

326Hydraulic Excavator

Technical Specifications

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

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326 Environmental Declaration			



Engine		
Engine Model	Cat® C7.1	
Net Power		
ISO 9249	157.8 kW	212 hp
ISO 9249 (DIN)	215 hp (met	tric)
Engine Power		
ISO 14396	159 kW	213 hp
ISO 14396 (DIN)	216 hp (met	tric)
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.0 L	428 in ³
Biodiesel Capability	Up to B20 ⁽¹⁾)
E : 1 IIG EDA E: 2	1 ELL C	TTT 4

- Emits 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 1,900 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.

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Swing Mechanism		
Swing Speed	9.8 rpm	
Maximum Swing Torque	106 kN·m	78,180 lbf·ft
Weights		
Operating Weight	26 100 kg	57,500 lb
• Long undercarriage, Heavy Du	ty (HD) Reach boo	m, HD R2.95

• Long undercarriage, Heavy Duty (HD) Reach boom, HD R2.95 m (9'7") stick, 1.76 m³ (2.30 yd³) HD bucket, 700 mm (28") triple grouser shoes and 4.6 mt (10,141 lb) counterweight.

Track		
Track Shoes Width	600 mm	24 in
Track Shoes Width	700 mm	28 in
Track Shoes Width	790 mm	31 in
Number of Shoes (each side)	51	
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	226 kN	50,807 lbf
Hydraulic System		
Main System – Maximum Flow – Implement	481 L/min (241 × 2 pumps)	127 gal/min (64 × 2 pumps)
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Heavy Lift Mode/Auto Dig Boost	38 000 kPa	5,510 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	28 400 kPa	4,118 psi
Boom Cylinder – Bore	135 mm	5 in
Boom Cylinder – Stroke	1305 mm	51 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1660 mm	65 in
Bucket Cylinder – Bore	130 mm	5 in
Bucket Cylinder – Stroke	1156 mm	46 in
Service Refill Capacity		
Fuel Tank Capacity	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil (with filter)	25 L	6.6 gal
Swing Drive	11.5 L	3.0 gal

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

4.5 L

310 L

147 L

1.2 gal

81.9 gal

38.8 gal

Final Drive (each)

Hydraulic Tank

(including suction pipe)

Hydraulic System (including tank)

Sound Performance		
ISO 6395:2008 (external)	104 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.

Operating Weights and Ground Pressures

	600 mm (24") Double Grouser Shoes		700 mm (28") Triple Grouser Shoes			m (31") user Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	
Base Machine Configurations		kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	
Base Frame with Track Rollers and Carrier Rollers							
4.6 mt (10,140 lb) Counterweight + Long Undercarriage Base Machine							
HD Reach Boom + HD R2.95CB (9'8") Stick + 1.76 m ³ (2.30 yd ³) HD Bucket	25 800 (56,900)	51 (7.4)	26 200 (57,700)	44 (6.4)	26 500 (58.400)	40 (5.8)	
HD Reach Boom + HD R2.95CB (9'8") Stick + 1.54 m ³ (2.01 yd ³) HD Bucket		51 (7.4)	26 100 (57,500)	44 (6.4)	26 400 (58,200)	40 (5.8)	
Base Frame with Track Rollers and Carrier Rollers							
7.4 mt (16,310 lb) Counterweight + Long Undercarriage Base Machine							
Super Long Reach Boom + SLR7.85A (25'9") Stick + 0.57 m³ (0.75 yd³) DC Bucket	28 900 (63,600)	57 (8.3)	29 300 (64,500)	50 (7.2)	29 600 (65,300)	45 (6.5)	

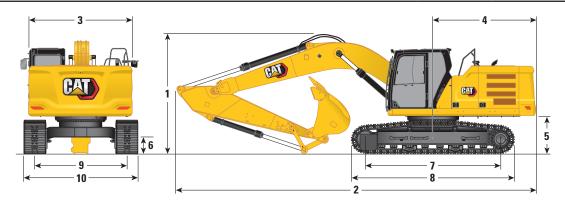
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

Major Component Weights

	kg	lb
Base Machine Weight (with 4.6 mt [10,140 lb] counterweight, upper frame, long undercarriage with rollers and two boom cylinders – does not include boom, stick, bucket, stick cylinder, bucket cylinders, tracks, 90% fuel tank and 75 kg [165 lb] operator).	16 940	37,350
Base Machine Weight (with 7.4 mt [16,310 lb] counterweight, upper frame, long undercarriage with rollers and two boom cylinders – does not include boom, stick, bucket, stick cylinder, bucket cylinders, tracks, 90% fuel tank and 75 kg [165 lb] operator).	19 720	43,480
Track Shoes:		
600 mm (24") Width, 13 mm (0.51") Thick Double Grouser Track Shoes	3250	7,170
700 mm (28") Width, 12.5 mm (0.49") Thick Triple Grouser Track Shoes	3670	8,090
790 mm (31") Width, 12.5 mm (0.49") Thick Triple Grouser Track Shoes with Step Extension	4000	8,820
Two Boom Cylinders	460	1,010
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	510	1,120
Counterweights:		
4.6 mt (10,140 lb) Counterweight	4600	10,140
7.4 mt (16,310 lb) Counterweight	7400	16,310
Undercarriage:		
Long Undercarriage	5020	11,070
Booms (including lines, pins, stick cylinder):		
HD Reach Boom 5.9 m (19'4")	2250	4,960
Super Long Reach (SLR) Boom 10.2 m (33'6")	3290	7,250
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
HD Reach Stick R2.95CB (9'8")	1470	3,200
Super Long Reach Stick SLR7.85A (25'9")	1690	3,730
Buckets (without linkage, with tips and side-cutters):		
1.54 m³ (2.01 yd³) HD CB Linkage	1200	2,650
1.76 m³ (2.30 yd³) HD CB Linkage	1290	2,840
0.57 m³ (0.75 yd³) Ditch Cleaning (DC) A Linkage	390	860
0.74 m³ (0.97 yd³) DC A Linkage	460	1,010
Quick Couplers (QC):		
Pin Grabber QC Quick Coupler with Pins	530	2,650
Pin Grabber QC Quick Coupler without Pins	500	2,430

Dimensions

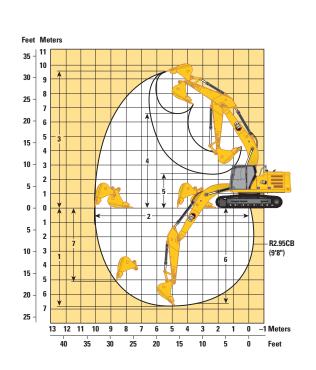
All dimensions are approximate and may vary depending on bucket selection.

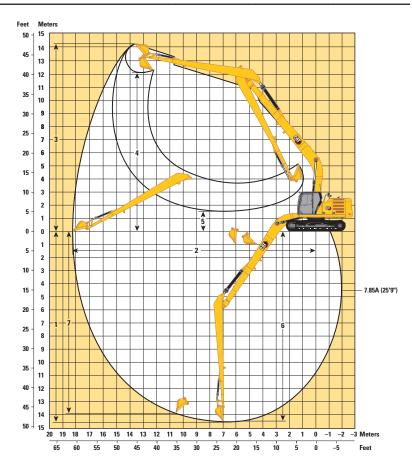


Boom Options	HD Reac 5.9 m (SLR Boom 10.2 m (33'6")		
Stick Options	HD Read R2.95Cl		SLR Stick 7.85A (25'9")		
1 Machine Height					
Cab Height	3000 mm	9'10"	3000 mm	9'10"	
Top of Global Navigation Satellite System (GNSS) Antenna Height (if installed)	3030 mm	9'11"	3030 mm	9'11"	
OPG Height	3140 mm	10'4"	3140 mm	10'4"	
Handrail Height	3000 mm	9'10"	3000 mm	9'10"	
With Boom/Stick/Bucket Installed	3250 mm	10'8"	3160 mm	10'4"	
With Boom/Stick Installed	3120 mm	10'3"	3160 mm	10'4"	
With Boom Installed	3000 mm	9'10"	3000 mm	9'10"	
2 Machine Length:					
With Boom/Stick/Bucket Installed	10 060 mm	33'0"	14 350 mm	47'1"	
With Boom/Stick Installed	10 040 mm	10 040 mm 32'11"		47'1"	
With Boom Installed	8720 mm	28'7"	13 250 mm	43'6"	
3 Upperframe Width	2940 mm	9'8"	2940 mm	9'8"	
4 Tail Swing Radius	3000 mm	9'10"	3000 mm	9'10"	
5 Counterweight Clearance	1060 mm	3'6"	1060 mm	3'6"	
6 Ground Clearance	440 mm	1'5"	440 mm	1'5"	
7 Track Length – Length to Center of Rollers	3830 mm	12'7"	3830 mm	12'7"	
8 Crawler Overall Length	4640 mm	15'3"	4640 mm	15'3"	
9 Track Gauge	2590 mm	8'6"	2590 mm	8'6"	
10 Undercarriage Width:					
With 600 mm (24") Shoes	3190 mm	10'6"	3190 mm	10'6"	
With 700 mm (28") Shoes	3290 mm	10'10"	3290 mm	10'10"	
With 790 mm (31") Shoes with Steps	3380 mm	11'1"	3380 mm	11'1"	
Bucket Type	H	D	DC		
Bucket Capacity	1.76 m ³	2.30 yd ³	0.57 m ³	0.75 yd ³	
Bucket Tip Radius	1660 mm	5'5"	1070 mm	3'6"	

Working Ranges and Forces

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



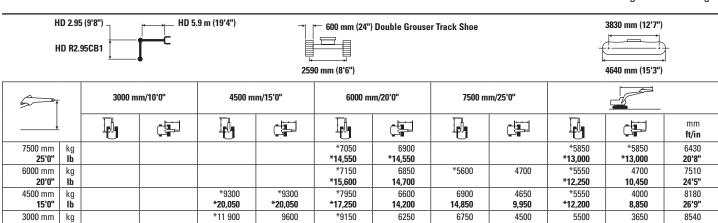


Boom Options	HD Read 5.9 m	SLR Boom 10.2 m (33'6")			
Stick Options	HD Rea R2.95C	SLR Stick 7.85A (25'9")			
1 Maximum Digging Depth	6820 mm	22'5"	14 580 mm	47'10"	
2 Maximum Reach at Ground Line	10 120 mm	33'2"	18 280 mm	60'0"	
3 Maximum Cutting Height	9640 mm	31'8"	14 210 mm 46'7"		
4 Maximum Loading Height	6620 mm	21'9"	12 150 mm	39'10"	
5 Minimum Loading Height	2390 mm	7'10"	1500 mm	4'11"	
6 Maximum Depth Cut for 2240 mm (8'0") Level Bottom	6640 mm	21'9"	14 480 mm	47'6"	
7 Maximum Vertical Wall Digging Depth	5110 mm	16'9"	13 980 mm	45'10"	
Bucket Digging Force (ISO)*	166 kN	166 kN 37,320 lbf		13,710 lbf	
Stick Digging Force (ISO)*	121 kN	27,200 lbf	45 kN	10,120 lbf	
Bucket Type	Н	HD		С	
Bucket Capacity	1.76 m ³	1.76 m ³ 2.30 yd ³		0.75 yd ³	
Bucket Tip Radius	1660 mm	5'5"	1070 mm	3'6"	

^{*8.5%} Auto Dig Boost pressure not included.

HD Reach Boom Lift Capacities – Counterweight: 4.6 mt (10,140 lb) – without Bucket, Heavy Lift: On

Long Undercarriage



*19,800

9250

9000

19,300

8900

19,100

8950

19,200

19,850

13,500

5950

12,800

5700

12,300

5650

5650

12,100

12,200

14,500

14,150

6450

13,850

6400

13,750

6600

9,600

4300

9,300

4200

9,050

4150

8,950

12,150

11,750

12,000

13,000

6950

15,450

*8600

*18,900

5450

5900

5350

20,750

8950

19,300

8600

18,550

8550

18,350

8600

8850

19,100

18,500

*25,650

*14 200

*30,650

14 400

30,850

14 300

30,600

*14 100

*30,500

*11 550

*24,600

HD Reach Boom Lift Capacities – Counterweight: 4.6 mt (10,140 lb) – without Bucket, Heavy Lift: On

Long Undercarriage

8,050

3500

7,750

3600

7,850

3850

8,500

4500

6200

10,000

13,900

27'11"

8610

28'3"

8420

27'7"

7940

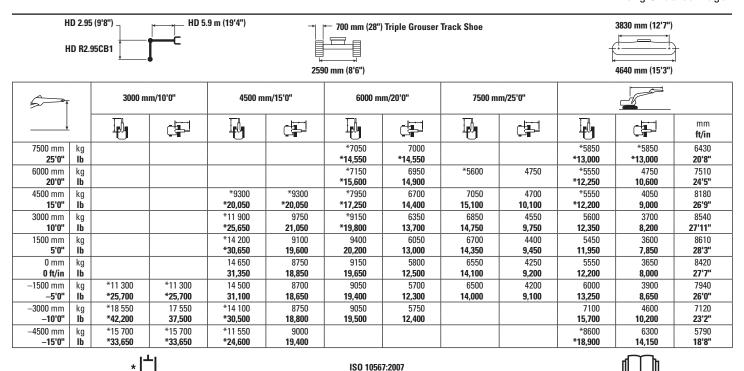
26'0"

7120

23'2"

5790

18'8"



^{*}Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007.

They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

10'0" lb

5'0" | Ib

0 mm

0 ft/in | Ib

–10'0" | lb

-15'0"

-1500 mm

-3000 mm

-4500 mm

kq

kg

0 mm | kg -**5'0" | lb**

kg

kg

lb

*11 300

*25,700

*18 550

*42,200

*15 700

*33,650

*11 300

*25,700

17 300

36,950

*15 700

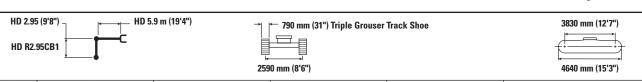
*33,650

1500 mm

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

HD Reach Boom Lift Capacities - Counterweight: 4.6 mt (10,140 lb) - without Bucket, Heavy Lift: On

Long Undercarriage



5			3000 mm/10'0"		4500 mm/15'0" 6000 mm/20'0" 7500 mm/25'0		6000 mm/20'0"		6000 mm/20'0"		6000 mm/20'0"		6000 mm/20'0"		6000 mm/20'0"		6000 mm/20'0"		00 mm/20'0" 7500 mm/25'0"		m/25'0"			
						Į.						mm ft/in												
7500 mm 25'0 "	kg Ib					*7050 *14,550	*7050 *14,550			*5850 *13,000	*5850 *13,000	6430 20'8"												
6000 mm 20'0 "	kg Ib					*7150 *15,600	7000 15,050	*5600	4850	*5550 *12,250	4800 10,750	7510 24'5 "												
4500 mm 15'0 "	kg Ib			*9300 *20,050	*9300 *20,050	*7950 *17,250	6750 14,550	7100 15,250	4750 10,200	*5550 *12,200	4100 9,100	8180 26'9"												
3000 mm 10'0"	kg Ib			*11 900 *25,650	9850 21,250	*9150 *19,800	6450 13,850	6950 14,900	4600 9,900	5650 12,500	3750 8,300	8540 27'11"												
1500 mm 5'0 "	kg Ib			*14 200 *30,650	9200 19,850	9500 20,450	6100 13,150	6750 14,550	4450 9,550	5500 12,100	3650 7,950	8610 28'3"												
0 mm 0 ft/in	kg Ib			14 800 31,700	8850 19,100	9250 19,900	5900 12,700	6650 14,250	4350 9,300	5600 12,350	3700 8,100	8420 27'7"												
−1500 mm − 5'0"	kg Ib	*11 300 *25,700	*11 300 *25,700	14 700 31,500	8800 18,900	9150 19,650	5800 12,450	6600 14,150	4300 9,200	6100 13,400	3950 8,750	7940 26'0"												
-3000 mm - 10'0"	kg Ib	*18 550 *42,200	17 750 37,950	*14 100 *30,500	8850 19,050	9200 19,750	5850 12,550			7200 15,900	4650 10,300	7120 23'2"												
-4500 mm - 15'0 "	kg Ib	*15 700 *33,650	*15 700 *33,650	*11 550 *24,600	9100 19,650					*8600 *18,900	6350 14,300	5790 18'8"												



^{*}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.

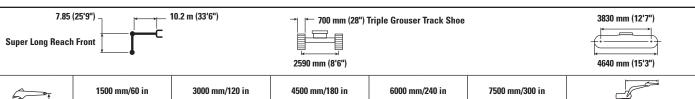
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

Super Long Reach Boom Lift Capacities – Counterweight: 7.4 mt (16,310 lb) – without Bucket, Heavy Lift: On

Long Undercarriage



5	-	1500 m	m/60 in	3000 mr	m/120 in	4500 mr	m/180 in	6000 mi	m/240 in	7500 mn	n/300 in			
	_	Į.		Į.		Į.		Į.	Ġ₽	Į.		Į.		mm in
12 000 mm 40'0 "	kg Ib											*1300 *2.800	*1300 *2.800	13 940 45'3 "
10 500 mm	kg											*1250	*1250	14 930
35'0"	lb											*2,700	*2,700	48'7"
9000 mm	kg											*1200	*1200	15 720
30'0"	lb											*2,650	*2,650	51'4"
7500 mm	kg											*1200	*1200	16 330
25'0"	lb											*2,650	*2,650	53'5"
6000 mm	kg											*1200	*1200	16 780
20'0"	lb											*2,650	*2,650	54'11"
4500 mm	kg											*1250	*1250	17 090
15'0"	lb											*2,700	*2,700	56'0"
3000 mm 10'0"	kg lb			*4750	*4750							*1250 *2.750	*1250	17 260 56'7"
1500 mm	_			*1500	*1500	*5400	*5400	*5600	*5600	*4350	*4350	*2,750 *1350	* 2,750 1300	17 300
5'0"	kg lb			*3,500	*3,500	*12,750	*12,750	*12,100	*12,100	* 9,350	* 9,350	* 2,900	2,800	56'8"
0 mm	kg			*1600	*1600	*3600	*3600	*6550	6150	*4950	4650	*1400	1250	17 200
0 ft/in	lb			*3,550	*3,550	* 8,200	* 8.200	*14,100	13,300	*10,700	10.050	*3,050	2,750	56'5"
-1500 mm	kg	*1550	*1550	*2050	*2050	*3450	*3450	*6500	5650	*5450	4300	*1500	1250	16 970
-5'0"	lb	*3,400	*3,400	*4,600	*4,600	*7,800	*7,800	*14,900	12,200	*11,750	9,200	*3,250	2,750	55'7"
-3000 mm	kg	*2150	*2150	*2600	*2600	*3800	*3800	*6150	5400	*5800	4050	*1600	1300	16 610
-10'0"	lb	*4,700	*4,700	*5,850	*5,850	*8,550	*8,550	*14,050	11,600	*12,550	8,700	*3,550	2,800	54'5"
-4500 mm	kg	*2750	*2750	*3250	*3250	*4350	*4350	*6450	5250	*6050	3900	*1800	1350	16 090
-15'0"	lb	*6,050	*6,050	*7,250	*7,250	*9,800	*9,800	*14,700	11,300	*13,050	8,400	*3,950	2,950	52'8"
−6000 mm	kg	*3350	*3350	*3950	*3950	*5050	*5050	*7100	5250	*6150	3850	2000	1450	15 410
-20'0"	lb	*7,500	*7,500	*8,800	*8,800	*11,350	*11,350	*16,200	11,300	*13,250	8,250	*4,450	3,150	50'4"
-7500 mm	kg	*4050	*4050	*4700	*4700	*5900	*5900	*7700	5300	*6100	3850	*2350	1600	14 540
-25'0"	lb	*9,000	*9,000	*10,500	*10,500	*13,300	*13,300	*16,650	11,400	*13,150	8,300	*5,250	3,500	47'5"
−9000 mm	kg	*4750	*4750	*5550	*5550	*6900	*6900	*7400	5450	*5900	3950	*2850	1800	13 450
-30'0"	lb	*10,650	*10,650	*12,450	*12,450	*15,650	*15,650	*15,950	11,750	*12,700	8,500	*6,450	4,050	43'8"
−10 500 mm	kg	*5550	*5550	*6500	*6500	*8200	*8200	*6850	5650	*5500	4100	*3100	2200	12 080
-35'0"	lb	*12,450	*12,450	*14,700	*14,700	*18,600	*18,600	*14,650	12,200	*11,800	8,850	*6,800	4,950	39'0"
−12 000 mm	kg			*7650	*7650	*7600	*7600	*5950	*5950	*4800	4350	*3250	2900	10 300
-40'0"	lb			*17,350	*17,350	*16,100	*16,100	*12,600	*12,600	*10,150	9,400	*7,150	6,600	32'10"



^{*}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.

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Lift capacity stays with $\pm 5\%$ 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: 7.4 mt (16,310 lb) — without Bucket, Heavy Lift: On *(continued)*

Long Undercarriage

	7.85	(25'9") _		10.2 m (3	33'6")		→) mm (28") T	riple Grous	er Track Sh	oe			3830 mm	ı (12'7")	
Super Long I	Reach	Front	_	=				#								
		↓	—↓				0500	(a) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c						*****	(4F10II)	
							2590 mm	(8.6)						4640 mm	1 (15'3")	
5		9000 m	m/30'0"	10 500 n	nm/35'0"	12 000 n	nm/40'0"	13 500 n	nm/45'0"	15 000 n	nm/50'0"	16 500 n	nm/55'0"	<u> </u>		_
		Į.		Į.												mm in
12 000 mm	kg							*1750	*1750					*1300	*1300	13 940
40'0" 10 500 mm	lb ka							*3,000 *1850	*3,000 *1850					*2,800 *1250	*2,800 *1250	45'3" 14 930
35'0"	kg lb							*4,100	*4,100					*2,700	*2,700	48'7"
9000 mm	kg							*1900	*1900	*1950	*1950			*1200	*1200	15 720
30'0"	ΙĎ							*4,150	*4,150	*3,700	*3,700			*2,650	*2,650	51'4"
7500 mm	kg							*1950	*1950	*1950	*1950			*1200	*1200	16 330
25'0"	lb							*4,250	*4,250	*4,300	*4,300	*1000	1000	*2,650	*2,650	53'5"
6000 mm 20'0"	kg Ib					*4,600	*4,600	*2050 *4,500	*2050 *4,500	*2050 *4,450	2000 4,200	*1600	1600	*1200 *2,650	*1200 *2,650	16 780 54'11"
4500 mm	kg					*2300	*2300	*2200	*2200	*2100	1900	*2000	1550	*1250	*1250	17 090
15'0"	lb					*5,000	*5,000	*4,800	*4,800	*4,600	4,050	*3,650	3,250	*2,700	*2,700	56'0"
3000 mm	kg	*3150	*3150	*2800	*2800	*2550	*2550	*2350	2250	*2250	1850	*2150	1500	*1250	*1250	17 260
10'0"	lb	*6,750	*6,750	*6,000	*6,000	*5,500	*5,500	*5,100	4,800	*4,850	3,900	*4,350	3,150	*2,750	*2,750	56'7"
1500 mm	kg	*3600	*3600	*3100	*3100	*2750	2600	*2550	2100	*2350	1750	*2250	1450	*1350	1300	17 300
5'0"	lb	*7,750	*7,750	*6,700	*6,700	*6,000	5,500	*5,500	4,500	*5,150	3,700	*4,700	3,050	*2,900	2,800	56'8"
0 mm 0 ft/in	kg Ib	*4000 *8.650	3650 7.850	*3400 * 7.400	2950 6.300	*3000 *6.500	2400 5.150	*2700 *5.850	2000 4.250	*2500 *5.400	1650 3.500	2250 * 4,700	1400 2.900	*1400 *3.050	1250 2.750	17 200 56'5"
-1500 mm	kg	*4400	3400	*3700	2750	*3200	2250	*2850	1900	2550	1600	2200	1350	*1500	1250	16 970
-5'0"	lb	*9,500	7,300	*8.000	5,900	*6,950	4.850	*6.200	4,000	5,500	3,350	*4,150	2.850	*3,250	2,750	55'7"
-3000 mm	kg	*4700	3200	*3900	2600	*3400	2150	2950	1800	2500	1550	*1850	1300	*1600	1300	16 610
-10'0"	lb	*10,100	6,850	*8,500	5,550	*7,350	4,600	6,300	3,850	5,400	3,250			*3,550	2,800	54'5"
-4500 mm	kg	*4900	3050	4050	2500	3400	2050	2850	1750	2500	1500			*1800	1350	16 090
-15'0"	lb	*10,550	6,600	8,700	5,350	7,250	4,450	6,150	3,750	5,300	3,200			*3,950	2,950	52'8"
−6000 mm −20'0"	kg	4950	3000	4000 8.600	2450	3350	2050 4.350	2850	1700	2500 *5.150	1500 3,200			2000	1450	15 410 50'4"
-7500 mm	lb ka	10,650 4950	6,450 3000	4000	5,250 2450	7,200 3350	4,350 2050	6,100 2850	3,700 1750	"5,150	3,200			* 4,450 *2350	3,150 1600	14 540
-/500 mm - 25'0"	kg lb	10.650	6.450	8,600	5,250	7,200	4.350	6,150	3.750					* 5.250	3,500	47'5"
-9000 mm	kg	*4850	3050	4050	2500	3400	2100	0,130	3,730					*2850	1800	13 450
- 30'0 "	lb	*10.450	6,600	8.750	5,350	7,350	4,500							*6,450	4.050	43'8"
-10 500 mm	kg	*4550	3200	*3800	2600	*3100	2200							*3100	2200	12 080
-35'0"	lb	*9,700	6,900	*8,050	5,600									*6,800	4,950	39'0"
-12 000 mm	kg	*3900	3400											*3250	2900	10 300
-40'0"	lb	*8,200	7,400											*7,150	6,600	32'10"
		,	· 📋					ISO 10567:	2007]	

^{*}Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007.

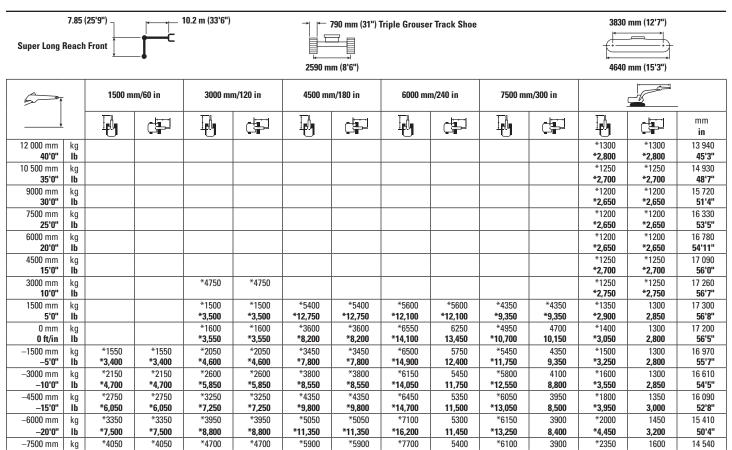
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

Super Long Reach Boom Lift Capacities – Counterweight: 7.4 mt (16,310 lb) – without Bucket, Heavy Lift: On

Long Undercarriage





*16,650

*15,950

*14,650

*12,600

*5950

*7400

*6850

11,600

5500

11,900

5750

12,400

*5950

*12,600

*13,150

*12,700

*5900

*5500

*11,800

*10,150

8,450

4000

8,600

4150

9,000

4400

9,550

*5,250

*2850

*6,450

*3100

*6,800

*3250

*7,150

*13,300

*15,650

*18,600

*16,100

*6900

*8200

*7600

Lift capacity stays with $\pm 5\%$ for all available track shoes.

*9,000

*4750

*5550

*10,650

*12,450

*9,000

*4750

*5550

*10,650

*12,450

–25'0" lb

–30'0" lb

–35'0" lb

-40'0"

kg

ka

kg

lb

-9000 mm

-10 500 mm

-12 000 mm

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

*10,500

*12,450

*14,700

*17,350

*7650

*5550

*6500

*10,500

*12,450

*14,700

*7650

*17,350

*5550

*6500

*13,300

*15,650

*18,600

*16,100

*7600

*6900

*8200

(continued on next page)

3,550

1850

4,100

2250

5,000

2900

6,700

47'5"

13 450

43'8"

12 080

39'0"

10 300

32'10"

^{*}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.

Super Long Reach Boom Lift Capacities — Counterweight: 7.4 mt (16,310 lb) — without Bucket, Heavy Lift: On *(continued)*

Long Undercarriage

	7.85	(25'9") _		10.2 m (3	33'6")		→ ← 790) mm (31") T	riple Grous	er Track Sh	oe			3830 mm	ı (12'7")	
Super Long I	Reach	r Front	_	=				=								
3		↓	—↓				2500	.⊟ (olcii)						4040	/4FI2II\	
		ı					2590 mm	(8.6)		1		1		4640 mm	1 (15'3")	
5		9000 m	m/30'0"	10 500 n	nm/35'0"	12 000 n	nm/40'0"	13 500 n	nm/45'0"	15 000 n	nm/50'0"	16 500 n	nm/55'0"	<u> </u>		_
				Ę.								P				mm in
12 000 mm	kg							*1750	*1750					*1300	*1300	13 940
40'0"	lb							*3,000 *1850	*3,000 *1850					*2,800 *1250	*2,800 *1250	45'3"
10 500 mm 35'0 "	kg lb							*4,100	*4,100					*2,700	*2,700	14 930 48'7"
9000 mm	kg							*1900	*1900	*1950	*1950			*1200	*1200	15 720
30'0"	lb							*4,150	*4,150	*3,700	*3,700			*2,650	*2,650	51'4"
7500 mm	kg							*1950	*1950	*1950	*1950			*1200	*1200	16 330
25'0"	lb							*4,250	*4,250	*4,300	*4,300	V4000	V4000	*2,650	*2,650	53'5"
6000 mm 20'0"	kg Ib					*4,600	*4,600	*2050 *4,500	*2050 *4,500	*2050 *4,450	2000 4,250	*1600	*1600	*1200 *2,650	*1200 *2,650	16 780 54'11"
4500 mm	kg					*2300	*2300	*2200	*2200	*2100	1950	*2000	1550	*1250	*1250	17 090
15'0"	lb					*5,000	*5,000	*4,800	*4,800	*4,600	4,100	*3,650	3,300	*2,700	*2,700	56'0"
3000 mm	kg	*3150	*3150	*2800	*2800	*2550	*2550	*2350	2250	*2250	1850	*2150	1500	*1250	*1250	17 260
10'0"	lb	*6,750	*6,750	*6,000	*6,000	*5,500	*5,500	*5,100	4,850	*4,850	3,950	*4,350	3,200	*2,750	*2,750	56'7"
1500 mm	kg	*3600	*3600	*3100	*3100	*2750	2600	*2550	2150	*2350	1750	*2250	1450	*1350	1300	17 300
5'0"	lb	*7,750	*7,750	*6,700	*6,700	*6,000	5,600	*5,500	4,550	*5,150	3,750	*4,700	3,100	*2,900	2,850	56'8"
0 mm 0 ft/in	kg Ib	*4000 *8.650	3700 7.950	*3400 * 7.400	3000 6.400	*3000 *6.500	2450 5.250	*2700 *5.850	2000 4.300	*2500 *5.400	1700 3.550	2300 * 4,700	1400 2.950	*1400 *3.050	1300 2.800	17 200 56'5"
-1500 mm	kg	*4400	3450	*3700	2800	*3200	2300	*2850	1900	2600	1600	2250	1350	*1500	1300	16 970
-5'0"	lb	*9,500	7,400	*8.000	5,950	*6,950	4.900	*6.200	4,100	5.600	3,400	*4,150	2.900	*3,250	2,800	55'7"
-3000 mm	kg	*4700	3250	*3900	2650	*3400	2200	2950	1850	2550	1550	*1850	1350	*1600	1300	16 610
-10'0"	Ιb	*10,100	6,950	*8,500	5,650	*7,350	4,650	6,350	3,900	5,450	3,300			*3,550	2,850	54'5"
-4500 mm	kg	*4900	3100	*4100	2550	3450	2100	2900	1800	2500	1500			*1800	1350	16 090
-15'0"	lb	*10,550	6,700	8,850	5,400	7,350	4,500	6,250	3,800	5,400	3,250			*3,950	3,000	52'8"
-6000 mm	kg	*5000	3050	4050	2500	3400	2050	2900	1750	2500	1500			*2000	1450	15 410
-20'0"	lb lan	10,750	6,550	8,750	5,300	7,300	4,400	6,200	3,750	*5,150	3,250			*4,450	3,200	50'4"
−7500 mm −25'0"	kg lb	*5000 *10.800	3050 6.550	4050 8.750	2450 5,300	3400 7,300	2050 4.450	2900 6.250	1750 3.800					*2350 *5.250	1600 3.550	14 540 47'5"
-9000 mm	kg	*4850	3100	*4100	2500	3450	2100	0,230	3,000					*2850	1850	13 450
-30'0"	lb	*10.450	6,700	*8.750	5.450	*7,400	4,550							*6,450	4.100	43'8"
-10 500 mm	kg	*4550	3250	*3800	2650	*3100	2250							*3100	2250	12 080
-35 '0 "	lb	*9,700	7,000	*8,050	5,700									*6,800	5,000	39'0"
-12 000 mm	kg	*3900	3450	-,	-,									*3250	2900	10 300
-40'0"	lb	*8,200	7,500											*7,150	6,700	32'10"
		-	· 📋					ISO 10567:	2007]	

^{*}Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007.

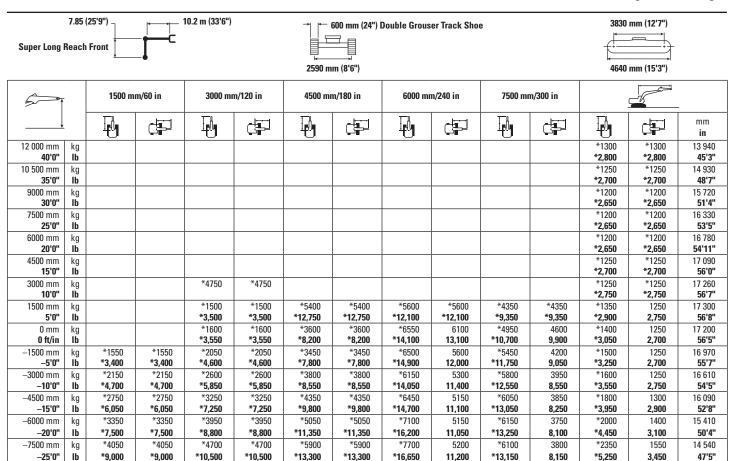
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

Super Long Reach Boom Lift Capacities - Counterweight: 7.4 mt (16,310 lb) - without Bucket, Heavy Lift: On

Long Undercarriage





*7400

*6850

*15,950

*14,650

*12,600

*5950

*5900

*5500

*11,800

*10,150

*12,700

5350

11,550

5550

12,000

5900

*12,600

*6900

*8200

*7600

*15,650

*18,600

*16,100

Lift capacity stays with $\pm 5\%$ for all available track shoes.

*4750

*5550

*10,650

*12,450

*4750

*5550

*10,650

*12,450

-9000 mm

-10 500 mm

-12 000 mm

-30'0" lb

-35'0" lb

-40'0"

kg

ka

kg

lb

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

*5550

*6500

*12,450

*14,700

*17,350

*7650

*5550

*6500

*12,450

*14,700

*7650

*17,350

*6900

*8200

*7600

*15,650

*18,600

*16,100

(continued on next page)

1800

3,950

2150

4,850

2850

6,500

13 450

43'8"

12 080

39'0"

10 300

32'10"

*2850

*6,450

*3100

*6,800

*3250

3900

8,350

4050

8,700

4250

9,250

^{*}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.

Super Long Reach Boom Lift Capacities — Counterweight: 7.4 mt (16,310 lb) — without Bucket, Heavy Lift: On *(continued)*

Long Undercarriage

	7.85	(25'9")		10.2 m (3	33'6")		→ 600) mm (24") [Oouble Grou	ser Track S	hoe			3830 mn	n (12'7")	
Super Long	Reacl	ı Front ∫		_				1						₹		
			•				2590 mm	(8'6")						4640 mn	ı (15'3")	
€		9000 m	ım/30'0"	10 500 r	nm/35'0"	12 000 ı	nm/40'0"	13 500 r	nm/45'0"	15 000 r	nm/50'0"	16 500 n	nm/55'0"	(_
		F.	di	Į.		I _E				P		P ₀		P		mm in
12 000 mm 40'0"	kg Ib							*1750 *3,000	*1750 *3.000					*1300 *2,800	*1300 *2.800	13 940 45'3"
10 500 mm	kg							*1850	*1850					*1250	*1250	14 930
35'0"	lb							*4,100	*4,100					*2,700	*2,700	48'7"
9000 mm	kg							*1900	*1900	*1950	*1950			*1200	*1200	15 720
30'0" 7500 mm	lb kg							*4,150 *1950	* 4,150 *1950	*3,700 *1950	*3,700 *1950			*2,650 *1200	* 2,650 *1200	51'4" 16 330
25'0"	lb							*4,250	*4,250	*4,300	4,250			*2,650	*2,650	53'5"
6000 mm	kg							*2050	*2050	*2050	1950	*1600	1550	*1200	*1200	16 780
20'0"	lb					*4,600	*4,600	*4,500	*4,500	*4,450	4,150			*2,650	*2,650	54'11"
4500 mm	kg					*2300	*2300	*2200	*2200	*2100	1900	*2000	1500	*1250	*1250	17 090
3000 mm	lb kg	*3150	*3150	*2800	*2800	*5,000 *2550	* 5,000 *2550	* 4,800 *2350	* 4,800 2200	* 4,600 *2250	4,000 1800	* 3,650 *2150	3,200 1450	*2,700 *1250	*2,700 *1250	56'0" 17 260
10'0"	lb	*6,750	*6,750	*6,000	*6,000	*5,500	*5,500	*5,100	4,700	*4,850	3,800	*4,350	3,100	*2,750	*2,750	56'7"
1500 mm	kg	*3600	*3600	*3100	*3100	*2750	2550	*2550	2100	*2350	1700	*2250	1400	*1350	1250	17 300
5'0"	lb	*7,750	*7,750	*6,700	*6,700	*6,000	5,450	*5,500	4,450	*5,150	3,650	*4,700	2,950	*2,900	2,750	56'8"
0 mm	kg	*4000	3600	*3400	2900	*3000	2350	*2700	1950	*2500	1600	2200	1350	*1400	1250	17 200 56'5"
0 ft/in -1500 mm	lb kg	*8,650 *4400	7,750 3350	*7,400 *3700	6,200 2700	*6,500 *3200	5,050 2200	* 5,850 *2850	4,150 1850	* 5,400 2550	3,450 1550	* 4,700 2150	2,850 1300	*3,050 *1500	2,700 1250	16 970
-1300 Hilli -5'0"	lb	*9,500	7,150	*8,000	5,800	*6,950	4,750	*6,200	3,950	5,400	3,300	*4,150	2,750	*3,250	2,700	55'7"
-3000 mm	kg	*4700	3150	*3900	2550	*3400	2100	2900	1750	2450	1500	*1850	1300	*1600	1250	16 610
-10'0"	lb	*10,100	6,750	*8,500	5,450	7,300	4,500	6,150	3,750	5,300	3,200			*3,550	2,750	54'5"
-4500 mm - 15'0"	kg lb	*4900 *10.550	3000 6.450	4000 8.550	2450 5.250	3300 7.150	2050 4,350	2800 6.050	1700 3.650	2450 5.200	1450 3,100			*1800 *3.950	1300 2.900	16 090 52'8"
-6000 mm	kg	4850	2950	3950	2400	3300	2000	2800	1700	2450	1450			*2000	1400	15 410
-20'0"	lb	10,450	6,350	8,450	5,150	7,050	4,250	6,000	3,600	*5,150	3,150			*4,450	3,100	50'4"
-7500 mm	kg	4850	2950	3950	2400	3300	2000	2800	1700	-,	-,			*2350	1550	14 540
-25'0"	lb	10,450	6,350	8,450	5,150	7,050	4,300	6,050	3,650					*5,250	3,450	47'5"
-9000 mm	kg	*4850	3000	4000	2450	3350	2050							*2850	1800	13 450
-30'0"	lb	*10,450	6,450	8,600	5,250	7,200	4,400							*6,450	3,950	43'8"
-10 500 mm	kg	*4550	3150	*3800	2550	*3100	2150							*3100	2150	12 080
-35'0"	lb	*9,700	6,750	*8,050	5,500	-	-							*6,800	4,850	39'0"
-12 000 mm	kg	*3900	3350											*3250 *7.150	2850	10 300
-40'0"	lb	*8,200	7,250	L					L					*7,150	6,500	32'10"
		,	* 📋					ISO 10567:	2007]	

^{*}Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007.

They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

Bucket Specifications and Compatibility

							Cou	nterweight	4.6 mt (10,140 lb)	7.4 mt (16,310 lb)
		Wi	dth	Cap	acity	We	ight	Fill	HD Reach	SLR
	Linkage	mm	in	m³	yd³	kg	lb	%	HD R2.95 (9'8")	SLR7.85 (25'9")
Pin-On (No Quick Coupler)										
Heavy Duty	СВ	1350	54	1.54	2.02	1142	2,518	100	Θ	
	СВ	1500	60	1.76	2.30	1240	2, 733	100	Θ	
Ditch Cleaning	312, A	1200	48	0.57	0.74	364	803	100		\Diamond
	312, A	1500	60	0.74	0.97	455	1,003	100		\Diamond
				Maximum la	ad with air	an Inavian	d . balcat\	kg	3966	1044
				waxiiiiuiii id	oad with pin	-on (payload	ı + Dücket)	lb	8,744	2,302

Maximum Material Density:

→ 1500 kg/m³ (2,500 lb/yd³)

900 kg/m³ (1,500 lb/yd³)

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.

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

Counterweight		4.6 mt (10,140 lb
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 GC Side Mount	✓
	H120 GC S	✓
	H120 S	✓
	H130 GC	✓
	H130 GC Side Mount	✓
	H130 GC S	✓
	H130 S	✓
	H140 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	G324	✓
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	✓
Mulchers	HM4015	✓
	HM4815	✓
	HM5515	✓
	HM6015	✓
Rotary Cutters	RC20	✓
	RC30	√

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

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 GC Side Mount	✓
	H120 GC S	✓
	H120 S	✓
	H130 GC	√ *
	H130 GC Side Mount	✓
	H130 GC S	✓
	H130 S	✓
	H140 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	G324	√ *
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
Pulverizers	P218 Secondary Pulverizer	✓
	P318 Primary Pulverizer	✓
Mulchers	HM4015	✓
	HM4815	✓
	HM5515	✓
	HM6015	✓
Compactors (Vibratory Plate)	CVP110	✓
Rotary Cutters	RC20	✓
	RC30	✓

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
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Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 GC S	✓
	H120 S	✓
	H130 S	✓
	H140 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	G324	✓
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	✓
Rotary Cutters	RC20	✓
	RC30	✓

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
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Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 S	✓
	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
	H140 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	✓
	MP324 Tank Shear Jaw	√ *
	MP324 Universal Jaw	√ *
Demolition and Sorting Grapples	G324	√ *
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
Pulverizers	P218 Secondary Pulverizer	✓
	P318 Primary Pulverizer	✓
Compactors (Vibratory Plate)	CVP110	✓
Rotary Cutters	RC20	✓
	RC30	✓

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

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 S	✓
	H130 S	✓
	H140 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	✓
	MP324 Tank Shear Jaw	√ *
	MP324 Universal Jaw	√ *
Demolition and Sorting Grapples	G324	✓
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	✓
Rotary Cutters	RC20	✓
	RC30	✓

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
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Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 S	✓
	H130 S	✓
	H140 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	✓
	MP324 Tank Shear Jaw	√ *
	MP324 Universal Jaw	√ *
Demolition and Sorting Grapples	G324	√ *
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
Pulverizers	P218 Secondary Pulverizer	✓
	P318 Primary Pulverizer	✓
Compactors (Vibratory Plate)	CVP110	✓
Rotary Cutters	RC20	✓
	RC30	✓

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

CS80 DEDICATED COUPLER ATTACHMENTS	3	
Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC	✓
	H120 S	✓
	H130 GC	✓
	H130 S	✓
	H140 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	G324	√ *
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
Pulverizers	P218 Secondary Pulverizer	✓
	P318 Primary Pulverizer	✓
Compactors (Vibratory Plate)	CVP110	✓
Rotary Cutters	RC20	✓
	RC30	✓

TRS23 (PIN-ON TOP/S70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC S	✓
	H120 S	✓
	H130 S	✓
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

Attachments Offering	g Guide (continued)
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Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓	Matc

* Working range front only

TRS23 (S70 TOP/S70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 GC S	✓
	H120 S	✓
	H130 S	✓
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS23 (PIN-ON TOP/S80 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 S	✓
	H130 S	✓
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS23 (S80 TOP/S80 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 S	✓
	H130 S	√ *
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

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

TRS23 (HCS70 TOP/HCS70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 S	✓
	H130 S	√*
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS23 (HCS70/55 TOP/HCS70/55 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 S	✓
	H130 S	√*
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS23 (HCS80 TOP/HCS80 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Stick Length		HD R2.95 (9'8")
Hydraulic Hammers	H120 S	√*
Compactors (Vibratory Plate)	CVP110	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

BOOM-MOUNT ATTACHMENTS		
Counterweight		4.6 mt (10,140 lb)
Boom Type		HD Reach
Mobile Scrap and Demolition Shears	S2050	✓
	S3050 Flat Top	✓

Thumb Specifications

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

✓ Thumb Available Not Available

				Pro Plus		Pro		Stiff Link		Utility	
Durchest Tons	Tooth	Wi		- Di- 0-	Cat Pin	D: 0	Cat Pin	D:- 0	Cat Pin	D: 0	Cat Pin
Bucket Type	Quantity	mm	in	Pin-On	Grabber	Pin-On	Grabber	Pin-0n	Grabber	Pin-On	Grabber
General Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	\checkmark							
	6	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
	7	1350	54	✓	✓	✓	✓	✓		✓	✓
Heavy Duty	4	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	5	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
	6	1350	54	✓	✓	✓	✓	✓	✓	✓	✓
	7	1500	60	✓	✓	✓	✓	✓	✓	✓	✓
	7	1650	66	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty Power	5	1080	42		✓			✓	✓	✓	✓
	5	1232	48	✓	✓	✓	✓	✓	✓	✓	✓
	6	1384	54					✓	✓	✓	✓
Severe Duty	4	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1056	42	✓	✓	✓	✓	✓	✓	✓	✓
	5	1208	48	✓	✓	✓	✓	✓	✓	✓	✓
Pin Grabber	5	1208	48		✓		✓			✓	✓
Performance (HD)	6	1350	54							✓	✓
	7	1500	60							✓	✓
Pin Grabber	4	902	36							✓	✓
Performance (SD)	5	1056	42		✓					✓	✓

326 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
5.9 m (19'4") HD Reach boom	✓	
10.2 m (33'6") Super Long Reach boom		✓
2.95 m (9'8") HD Reach stick, CB1 linkage	✓	
7.85 m (25'9") Super Long Reach stick,		✓
A linkage		
Bucket linkage, CB1 type with lifting eye	✓	
Bucket linkage, A type with lifting eye, super long reach		✓
Bucket linkage, A type with lifting eye, super long reach, Cat Grade		✓
CAT TECHNOLOGY		
Cat Equipment Management:		
− VisionLink®	√ 1	
- VisionLink Productivity		✓2
-Remote Flash	✓	
- Remote Troubleshoot	✓	
-Work tool recognition and tracking (PL161)	✓3	
-Operator Coaching		✓4
Cat Grade:		
-Cat Grade with 2D	√ 5	
- 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 Grade 3D Ready		✓
Cat Assist:5		
-Grade Assist	✓	
-Boom Assist	✓	
-Bucket Assist	✓	
-Swing Assist	✓	
-Lift Assist	✓	
Cat Payload:5		
-On-the-go weighing	✓	
- Semiautomatic calibration	✓	
- Payload/cycle information	✓	
- VisionLink Productivity back office		✓2
reporting		
Cat Advanced Payload:		
-Daily totals		✓
- Custom lists		✓
-Smart weight target		✓
-E-ticket Integration		✓2
Other:		
Cat Tiltrotator (TRS) integration		✓

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries	✓	
Centralized electrical disconnect switch	✓	
Programmable time-delay working lights	✓	
LED chassis, boom and cab lights	✓	
Premium surround lighting package		✓
ENGINE		
Cat® C7.1 single turbo diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
4500 m (14,760 ft) altitude capability	✓	
with engine power derate above		
3000 m (9,840 ft)		
Electric cooling fans with auto-reverse function	✓	
Auto engine speed control	√	
Auto engine idle shutdown	✓	
Electric fuel priming pump	✓	
52° C (125° F) high-ambient cooling	✓	
capacity		
-18° C (0° F) cold start capability		✓
-32° C (-25° F) cold start capability		✓
Double element air filter with integrated	✓	
pre-cleaner		
2 × 115 Amp dual alternator	✓	
Two-stage fuel filtration system with	\checkmark	
water separator and indicator		

¹Provides 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.

²VisionLink subscription required. Consult your Cat dealer for details. ³Requires PL161 attachment locator on work tool and Bluetooth® receiver

on machine.

⁴VisionLink subscription required for back office reporting. Consult your Cat dealer for details.

 $^{\mathtt{5}}\textsc{Optional}$ on machines equipped with a Super Long Reach boom and stick.

326 Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional
HYDRAULIC SYSTEM		
Electronic main control value	\checkmark	
Auto Dig Boost	√ 6	
Auto heavy lift	√ 6	
Stick regeneration circuit	✓	
Hydraulic efficiency monitoring		✓
Tandem type electronic main pump	✓	
Auto warm up	✓	
Two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Element type main hydraulic filter	✓	
Hammer return filter circuit		✓
SAFETY AND SECURITY		
Cat Command remote control		✓
2D E-Fence	√ 5	
- E-ceiling		
-E-floor		
– E-swing – E-wall		
- E-cab avoidance		
Auto hammer stop	✓	
Rear and right-hand-sideview cameras		✓
Rearview camera and right-side mirror		✓
360° visibility		✓
Ground-level engine shutoff switch	✓	
Lockable disconnect switch	✓	
Right-hand handrail and handhold	✓	
Signaling/warning horn	✓	
Swing alarm		✓
Service platform with anti-skid plate	✓	
and countersunk bolts		
Hydraulic lock out lever neutralizes	✓	
all controls		
2 × machine ECMs	✓	
Travel alarm	✓	
Inspection lighting		✓

⁵ Optional on machines equipped with a Super Long Reach boom and stick.
⁶ Not available for Super Long Reach; requires a heavy lift valve.

	Standard	Optional
SERVICE AND MAINTENANCE		
Side entry to service platform	✓	
Grouped location of engine oil and fuel filters	✓	
Scheduled Oil Sampling (S·O·S SM) ports	✓	
Ground-level and platform-level dipstick for engine oil	✓	
Integrated vehicle health	✓	
management system		
UNDERCARRIAGE AND STRUCTURES		
Two-piece segmented track guiding guards		✓
Full length track guiding guards		✓
Swivel guard	✓	
Bottom guards		✓
HD bottom guards		✓
Travel motor guards		✓
HD travel motor guards		✓
Grease lubricated track	✓	
4.6 mt (10,140 lb) counterweight	✓	
7.4 mt (16,310 lb) counterweight		✓
700 mm (28") triple grouser track shoes		✓
790 mm (31") triple grouser track shoes		✓
600 mm (24") double grouser track shoes		✓
Tie-down points	✓	

326 Dealer Installed Kits and Attachments

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- · Lower radial wiper
- Rain protector plus cab light cover)
- Laminated P5A glass front windshield
- Left Hand (LH)/ Right Hand (RH) electrical pedal for tool control
- Armrest kit
- Seat with 4-point seatbelt capability
- Dual exit rear window kit
- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Cat Detect People Detection
- Cat Command Remote control kit

GUARDS

- HD swivel guard 16 mm (0.63") thick
- · Side rubber bumper guard
- Operator Protective 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 vandalism guard

ELECTRICAL

• Jump start wiring

Cab Options

	Comfort	Deluxe
ROPS	•	•
OPG	0	0
High-resolution 203 mm (8") LCD touchscreen monitor	•	•
High-resolution 254 mm (10") LCD touchscreen monitor*	0	0
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	•	Х
Tilt-up left-side console	X	•
Fixed left-side console	•	Х
Mechanical-suspension seat	•	Х
Heated air-suspension seat	X	•
51 mm (2") seat belt	•	•
Bluetooth integrated 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	Х	•
Openable steel hatch	•	Х
LED dome light	•	•
Roof sunscreen	Х	•
Roller front sunscreen	•	•
Roller rear sunscreen	0	0
Washable floor mat	•	•
Beacon ready	•	•
Auxiliary relay	X	0

*For use with 360° visibility

Standard

Optional

X Not available

326 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 emits 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 (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.

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 6395:2008 (external) – 104 dB(A)

ISO 6396:2008 (inside cab) – 70 dB(A)

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

Oils and Fluids

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

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic systems balance power and efficiency
- Smart mode matches machine power to digging requirements automatically
- Utilizing Cat technologies can help increase operating efficiencies
- Extended service intervals help decrease maintenance costs
- Programmable high-efficiency cooling fans run only when needed
- The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

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