavator Specifications

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







		1500 mm/60 in		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
														mm in
12 000 **480**	kg **lb**											*1450 ***3,200**	*1450 ***3,200**	10 350 **400**
10 500 **420**	kg **lb**											*1350 ***2,950**	*1350 ***2,950**	11 660 **460**
9000 **360**	kg **lb**											*1300 ***2,850**	*1300 ***2,850**	12 660 **500**
7500 **300**	kg **lb**											*1250 ***2,800**	*1250 ***2,800**	13 410 **530**
6000 **240**	kg **lb**											*1250 ***2,750**	*1250 ***2,750**	13 970 **550**
4500 **180**	kg **lb**											*1300 ***2,800**	*1300 ***2,800**	14 340 **570**
3000 **120**	kg **lb**			*4700 ***11,800**	*4700 ***11,800**	*6050 ***12,900**	*6050 ***12,900**	*4450 ***9,550**	*4450 ***9,550**	*3600 ***7,800**	*3600 ***7,800**	*1300 ***2,900**	*1300 ***2,900**	14 550 **580**
1500 **60**	kg **lb**					*6750 ***15,950**	*6750 ***15,950**	*5250 ***11,300**	5100 **11,050**	*4100 ***8,850**	3800 **8,200**	*1400 ***3,000**	1350 **2,950**	14 600 **580**
0 **0**	kg **lb**			*2000 ***4,550**	*2000 ***4,550**	*4650 ***10,700**	*4650 ***10,700**	*5900 ***12,700**	4650 **10,050**	*4550 ***9,800**	3500 **7,550**	*1450 ***3,200**	1350 **2,900**	14 490 **570**
–1500 **–60**	kg **lb**	*2100 ***4,600**	*2100 ***4,600**	*2700 ***6,050**	*2700 ***6,050**	*4650 ***10,500**	*4650 ***10,500**	*6250 ***13,550**	4400 **9,450**	*4850 ***10,450**	3300 **7,100**	*1550 ***3,450**	1350 **2,950**	14 230 **560**
–3000 **–120**	kg **lb**	*2850 ***6,350**	*2850 ***6,350**	*3500 ***7,850**	*3500 ***7,850**	*5200 ***11,700**	*5200 ***11,700**	*6400 ***13,900**	4250 **9,150**	*5000 ***10,800**	3150 **6,800**	*1750 ***3,800**	1400 **3,050**	13 790 **550**
–4500 **–180**	kg **lb**	*3650 ***8,150**	*3650 ***8,150**	*4400 ***9,900**	*4400 ***9,900**	*6050 ***13,700**	*6050 **13,700**	*6400 ***13,800**	4200 **9,050**	*5050 ***10,850**	3100 **6,700**	*1950 ***4,300**	1500 **3,250**	13 170 **520**
–6000 **–240**	kg **lb**	*4550 ***10,100**	*4550 ***10,100**	*5400 ***12,150**	*5400 ***12,150**	*7200 ***16,300**	6500 **13,950**	*6150 ***13,250**	4250 **9,150**	*4900 ***10,550**	3150 **6,750**	*2300 ***5,100**	1650 **3,650**	12 340 **490**
–7500 **–300**	kg **lb**	*5500 ***12,250**	*5500 ***12,250**	*6550 ***14,800**	*6550 ***14,800**	*7300 ***15,650**	6650 **14,350**	*5650 ***12,150**	4350 **9,400**	*4550 ***9,750**	3200 **6,900**	*2700 ***5,950**	1900 **4,300**	11 240 **440**
–9000 **–360**	kg **lb**			*7950 ***17,450**	*7950 ***17,450**	*6150 ***13,100**	*6150 ***13,100**	*4850 ***10,350**	4550 **9,850**	*3900 ***8,300**	3350 **7,250**	*2700 ***5,900**	2400 **5,400**	9800 **380**

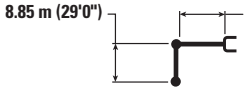
* **ISO 10567:2007**

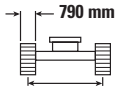
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

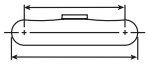
Lift capacity stays with ±5% for all available track shoes.

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

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







		9000 mm/360 in		10 500 mm/420 in		12 000 mm/480 in		13 500 mm/520 in				
												mm in
12 000 480	kg lb									*1450 *3,200	*1450 *3,200	10 350 400
10 500 420	kg lb			*2200 *4,850	*2200 *4,850					*1350 *2,950	*1350 *2,950	11 660 460
9000 360	kg lb			*2200 *4,800	*2200 *4,800	*2200 *4,200	*2200 *4,200			*1300 *2,850	*1300 *2,850	12 660 500
7500 300	kg lb			*2250 *4,900	*2250 *4,900	*2200 *4,850	2200 4,700			*1250 *2,800	*1250 *2,800	13 410 530
6000 240	kg lb			*2400 *5,200	*2400 *5,200	*2300 *5,000	2150 4,600	*2100 *3,700	1700 3,600	*1250 *2,750	*1250 *2,750	13 970 550
4500 180	kg lb	*2800 *6,050	*2800 *6,050	*2550 *5,550	*2550 *5,550	*2400 *5,200	2100 4,450	*2300 *5,000	1650 3,550	*1300 *2,800	*1300 *2,800	14 340 570
3000 120	kg lb	*3100 *6,750	*3100 *6,750	*2800 *6,000	2500 5,350	*2550 *5,500	2000 4,250	*2400 *5,150	1600 3,400	*1300 *2,900	*1300 *2,900	14 550 580
1500 60	kg lb	*3450 *7,400	2950 6,300	*3000 *6,450	2350 5,000	*2700 *5,800	1900 4,050	*2450 *5,350	1550 3,300	*1400 *3,000	1350 2,950	14 600 580
0 0	kg lb	*3700 *8,050	2750 5,900	*3200 *6,900	2200 4,750	*2800 *6,100	1800 3,850	2450 5,300	1500 3,200	*1450 *3,200	1350 2,900	14 490 570
–1500 –60	kg lb	*3950 *8,550	2600 5,600	*3350 *7,250	2100 4,500	2850 6,150	1750 3,700	2400 5,200	1450 3,100	*1550 *3,450	1350 2,950	14 230 560
–3000 –120	kg lb	*4100 *8,850	2500 5,350	3400 7,250	2050 4,350	2800 6,050	1700 3,600	2400 *4,200	1450 3,050	*1750 *3,800	1400 3,050	13 790 550
–4500 –180	kg lb	4100 8,850	2450 5,250	3350 7,200	2000 4,300	2800 6,050	1700 3,600			*1950 *4,300	1500 3,250	13 170 520
–6000 –240	kg lb	*4000 *8,650	2450 5,300	3350 *7,200	2000 4,300	*2800 *5,900	1700 3,650			*2300 *5,100	1650 3,650	12 340 490
–7500 –300	kg lb	*3750 *7,950	2500 5,400	*3050 *6,450	2100 4,500					*2700 *5,950	1900 4,300	11 240 440
–9000 –360	kg lb	*3150 *6,500	2650 5,750							*2700 *5,900	2400 5,400	9800 380

* ISO 10567:2007

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

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

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

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East

		Width		Capacity		Weight		Fill	Counterweight				
									4.2 mt (9,260 lb)		5.4 mt (11,900 lb)		
									HD Reach Boom				SLR
	Linkage	mm	in	m^3	yd^3	kg	lb	%	HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")	SLR 6.28A (20'7'')
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	⊖	⊖	●	◉	
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	●	●	●	●	
	B	1200	48	1.19	1.56	917	2,022	100	◉	◉	●	●	
	B	1300	52	1.30	1.70	974	2,148	100	◉	⊖	●	●	
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	●	●	●	
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	●	◉	●	●	
General Duty	312, A	900	36	0.53	0.69	403	888	100					○
Ditch Cleaning	312, A	1200	48	0.57	0.74	386	851	100					○
Maximum load with pin-on (payload + bucket)								kg	3170	2935	3825	3555	1140
								lb	6,989	6,471	8,433	7,837	2,513

		Width		Capacity		Weight		Fill	Counterweight			
									4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
									HD Reach Boom			
	Linkage	mm	in	m^3	yd^3	kg	lb	%	HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD 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	○	○	◉	⊖
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	◉	⊖	●	●
	B	1200	48	1.19	1.56	917	2,022	100	⊖	○	●	◉
	B	1300	52	1.30	1.70	974	2,148	100	⊖	○	◉	◉
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	◉	●	●
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	⊖	⊖	●	●
Maximum load with coupler (payload + bucket)								kg	2855	2572	3526	3248
								lb	6,293	5,671	7,773	7,160

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)

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.

Bucket Specifications and Compatibility – Eurasia

		Width		Capacity		Weight		Fill	Counterweight 5.4 mt (11,900 lb) HD Reach Boom	Counterweight 5.4 mt (11,900 lb) SLR
	Linkage	mm	in	m^3	yd^3	kg	lb	%	HD R2.9 (9'6")	SLR 6.28A (20'7'')
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	◉	
General Duty	B	1050	42	1.00	1.31	737	1,624	100	●	
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	●	
	B	1200	48	1.19	1.56	917	2,022	100	●	
	B	1300	52	1.30	1.70	974	2,148	100	●	
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●	
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	●	
General Duty	312, A	900	36	0.53	0.69	403	888	100		○
Ditch Cleaning	312, A	1200	48	0.57	0.74	386	851	100		○
						Maximum load with pin-on (payload + bucket)		kg	3555	1140
								lb	7,837	2,513

		Width		Capacity		Weight		Fill	Counterweight 5.4 mt (11,900 lb) HD Reach Boom
	Linkage	mm	in	m^3	yd^3	kg	lb	%	HD 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	1050	42	1.00	1.31	737	1,624	100	●
Heavy Duty	B	1050	42	1.00	1.31	892	1,967	100	●
	B	1200	48	1.19	1.56	917	2,022	100	◉
	B	1300	52	1.30	1.70	974	2,148	100	◉
Severe Duty	B	1050	42	1.00	1.31	948	2,091	90	●
Severe Duty Spade	B	1200	48	1.20	1.57	1011	2,229	90	●
						Maximum load with pin-on (payload + bucket)		kg	3248
								lb	7,160

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)

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.

Attachments Offering Guide

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

✓ Match * Working range front only No Match

PIN-ON ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		HD Reach		HD Reach	
Stick Length		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")
Hydraulic Hammers	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 GC S	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓
	MP318 Tank 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)

Attachments Offering Guide *(continued)*

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

● 1800 kg/m³ (3,000 lb/yd³) ○ 1200 kg/m³ (2,000 lb/yd³) ◇ 600 kg/m³ (1,000 lb/yd³) No Match

PIN-ON ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		HD Reach		HD Reach	
Stick Length		HD R2.5 (8'2")	HD R2.9 (9'6")	HD R2.5 (8'2")	HD R2.9 (9'6")
Orange Peel Grapples	GSH420-500	●	●	●	●
	GSH420-600	●	●	●	●
	GSH420-750	●	●	●	●
	GSH425-750	●	○	●	●
	GSH425-950	○	○	●	●
	GSH425-1150			○	○
	GSH520-500	●	●	●	●
	GSH520-600	●	●	●	●
	GSH520-750	●	●	●	●
	GSH525-750	○	○	●	●
	GSH525-950			○	○
	GSH525-1150			○	
	GSV420-400	●	●	●	●
	GSV420-500	●	●	●	●
	GSV420-600	●	●	●	●
	GSV420-750	●	●	●	●
	GSV420-1250	◇	◇	◇	◇
	GSV425-600	●	●	●	●
	GSV425-750	●	○	●	●
	GSV425-950	○	○	●	●
	GSV425-1150	○		○	○
	GSV425-1550	◇	◇	◇	◇
	GSV520-400	●	●	●	●
	GSV520-500	●	●	●	●
	GSV520-600	●	●	●	●
	GSV520-750	●	●	●	●
	GSV520-1250	◇	◇	◇	◇
	GSV525-600	●	●	●	●
	GSV525-750	○	○	●	●
	GSV525-950	○		●	○
	GSV525-1150			○	○
	GSV525-1550	◇		◇	◇
Clamshell Grapples	CTV15-1000	○	○	●	●
	CTV15-1200	○	○	●	○
	CTV15-1500			○	○
	CTV15-1700			○	

(continued on next page)

Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		**HD Reach**		**HD Reach**	
Stick Length		**HD R2.5 (8'2")**	**HD R2.9 (9'6")**	**HD R2.5 (8'2")**	**HD R2.9 (9'6")**
	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 GC	✓	✓*	✓	✓
	H130 GC S	✓	✓*	✓	✓
	H130 S	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓*	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓
	MP318 Tank 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)

Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | No Match

CW-40s DEDICATED COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		**HD Reach**		**HD Reach**	
Stick Length		**HD R2.5 (8'2")**	**HD R2.9 (9'6")**	**HD R2.5 (8'2")**	**HD R2.9 (9'6")**
Hydraulic Hammers	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓
	MP318 Tank 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)

Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Counterweight		4.2 mt (9,260 lb)		5.4 mt (11,900 lb)	
Boom Type		**HD Reach**		**HD Reach**	
Stick Length		**HD R2.5 (8'2")**	**HD R2.9 (9'6")**	**HD R2.5 (8'2")**	**HD R2.9 (9'6")**
Hydraulic Hammers	H120 GC S	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓
	H130 GC S	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓
	MP318 Tank Shear Jaw	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw			✓	
	MP324 Demolition Jaw			✓	
	MP324 Pulverizer Jaw			✓	
	MP324 Shear Jaw	✓*		✓	
	MP324 Tank Shear Jaw			✓	
	MP324 Universal Jaw			✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓
	G317 GC Fixed CAN	✓	✓	✓	✓
	G318	✓	✓	✓	✓
	G318 Fixed CAN	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓
	G324			✓	
	G324 WH-1500			✓	
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓*	✓	✓
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓
	P224 Secondary Pulverizer			✓	
	P318 Primary Pulverizer	✓	✓	✓	✓
	P324 Primary Pulverizer			✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓

BOOM-MOUNT ATTACHMENTS

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

Standard and Optional Equipment

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

	Standard	Optional
ENGINE		
Cat C7.1 single turbo diesel engine	✓	
Three selectable power modes	✓	
Automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Work up to 3000 m (9,840 ft) above sea level without engine power de-rating	✓	
52° C (125° F) high-ambient cooling capacity	✓	
Cold starting capability for –18° C (0° F)	✓	
Cold starting capability for –32° C (–25° F)		✓
Double element air filter with integrated pre-cleaner	✓	
Electric fuel priming pump	✓	
Reversible electric cooling fans	✓	
HYDRAULIC SYSTEM		
Boom and stick regeneration circuits	✓	
Heavy lift configuration		✓
Electronic main control valve	✓	
Auto Dig Boost	✓[1]	
Auto heavy lift	✓[2]	
Automatic warm up	✓	
Automatic two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Element type main hydraulic filter	✓	
Slider joysticks	✓	
Tandem type electronic main pump	✓	
Hammer return filter circuit		✓
Hydraulic efficiency monitoring		✓
Combined flow/high pressure auxiliary circuit		✓

[1]Not available for Super Long Reach.

[2]Not available for Super Long Reach; Not available in Kingdom of Saudi Arabia.

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
600 mm (24") HD triple grouser track shoes	✓	
790 mm (31") HD triple grouser track shoes		✓
Tie-down points on base frame	✓	
Segmented track guiding guards	✓	
Full-length track guiding guards		✓
HD bottom guard	✓	
Swivel guard	✓	
HD travel motor guards	✓	
Grease lubricated track links	✓	
5.4 mt (11,900 lb) counterweight	✓	
4.2 mt (9,260 lb) counterweight		✓
HD swing frame	✓	
BOOMS, STICKS AND LINKAGES		
5.7 m (18'8") HD Reach boom	✓	
8.85 m (29'0") Super Long Reach boom		✓[3]
2.9 m (9'6") HD Reach stick	✓	
2.5 m (8'2") HD Reach stick		✓[3]
6.28 m (20'7") Super Long Reach stick		✓
Bucket linkage, B1-type with lifting eye	✓[3]	
Bucket linkage, B1-type without lifting eye	✓[4]	
Bucket linkage, B1-type with lifting eye for SLR		✓[3]
Bucket linkage, B1-type without lifting eye for SLR		✓[3]

[3]Available in Africa and Middle East only.

[4]Standard in Eurasia; optional in Africa and Middle East.

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
ELECTRICAL SYSTEM		
1,000 CCA maintenance-free batteries (×2)	✓	
1,000 CCA maintenance-free batteries (×4)		✓
Centralized electrical disconnect switch	✓	
Programmable time-delay LED working lights	✓	
LED chassis light, left hand (LH) and right hand (RH) boom lights for Reach, cab lights	✓	
Premium surround lighting package		✓
CAT TECHNOLOGY		
Cat Equipment Management:		
– VisionLink™	✓[5]	
– Remote Flash	✓	
– Remote Troubleshoot	✓	
– Work tool recognition and tracking (PL161)	✓[6]	
– Operator Coaching		✓[7]
Cat Grade:		
– Cat Grade with 2D	✓[8]	
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓
– Laser catcher		✓
– Cat Grade with 3D (single or dual GNSS)		✓
– Compatible with 3D grade systems from Trimble, Topcon, and Leica	✓	
Cat Assist:[8]		
– Grade Assist	✓	
– Boom Assist	✓	
– Bucket Assist	✓	
– Swing Assist	✓	
– Lift Assist	✓	
Cat Payload:[8]		
– On-the-go weighing	✓	
– Semiautomatic calibration	✓	
– Payload/cycle information	✓	
– VisionLink back office reporting		✓[9]
Cat Advanced Payload:		
– Daily totals		✓
– Custom lists		✓
– Smart weight target		✓
– E-ticket integration		✓[9]

	Standard	Optional
SERVICE AND MAINTENANCE		
S·O·S℠ ports	✓	
QuickEvac™ maintenance ready		✓
Grouped location for engine oil and fuel filters	✓	
Ground-level second dipstick for engine oil	✓	
Radiator screen		✓
Integrated vehicle health management system	✓	
SAFETY AND SECURITY		
Cat Command (remote control)		✓
2D E-Fence: – E-ceiling – E-floor – E-swing – E-wall – E-cab avoidance	✓[8]	
Auto hammer stop	✓	
Rearview camera and side RH mirror	✓	
Right-hand-sideview camera		✓[10]
360° visibility		✓
Neutral lever (lock out) for all controls	✓	
Anti-skid plate and countersunk bolts on service platform	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓	
Lockable disconnect switch	✓[10]	
RH handrail and hand hold	✓	
Swing alarm		✓
Travel alarm		✓
Cab mirror for RH side track edge		✓
Inspection lighting		✓

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

[6]Requires PL161 attachment locator on work tool and Bluetooth® receiver on machine.

[7]VisionLink subscription required for back office reporting. Consult your Cat dealer for details.

[8]Optional on machines equipped with a Super Long Reach boom and stick.

[9]VisionLink subscription required. Consult your Cat dealer for details.

[10]Mandatory for Kingdom of Saudi Arabia.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB
- Lower radial wiper
- Rain protector plus cab light cover
- Polycarbonate roof hatch (Comfort cab only)
- Sun visor, slider (Comfort cab only)
- Laminated P5A glass front windshield
- LH/RH electrical pedal for tool control
- Armrest kit
- Seat with 4-point seatbelt capability
- Dual exit rear window kit
- Tool box
- Auxiliary relay

ELECTRICAL
- Premium surround working lights

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

MAINTENANCE
- Jump start wiring
- Duct ready kit

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

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

323 Cab Options

Cab Options

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

● Standard

○ Optional

X Not available

* Afr-ME only

** Eurasia only

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

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

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

**For use of blends higher than 20% biodiesel, consult your Cat dealer.*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg (1.9 lb) of refrigerant which has a CO_2 equivalent of 1.216 metric tonnes (1.340 tons).

Paint

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

Sound Performance

ISO 6395:2008 (external) – 100 dB(A)

ISO 6396:2008 (inside cab) – 70 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Cat machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.

- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

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
  - Utilizing Cat technologies can help increase operating efficiencies
  - Extended service intervals help decrease maintenance costs
  - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

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

© 2025 Caterpillar
All rights reserved

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

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

AEXQ4005-01 (11-2025)
Replaces: AEXQ4005-00
Build Number: 07H
(Afr-ME, Eurasia)