



# 395

## Long Reach Hydraulic Excavator

# Technical Specifications

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

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## Engine

Engine Model	Cat® C18	
Net Power		
ISO 9249	404 kW	542 hp
ISO 9249 (DIN)	550 hp (metric)	
Engine Power		
ISO 14396	405 kW	543 hp
ISO 14396 (DIN)	551 hp (metric)	
Bore	145 mm	6 in
Stroke	183 mm	7 in
Displacement	18.1 L	1105 in <sup>3</sup>
Biodiesel capability	Up to B20 <sup>(1)</sup>	

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Recommended for use up to 4500 m (14,764 ft) altitude with engine power derate above 3000 m (9,842.5 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.
- Rated speed at 1,900 rpm

<sup>(1)</sup>Cat engines are compatible with diesel fuel blended with 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.

## Swing Mechanism

Maximum Swing Torque	363 kN·m	267,730 lb-ft
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## Weights

Operating Weight	102 000 kg	224,900 lb
• Long Undercarriage with frame extension, 12.5 m (41'0") LRE Boom, LRE 9.5 m (31'2") stick, HD 2.6 m <sup>3</sup> (3.4 yd <sup>3</sup> ) bucket, 900 mm (35") double grouser shoes, and 15.4 mt (34,060 lb) counterweight.		
Operating Weight	113 300 kg	249,700 lb
• Long Undercarriage with frame extension, 15.5 m (50'10") LRE Boom, LRE 11.8 m (38'9") stick, Heavy Duty (HD) 1.97 m <sup>3</sup> (2.58 yd <sup>3</sup> ) bucket, 900 mm (35") double grouser shoes, and 21.6 mt (47,600 lb) counterweight.		

## Track

Standard Track Shoes Width	900 mm	35 in
Optional Track Shoes Width	650 mm	26 in
Optional Track Shoes Width	750 mm	30 in
Number of Shoes (each side)	51	
Number of Track Rollers (each side)	9	
Number of Carrier Rollers (each side)	3	

## Drive

Gradeability	30°/58%	
Maximum Travel Speed	4.5 km/h	2.8 mph
Maximum Drawbar Pull	580 kN	130,389 lbf

## Hydraulic System

Main System – Maximum Flow (Implement)	1064 L/min (532 × 2 pumps)	281 gal/min (141 × 2 pumps)
Swing System – Maximum Flow	295 L/min	78 gal/min
Maximum Pressure – Equipment – Implement	37 000 kPa	5,366 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	31 000 kPa	4,496 psi
Boom Cylinder – Bore	210 mm	8 in
Boom Cylinder – Stroke	1967 mm	77 in
Stick Cylinder – Bore	220 mm	8.7 in
Stick Cylinder – Stroke	2262 mm	89 in
Bucket Cylinder – Bore	150 mm	6 in
Bucket Cylinder – Stroke	1151 mm	45 in
CB2 Bucket Cylinder – Bore	135 mm	5 in
CB2 Bucket Cylinder – Stroke	1156 mm	46 in

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## Service Refill Capacity

Fuel Tank Capacity	1220 L	322.3 gal
Cooling System	71 L	18.8 gal
Engine Oil (with filter)	67 L	17.7 gal
Swing Drive (each)	24 L	6.3 gal
Final Drive (each)	20 L	5.3 gal
Hydraulic System (including tank)	793 L	209.5 gal
Hydraulic Tank (including suction pipe)	372 L	98.2 gal
Diesel Exhaust Fluid (DEF) Tank	80 L	21.1 gal

## Standards

Brakes	ISO 10265: 2008
Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

## Sound Performance

ISO 6395:2008 (external)	109 dB(A)
ISO 6396:2008 (internal)	73 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).

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg (2.2lb) of refrigerant, which has a CO<sub>2</sub> equivalent of 1.430 metric tonnes (1.576 tons).

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## Operating Weights and Ground Pressures

	650 mm (26") Double Grouser Shoes		750 mm (30") Double Grouser Shoes		900 mm (35") Double Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
<b>15.4 mt (34,060 lb) Counterweight + Long Undercarriage with Frame Extension Base Machine</b>						
12.5 m (41'0") LRE Boom + 9.5 m (31'2") LRE Stick + 2.60 m <sup>3</sup> (3.40 yd <sup>3</sup> ) HD Bucket	100 100 (220,700)	138.6 (20.1)	101 000 (222,700)	121.2 (17.6)	102 000 (224,900)	102.0 (14.8)
<b>21.6 mt (47,600 lb) Counterweight + Long Undercarriage with Frame Extension Base Machine</b>						
15.5 m (50'10") LRE Boom + 11.8 m (38'9") LRE Stick + 1.97 m <sup>3</sup> (2.58 yd <sup>3</sup> ) HD Bucket	111 300 (245,400)	151.2 (21.9)	112 200 (247,400)	132.1 (19.2)	113 300 (249,700)	111.1 (16.1)

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

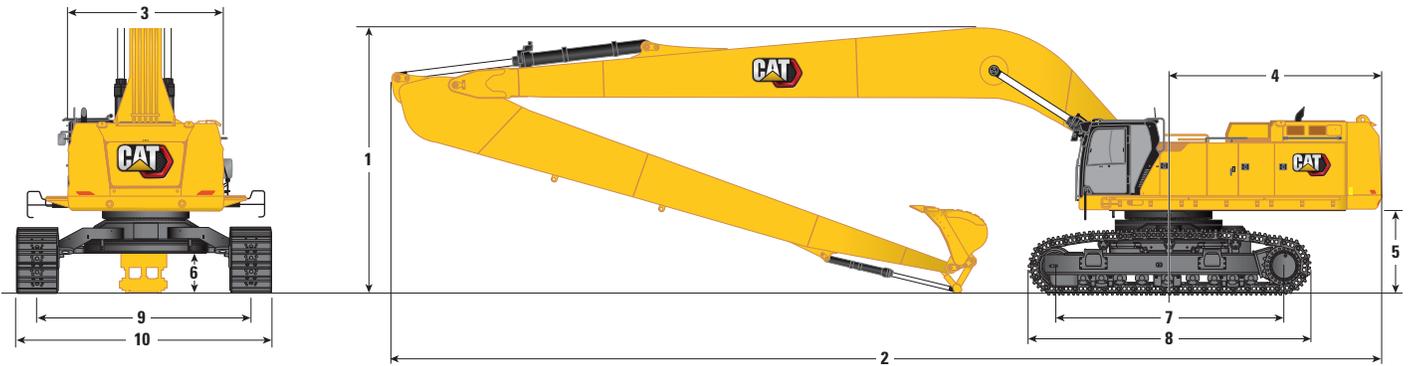
## Major Component Weights

	kg	lb
Base Machine Weight (including upperframe, Long undercarriage, counterweight, boom cylinders – without boom, stick, bucket, stick cylinder, bucket cylinder, tracks, fuel, operator)		
15.4 mt (34,060 lb) Counterweight, Swing Frame, Base Frame with Track Rollers and Carrier Rollers	70 970	156,460
21.6 mt (47,600 lb) Counterweight, Swing Frame, Base Frame with Track Rollers and Carrier Rollers	76 970	169,700
Track Shoes:		
650 mm (26") Width, 20.5 mm (0.8") Thick, Double Grouser Track Shoes	9290	20,470
750 mm (30") Width, 20.5 mm (0.8") Thick, Double Grouser Track Shoes	10 160	22,400
900 mm (35") Width, 20.5 mm (0.8") Thick, Double Grouser Track Shoes	11 220	24,740
Two Boom Cylinders	1820	4,010
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	1010	2,230
Counterweight:		
15.4 mt (34,060 lb) Counterweight	15 450	34,060
21.6 mt (47,600 lb) Counterweight	21 600	47,620
Swing Frames:		
Swing Frame	9100	20,060
Long Undercarriage:		
Base Frame with Track Rollers and Carrier Rollers	32 740	72,180
Booms (including lines, pins, stick cylinder):		
12.5m (41'0") LRE Boom	11 300	24,910
15.5 m (50'10") LRE boom	14 510	31,990
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
9.5 m (31'2") LRE Stick	5660	12,480
11.8 m (38'9") LRE stick	5930	13,070
Buckets (without linkage):		
1.97 m <sup>3</sup> (2.58 yd <sup>3</sup> ) HD	1290	2,850
2.60 m <sup>3</sup> (3.40 yd <sup>3</sup> ) HD	1990	4,400
Frame Extension	8120	17,910

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## Dimensions

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



### Boom Options

**LRE Boom**  
12.5 m (41'0")

**LRE Boom**  
15.5 m (50'10")

### Stick Options

**LRE Stick**  
9.5 m (31'2")

**LRE Stick**  
11.8 m (38'9")

#### 1 Machine Height:

Cab Height	3910 mm	12'10"	3910 mm	12'10"
OPG Height	4050 mm	13'4"	4050 mm	13'4"
Handrail Height	3990 mm	13'1"	3990 mm	13'1"
With Boom/Stick/Bucket Installed	8476 mm	27'10"	11 860 mm	38'11"
With Boom/Stick Installed	8476 mm	27'10"	11 860 mm	38'11"
With Boom/Stick/Bucket Installed (with auxiliary lines)	8476 mm	27'10"	11 860 mm	38'11"
With Boom/Stick Installed (with auxiliary lines)	8476 mm	27'10"	11 860 mm	38'11"

#### 2 Machine Length:

With Boom/Stick/Bucket Installed	17 930 mm	58'10"	19 900 mm	65'3"
With Boom/Stick Installed	17 930 mm	58'10"	19 900 mm	65'3"
With Boom/Stick/Bucket Installed (with auxiliary lines)	17 930 mm	58'10"	19 900 mm	65'3"
With Boom/Stick Installed (with auxiliary lines)	17 930 mm	58'10"	19 900 mm	65'3"

#### 3 Upperframe Width

Without Walkways	3490 mm	11'5"	3490 mm	11'5"
With Walkways	4510 mm	14'10"	4510 mm	14'10"
Walkways Width	500 mm	1'8"	500 mm	1'8"

#### 4 Tail Swing Radius

4840 mm	15'11"	4840 mm	15'11"
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#### 5 Counterweight Clearance

1880 mm	6'2"	1880 mm	6'2"
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#### Bucket Type

HD

HD

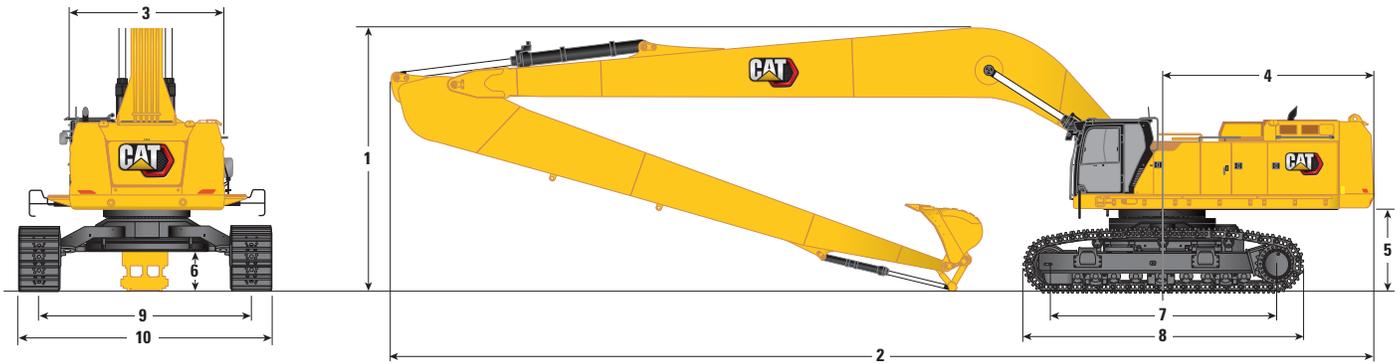
Bucket Capacity	2.6 m <sup>3</sup>	3.4 yd <sup>3</sup>	1.97 m <sup>3</sup>	2.58 yd <sup>3</sup>
Bucket Tip Radius	1837 mm	6'0"	1659 mm	5'5"

(continued on next page)

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## Dimensions *(continued)*

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



### Boom Options

**LRE Boom**  
**12.5 m (41'0")**

**LRE Boom**  
**15.5 m (50'10")**

### Stick Options

**LRE Stick**  
**9.5 m (31'2")**

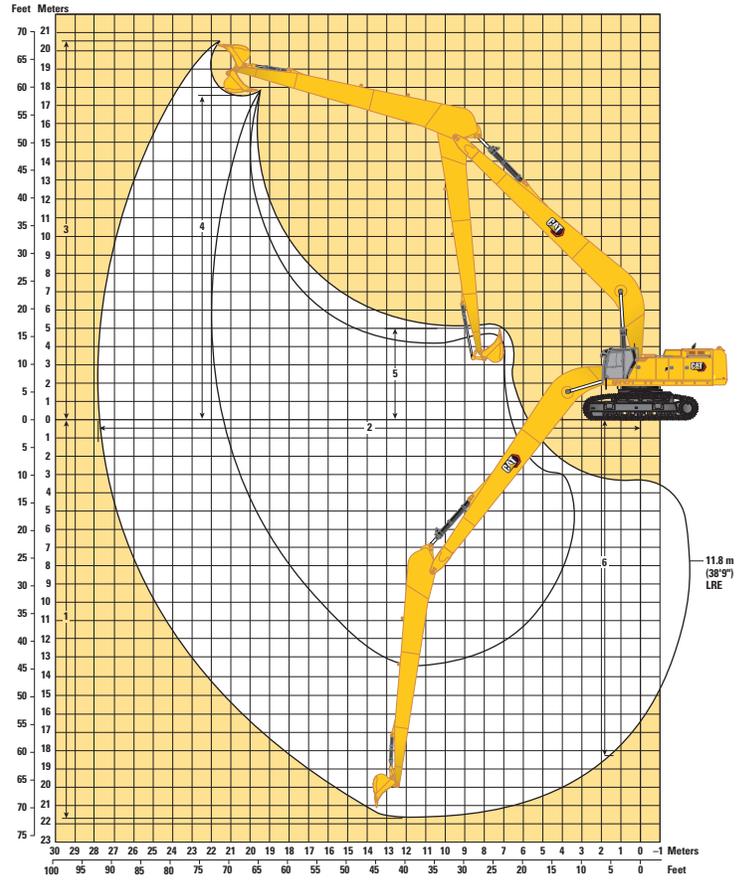
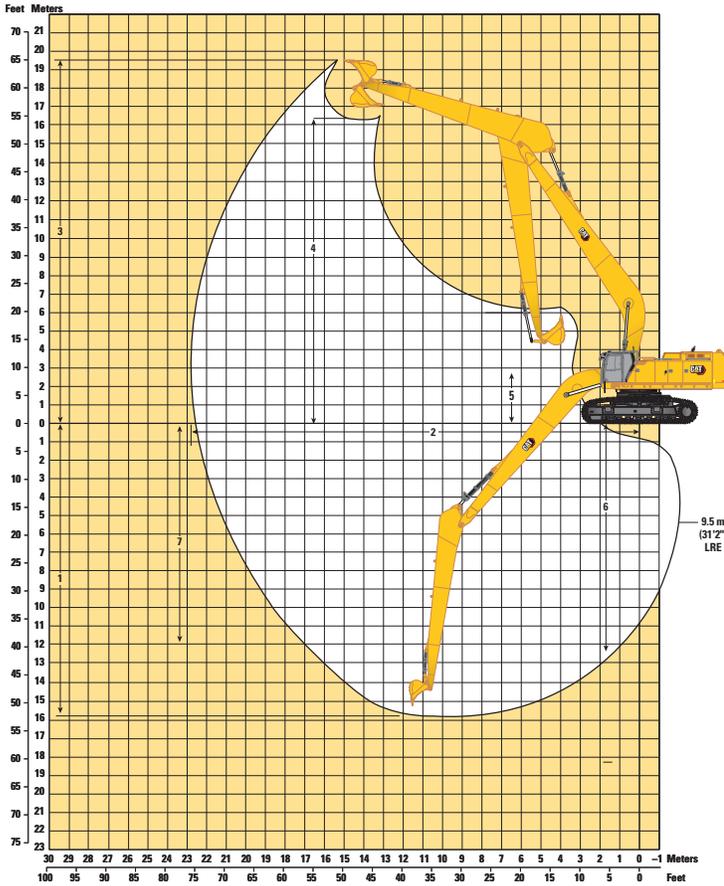
**LRE Stick**  
**11.8 m (38'9")**

<b>6</b> Ground Clearance	915 mm	3'0"	915 mm	3'0"
<b>7</b> Length to Center of Rollers	5120 mm	16'10"	5120 mm	16'10"
<b>8</b> Track Length	6350 mm	20'10"	6350 mm	20'10"
<b>9</b> Track Gauge – with Frame Extension	4840 mm	15'11"	4840 mm	15'11"
Track Width – with Frame Extension:				
650 mm (26") Shoe	5490 mm	18'0"	5490 mm	18'0"
750 mm (30") Shoe	5590 mm	18'4"	5590 mm	18'4"
900 mm (35") Shoe	5740 mm	18'10"	5740 mm	18'10"
<b>10</b> Track Width (with steps) – with Frame Extension:				
650 mm (26") Shoe	5780 mm	19'0"	5780 mm	19'0"
750 mm (30") Shoe	5780 mm	19'0"	5780 mm	19'0"
900 mm (35") Shoe	5780 mm	19'0"	5780 mm	19'0"
Bucket Type	HD		HD	
Bucket Capacity	2.6 m <sup>3</sup>	3.40 yd <sup>3</sup>	1.97 m <sup>3</sup>	2.58 yd <sup>3</sup>
Bucket Tip Radius	1837 mm	6'0"	1659 mm	5'5"

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## Working Ranges

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



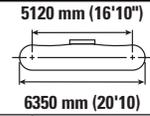
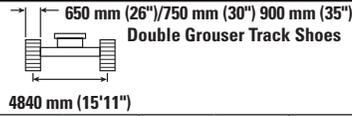
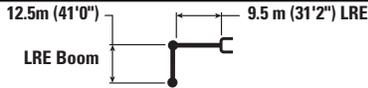
### Boom Option

### Stick Option

	LRE Boom 12.5 m (41'0")		LRE Boom 15.5 m (50'10")	
	LRE Stick 9.5 m (31'2")		LRE Stick 11.8 m (38'9")	
1 Maximum Digging Depth	15 770 mm	51'9"	21 700 mm	71'2"
2 Maximum Reach at Ground Line	22 610 mm	74'2"	27 820 mm	91'3"
3 Maximum Cutting Height	19 470 mm	63'11"	20 530 mm	67'4"
4 Maximum Loading Height	16 200 mm	53'2"	17 580 mm	57'8"
5 Minimum Loading Height	2810 mm	9'3"	1980 mm	6'6"
6 Maximum Depth Cut for 2440 mm (8ft) Level Bottom	15 700 mm	51'6"	21 640 mm	71'0"
7 Maximum Vertical Wall Digging Depth	11 930 mm	39'2"	18 290 mm	60'0"
Bucket Digging Force (ISO)	233 kN	52,480 lbf	206 kN	46,370 lbf
Stick Digging Force (ISO)	186 kN	41,810 lbf	156 kN	35,150 lbf
Bucket Digging Force (ISO) – Auto Dig Boost	233 kN	52,480 lbf	206 kN	46,370 lbf
Stick Digging Force (ISO) – Auto Dig Boost	186 kN	41,810 lbf	156 kN	35,150 lbf
Bucket Type	HD			
Bucket Capacity	2.60 m <sup>3</sup>	340 yd <sup>3</sup>	1.97 m <sup>3</sup>	2.58 yd <sup>3</sup>
Bucket Tip Radius	1837 mm	6'0"	1659 mm	5'5"

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## LRE Boom Lift Capacities – 15.4 mt (34,060 lb) Counterweight – without Bucket



		1.0 m (3.3 ft)		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		mm ft/in			
16.5 m	kg																*4700	*4700	15.99
55.0 ft	lb																<b>*10,450</b>	<b>*10,450</b>	<b>51.71</b>
15.0 m	kg																*4550	*4550	17.16
50.0 ft	lb																<b>*10,000</b>	<b>*10,000</b>	<b>55.73</b>
13.5 m	kg																*4400	*4400	18.13
45.0 ft	lb																<b>*9,750</b>	<b>*9,750</b>	<b>59.05</b>
12.0 m	kg																*4350	*4350	18.92
40.0 ft	lb																<b>*9,550</b>	<b>*9,550</b>	<b>61.78</b>
10.5 m	kg																*4300	*4300	19.57
35.0 ft	lb																<b>*9,500</b>	<b>*9,500</b>	<b>64</b>
9.0 m	kg																*4300	*4300	20.09
30.0 ft	lb																<b>*9,500</b>	<b>*9,500</b>	<b>65.76</b>
7.5 m	kg																*4350	*4350	20.48
25.0 ft	lb																<b>*9,600</b>	<b>*9,600</b>	<b>67.1</b>
6.0 m	kg																*4450	*4450	20.75
20.0 ft	lb																<b>*9,750</b>	<b>*9,750</b>	<b>68.04</b>
4.5 m	kg									*25 950	*25 950	*20 350	*20 350	*16 850	*16 850		*4550	*4550	20.92
15.0 ft	lb									<b>*55,850</b>	<b>*55,850</b>	<b>*43,900</b>	<b>*43,900</b>	<b>*36,400</b>	<b>*36,400</b>		<b>*10,000</b>	<b>*10,000</b>	<b>68.6</b>
3.0 m	kg									*27 150	*27 150	*22 150	*22 150	*18 050	*18 050		*4700	*4700	20.97
10.0 ft	lb									<b>*62,150</b>	<b>*62,150</b>	<b>*47,850</b>	<b>*47,850</b>	<b>*39,000</b>	<b>*39,000</b>		<b>*10,350</b>	<b>*10,350</b>	<b>68.79</b>
1.5 m	kg									*15 950	*15 950	*23 500	*23 500	*19 000	*19 000		*4900	*4900	20.91
5.0 ft	lb									<b>*37,150</b>	<b>*37,150</b>	<b>*50,800</b>	<b>*50,800</b>	<b>*41,100</b>	<b>*41,100</b>		<b>*10,800</b>	<b>*10,800</b>	<b>68.62</b>
0 m	kg									*13 650	*13 650	*24 250	*24 250	*19 650	*19 650		*5150	*5150	20.75
0 ft	lb									<b>*31,250</b>	<b>*31,250</b>	<b>*52,450</b>	<b>*52,450</b>	<b>*42,500</b>	<b>*42,500</b>		<b>*11,350</b>	<b>*11,350</b>	<b>68.07</b>
-1.5 m	kg							*8800	*8800	*13 750	*13 750	*22 950	*22 950	*19 900	*19 900		*5500	*5500	20.47
-5.0 ft	lb							<b>*19,750</b>	<b>*19,750</b>	<b>*31,250</b>	<b>*31,250</b>	<b>*52,800</b>	<b>*52,800</b>	<b>*43,100</b>	<b>*43,100</b>		<b>*12,100</b>	<b>*12,100</b>	<b>67.14</b>
-3.0 m	kg	*7050	*7050	*7150	*7150	*8150	*8150	*10 550	*10 550	*14 900	*14 900	*22 700	*22 700	*19 850	*19 850		*5900	*5900	20.08
-10.0 ft	lb	<b>*15,650</b>	<b>*15,650</b>	<b>*15,850</b>	<b>*15,850</b>	<b>*18,150</b>	<b>*18,150</b>	<b>*23,700</b>	<b>*23,700</b>	<b>*33,750</b>	<b>*33,750</b>	<b>*51,950</b>	<b>*51,950</b>	<b>*42,950</b>	<b>*42,950</b>		<b>*13,000</b>	<b>*13,000</b>	<b>65.82</b>
-4.5 m	kg	*8900	*8900	*9050	*9050	*10 200	*10 200	*12 550	*12 550	*16 700	*16 700	*23 350	*23 350	*19 400	*19 400		*6400	*6400	19.56
-15.0 ft	lb	<b>*19,800</b>	<b>*19,800</b>	<b>*20,200</b>	<b>*20,200</b>	<b>*22,850</b>	<b>*22,850</b>	<b>*28,250</b>	<b>*28,250</b>	<b>*37,750</b>	<b>*37,750</b>	<b>*50,500</b>	<b>*50,500</b>	<b>*41,950</b>	<b>*41,950</b>		<b>*14,150</b>	<b>*14,150</b>	<b>64.08</b>
-6.0 m	kg	*10 850	*10 850	*11 100	*11 100	*12 400	*12 400	*14 850	*14 850	*19,000	*19,000	*22 150	*22 150	*18 600	*18 600		*7100	*7100	18.91
-20.0 ft	lb	<b>*24,200</b>	<b>*24,200</b>	<b>*24,750</b>	<b>*24,750</b>	<b>*27,750</b>	<b>*27,750</b>	<b>*33,400</b>	<b>*33,400</b>	<b>*42,950</b>	<b>*42,950</b>	<b>*47,900</b>	<b>*47,900</b>	<b>*40,200</b>	<b>*40,200</b>		<b>*15,700</b>	<b>*15,700</b>	<b>61.88</b>
-7.5 m	kg			*13 200	*13 200	*14 750	*14 750	*17 400	*17 400	*21 750	*21 750	*20 550	*20 550	*17 450	*17 450		*7000	*7000	18.11
-25.0 ft	lb			<b>*29,550</b>	<b>*29,550</b>	<b>*33,050</b>	<b>*33,050</b>	<b>*39,150</b>	<b>*39,150</b>	<b>*49,200</b>	<b>*49,200</b>	<b>*44,350</b>	<b>*44,350</b>	<b>*37,600</b>	<b>*37,600</b>		<b>*15,350</b>	<b>*15,350</b>	<b>59.17</b>
-9.0 m	kg					*17 300	*17 300	*20 250	*20 250	*21 800	*21 800	*18 500	*18 500	*15 850	*15 850		*6750	*6750	17.13
-30.0 ft	lb					<b>*38,900</b>	<b>*38,900</b>	<b>*45,700</b>	<b>*45,700</b>	<b>*46,850</b>	<b>*46,850</b>	<b>*39,750</b>	<b>*39,750</b>	<b>*34,050</b>	<b>*34,050</b>		<b>*14,750</b>	<b>*14,750</b>	<b>55.87</b>
-10.5 m	kg							*21 450	*21 450	*18 400	*18 400	*15 900	*15 900	*13 800	*13 800		*6300	*6300	15.96
-35.0 ft	lb							<b>*45,650</b>	<b>*45,650</b>	<b>*39,200</b>	<b>*39,200</b>	<b>*33,950</b>	<b>*33,950</b>	<b>*29,450</b>	<b>*29,450</b>		<b>*13,750</b>	<b>*13,750</b>	<b>51.89</b>
-12.0 m	kg									*14 250	*14 250	*12 650	*12 650	*11 150	*11 150		*5650	*5650	14.54
-40.0 ft	lb									<b>*29,850</b>	<b>*29,850</b>	<b>*26,600</b>	<b>*26,600</b>	<b>*23,400</b>	<b>*23,400</b>		<b>*12,100</b>	<b>*12,100</b>	<b>47.02</b>
-13.5 m	kg														*7700	*7700	12.78		
-45.0 ft	lb														<b>*15,450</b>	<b>*15,450</b>	<b>*10,250</b>	<b>39.56</b>	



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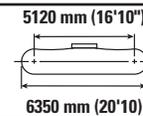
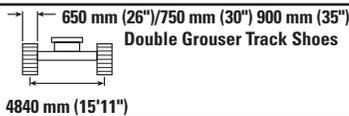
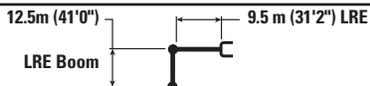


\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

# 395 LRE Hydraulic Excavator Specifications

## LRE Boom Lift Capacities – 15.4 mt (34,060 lb) Counterweight – without Bucket (continued)



		10.5 m (35 ft)		12.0 m (40 ft)		13.5 m (45 ft)		15 m (50 ft)		16.5 m (55 ft)		18 m (60 ft)		19.5 m (65 ft)		mm ft/in			
16.5 m 55.0 ft	kg lb							*12,300	*12,300								*4700 *10,450	*4700 *10,450	15.99 51.71
15.0 m 50.0 ft	kg lb									*5600 *10,950	*5600 *10,950						*4550 *10,000	*4550 *10,000	17.16 55.73
13.5 m 45.0 ft	kg lb									*6600 *13,750	*6600 *13,750	*4650	*4650				*4400 *9,750	*4400 *9,750	18.13 59.05
12.0 m 40.0 ft	kg lb							*17,050	*17,050	*7300 *15,500	*7300 *15,500	*5950 *11,850	*5950 *11,850				*4350 *9,550	*4350 *9,550	18.92 61.78
10.5 m 35.0 ft	kg lb							*8300 *18,050	*8300 *18,050	*7850 *16,800	*7850 *16,800	*6800 *14,050	*6800 *14,050	*4500	*4500		*4300 *9,500	*4300 *9,500	19.57 64
9.0 m 30.0 ft	kg lb							*8900 *19,350	*8900 *19,350	*8450 *18,150	*8450 *18,150	*7500 *15,750	*7500 *15,750	*5600 *10,700	*5600 *10,700		*4300 *9,500	*4300 *9,500	20.09 65.79
7.5 m 25.0 ft	kg lb					*10 050 *21,900	*10 050 *21,900	*9650 *20,950	*9650 *20,950	*9000 *19,500	*9000 *19,500	*8150 *17,300	*8150 *17,300	*6400 *12,750	*6400 *12,750		*4350 *9,600	*4350 *9,600	20.48 67.1
6.0 m 20.0 ft	kg lb			*12 050 *26,100	*12 050 *26,100	*10 900 *23,600	*10 900 *23,600	*9950 *21,600	*9950 *21,600	*9200 *19,950	*9200 *19,950	*8550 *18,550	*8550 *18,550	*7100 *14,350	*7100 *14,350		*4450 *9,750	*4450 *9,750	20.75 68.04
4.5 m 15.0 ft	kg lb	*14 450 *31,200	*14 450 *31,200	*12 700 *27,450	*12 700 *27,450	*11 350 *24,550	*11 350 *24,550	*10 300 *22,250	*10 300 *22,250	*9400 *20,400	*9400 *20,400	*8700 *18,850	*8700 *18,850	*7700 *15,700	*7700 *15,700		*4550 *10,000	*4550 *10,000	20.92 68.6
3.0 m 10.0 ft	kg lb	*15 250 *33,000	*15 250 *33,000	*13 250 *28,700	*13 250 *28,700	*11 750 *25,450	*11 750 *25,450	*10 600 *22,900	*10 600 *22,900	*9600 *20,850	*9600 *20,850	*8800 *19,100	*8800 *19,100	*8100 *16,750	*8100 *16,750		*4700 *10,350	*4700 *10,350	20.97 68.79
1.5 m 5.0 ft	kg lb	*15 950 *34,550	*15 950 *34,550	*13 800 *29,800	*13 800 *29,800	*12 150 *26,250	*12 150 *26,250	*10 850 *23,450	*10 850 *23,450	*9800 *21,200	*9800 *21,200	*8900 *19,250	*8900 *19,250	*8150 *17,550	*8150 *17,550		*4900 *10,800	*4900 *10,800	20.91 68.62
0 m 0 ft	kg lb	*16 450 *35,600	*16 450 *35,600	*14 150 *30,600	*14 150 *30,600	*12 400 *26,800	*12 400 *26,800	*11 000 *23,850	*11 000 *23,850	*9900 *21,400	*9900 *21,400	*8950 *19,350	*8950 *19,350	*8100 *17,450	*8100 *17,450		*5150 *11,350	*5150 *11,350	20.75 68.07
-1.5 m -5.0 ft	kg lb	*16 700 *36,200	*16 700 *36,200	*14 350 *31,050	*14 350 *31,050	*12 550 *27,150	*12 550 *27,150	*11 100 *24,000	*11 100 *24,000	*9950 *21,450	*9950 *21,450	*8900 *19,200	*8900 *19,200	*8000 *17,150	*8000 *17,150		*5500 *12,100	*5500 *12,100	20.47 67.14
-3.0 m -10.0 ft	kg lb	*16 700 *36,150	*16 700 *36,150	*14 350 *31,050	*14 350 *31,050	*12 550 *27,100	*12 550 *27,100	*11 050 *23,900	*11 050 *23,900	*9850 *21,200	*9850 *21,200	*8750 *18,850	*8750 *18,850	*7750 *15,250	*7750 *15,250		*5900 *13,000	*5900 *13,000	20.08 65.82
-4.5 m -15.0 ft	kg lb	*16 450 *35,550	*16 450 *35,550	*14 150 *30,600	*14 150 *30,600	*12 350 *26,650	*12 350 *26,650	*10 850 *23,450	*10 850 *23,450	*9600 *20,650	*9600 *20,650	*8450 *18,150	*8450 *18,150	*6700	*6700		*6400 *14,150	*6400 *14,150	19.56 64.08
-6.0 m -20.0 ft	kg lb	*15 850 *34,250	*15 850 *34,250	*13 700 *29,550	*13 700 *29,550	*11 950 *25,750	*11 950 *25,750	*10 500 *22,500	*10 500 *22,500	*9200 *19,650	*9200 *19,650	*7950 *16,900	*7950 *16,900				*7100 *15,700	*7100 *15,700	18.91 61.88
-7.5 m -25.0 ft	kg lb	*14 950 *32,250	*14 950 *32,250	*12 950 *27,900	*12 950 *27,900	*11 300 *24,250	*11 300 *24,250	*9850 *21,050	*9850 *21,050	*8500 *18,050	*8500 *18,050	*7100	*7100				*7000 *15,350	*7000 *15,350	18.11 59.17
-9.0 m -30.0 ft	kg lb	*13 700 *29,400	*13 700 *29,400	*11 900 *25,450	*11 900 *25,450	*10 300 *21,950	*10 300 *21,950	*8850 *18,750	*8850 *18,750	*7400 *15,400	*7400 *15,400						*6750 *14,750	*6750 *14,750	17.13 55.87
-10.5 m -35.0 ft	kg lb	*12 000 *25,500	*12 000 *25,500	*10 400 *22,000	*10 400 *22,000	*8900 *18,650	*8900 *18,650	*7400 *15,250	*7400 *15,250								*6300 *13,750	*6300 *13,750	15.96 51.89
-12.0 m -40.0 ft	kg lb	*9700 *20,300	*9700 *20,300	*8300 *17,100	*8300 *17,100	*6800 *13,700	*6800 *13,700										*5650 *12,100	*5650 *12,100	14.54 47.02
-13.5 m -45.0 ft	kg lb	*6600 *13,000	*6600 *13,000	*5250	*5250												*4400 *10,250	*4400 *10,250	12.78 39.56



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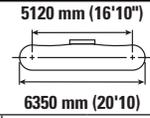
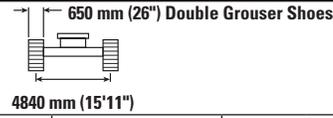
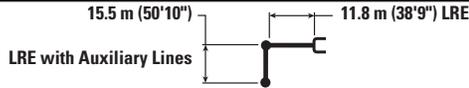


\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

# 395 LRE Hydraulic Excavator Specifications

## LRE Boom Lift Capacities – 21.5 mt (47,600 lb) Counterweight – without Bucket (continued)



Lift Height m / ft	Unit	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		mm ft/in				
		kg lb	mm ft/in															
18.0 m 60.0 ft	kg lb													*3150 *7,000	*3150 *7,000	21.59 70.16		
16.5 m 55.0 ft	kg lb													*3050 *6,800	*3050 *6,800	22.57 73.51		
15.0 m 50.0 ft	kg lb													*3000 *6,600	*3000 *6,600	23.41 76.38		
13.5 m 45.0 ft	kg lb													*2950 *6,500	*2950 *6,500	24.12 78.82		
12.0 m 40.0 ft	kg lb													*2950 *6,450	*2950 *6,450	24.72 80.88		
10.5 m 35.0 ft	kg lb													*2950 *6,450	*2950 *6,450	25.22 82.59		
9.0 m 30.0 ft	kg lb													*2950 *6,450	*2950 *6,450	25.62 83.95		
7.5 m 25.0 ft	kg lb													*2950 *6,500	*2950 *6,500	25.93 85.01		
6.0 m 20.0 ft	kg lb													*3000 *6,600	*3000 *6,600	26.15 85.75		
4.5 m 15.0 ft	kg lb													*3100 *6,750	*3100 *6,750	26.28 86.2		
3.0 m 10.0 ft	kg lb											*11 950 *25,800	*11 950 *25,800	*3150 *6,950	*3150 *6,950	26.32 86.35		
1.5 m 5.0 ft	kg lb											*12 650 *27,300	*12 650 *27,300	*3300 *7,200	*3300 *7,200	26.27 86.21		
0 m 0 ft	kg lb											*13 200 *28,500	*13 200 *28,500	*3400 *7,500	*3400 *7,500	26.14 85.77		
-1.5 m -5.0 ft	kg lb									*9450 *21,700	*9450 *21,700	*13 600 *29,400	*13 600 *29,400	*3450 *7,600	*3450 *7,600	25.92 85.04		
-3.0 m -10.0 ft	kg lb							*6650 *15,050	*6650 *15,050	*9850 *22,500	*9850 *22,500	*13 850 *29,900	*13 850 *29,900	*3500 *7,700	*3500 *7,700	25.62 84		
-4.5 m -15.0 ft	kg lb			*10,850 *23,900	*10,850 *23,900	*13,350 *29,400	*13,350 *29,400	*5950 *13,100	*5950 *13,100	*7800 *17,600	*7800 *17,600	*10 750 *24,400	*10 750 *24,400	*13 900 *30,100	*13 900 *30,100	*3550 *7,800	*3550 *7,800	25.21 82.65
-6.0 m -20.0 ft	kg lb	*5650 *12,650	*5650 *12,650	*6200 *13,900	*6200 *13,900	*7300 *16,400	*7300 *16,400	*9100 *20,550	*9100 *20,550	*11 900 *27,050	*11 900 *27,050	*13 850 *29,950	*13 850 *29,950	*3600 *7,900	*3600 *7,900	24.71 80.96		
-7.5 m -25.0 ft	kg lb	*6950 *15,600	*6950 *15,600	*7600 *17,050	*7600 *17,050	*8750 *19,650	*8750 *19,650	*10 550 *23,850	*10 550 *23,850	*13 350 *30,300	*13 350 *30,300	*13 650 *29,500	*13 650 *29,500	*3600 *7,950	*3600 *7,950	24.11 78.91		
-9.0 m -30.0 ft	kg lb	*8350 *18,650	*8350 *18,650	*9050 *20,350	*9050 *20,350	*10 300 *23,200	*10 300 *23,200	*12 200 *27,550	*12 200 *27,550	*15 050 *34,200	*15 050 *34,200	*13 300 *28,750	*13 300 *28,750	*3650 *8,050	*3650 *8,050	23.39 76.48		
-10.5 m -35.0 ft	kg lb	*9750 *21,900	*9750 *21,900	*10 650 *23,900	*10 650 *23,900	*12 000 *27,000	*12 000 *27,000	*14 000 *31,700	*14 000 *31,700	*15 350 *33,050	*15 350 *33,050	*12 800 *27,600	*12 800 *27,600	*3700 *8,100	*3700 *8,100	22.55 73.63		
-12.0 m -40.0 ft	kg lb	*11 300 *25,400	*11 300 *25,400	*12 300 *27,700	*12 300 *27,700	*13 850 *31,200	*13 850 *31,200	*16 050 *36,400	*16 050 *36,400	*14 400 *31,000	*14 400 *31,000	*12 150 *26,100	*12 150 *26,100	*3650 *8,050	*3650 *8,050	21.57 70.3		
-13.5 m -45.0 ft	kg lb	*13 000 *29,150	*13 000 *29,150	*14 150 *31,900	*14 150 *31,900	*15 900 *35,950	*15 900 *35,950	*15 900 *34,100	*15 900 *34,100	*13 250 *28,350	*13 250 *28,350	*11 250 *24,100	*11 250 *24,100	*3650 *7,950	*3650 *7,950	20.43 66.43		
-15.0 m -50.0 ft	kg lb	*14 800 *33,350	*14 800 *33,350	*16 200 *36,600	*16 200 *36,600	*17 150 *36,350	*17 150 *36,350	*14 000 *29,700	*14 000 *29,700	*11 800 *25,050	*11 800 *25,050	*10 100 *21,500	*10 100 *21,500	*3550 *7,750	*3550 *7,750	19.1 61.91		
-16.5 m -55.0 ft	kg lb			*17 550 *36,100	*17 550 *36,100	*13 850 *28,800	*13 850 *28,800	*11 600 *24,300	*11 600 *24,300	*10 000 *20,900	*10 000 *20,900	*8650 *18,150	*8650 *18,150	*3350 *7,250	*3350 *7,250	17.55 56.58		
-18.0 m -60.0 ft	kg lb					*9800	*9800	*8700 *17,550	*8700 *17,550	*7700 *15,650	*7700 *15,650	*6750 *13,800	*6750 *13,800	*2950 *6,250	*2950 *6,250	15.69 50.18		
-19.5 m -65.0 ft	kg lb											*4300 *7,950	*4300 *7,950	*2200 *4,250	*2200 *4,250	13.41 42.22		



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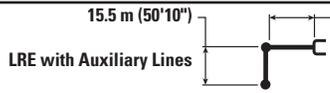


\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

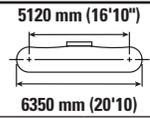
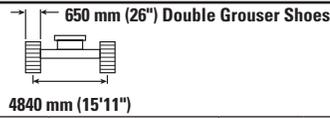
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 395 LRE Hydraulic Excavator Specifications

## LRE Boom Lift Capacities – 21.5 mt (47,600 lb) Counterweight – without Bucket (continued)



11.8 m (38'9") LRE



Lift Height m / ft	Unit	10.5 m (35 ft)		12.0 m (40 ft)		13.5 m (45 ft)		15 m (50 ft)		16.5 m (55 ft)		18 m (60 ft)		mm ft/in		
		kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	mm ft/in
18.0 m 60.0 ft	kg lb													*3150 *7,000	*3150 *7,000	21.59 70.16
16.5 m 55.0 ft	kg lb													*3050 *6,800	*3050 *6,800	22.57 73.51
15.0 m 50.0 ft	kg lb													*3000 *6,600	*3000 *6,600	23.41 76.38
13.5 m 45.0 ft	kg lb													*2950 *6,500	*2950 *6,500	24.12 78.82
12.0 m 40.0 ft	kg lb													*2950 *6,450	*2950 *6,450	24.72 80.88
10.5 m 35.0 ft	kg lb													*2950 *6,450	*2950 *6,450	25.22 82.59
9.0 m 30.0 ft	kg lb													*2950 *6,450	*2950 *6,450	25.62 83.95
7.5 m 25.0 ft	kg lb													*2950 *6,500	*2950 *6,500	25.93 85.01
6.0 m 20.0 ft	kg lb									*5350 *11,600	*5350 *11,600	*4900 *10,550	*4900 *10,550	*3000 *6,600	*3000 *6,600	26.15 85.75
4.5 m 15.0 ft	kg lb							*6200 *13,350	*6200 *13,350	*5550 *12,000	*5550 *12,000	*5050 *10,900	*5050 *10,900	*3100 *6,750	*3100 *6,750	26.28 86.2
3.0 m 10.0 ft	kg lb	*9900 *21,350	*9900 *21,350	*8400 *18,150	*8400 *18,150	*7300 *15,750	*7300 *15,750	*6450 *13,900	*6450 *13,900	*5750 *12,450	*5750 *12,450	*5200 *11,200	*5200 *11,200	*3150 *6,950	*3150 *6,950	26.32 86.35
1.5 m 5.0 ft	kg lb	*10,400 *22,450	*10,400 *22,450	*8800 *19,000	*8800 *19,000	*7600 *16,400	*7600 *16,400	*6700 *14,400	*6700 *14,400	*5950 *12,850	*5950 *12,850	*5350 *11,550	*5350 *11,550	*3300 *7,200	*3300 *7,200	26.27 86.21
0 m 0 ft	kg lb	*10,850 *23,400	*10,850 *23,400	*9150 *19,750	*9150 *19,750	*7900 *17,000	*7900 *17,000	*6900 *14,900	*6900 *14,900	*6150 *13,200	*6150 *13,200	*5500 *11,850	*5500 *11,850	*3400 *7,500	*3400 *7,500	26.14 85.77
-1.5 m -5.0 ft	kg lb	*11,200 *24,150	*11,200 *24,150	*9450 *20,400	*9450 *20,400	*8100 *17,550	*8100 *17,550	*7100 *15,300	*7100 *15,300	*6300 *13,550	*6300 *13,550	*5650 *12,150	*5650 *12,150	*3450 *7,600	*3450 *7,600	25.92 85.04
-3.0 m -10.0 ft	kg lb	*11,450 *24,700	*11,450 *24,700	*9650 *20,850	*9650 *20,850	*8300 *17,950	*8300 *17,950	*7250 *15,650	*7250 *15,650	*6400 *13,850	*6400 *13,850	*5750 *12,350	*5750 *12,350	*3500 *7,700	*3500 *7,700	25.62 84
-4.5 m -15.0 ft	kg lb	*11,550 *24,950	*11,550 *24,950	*9800 *21,150	*9800 *21,150	*8450 *18,200	*8450 *18,200	*7350 *15,900	*7350 *15,900	*6500 *14,050	*6500 *14,050	*5800 *12,500	*5800 *12,500	*3550 *7,800	*3550 *7,800	25.21 82.65
-6.0 m -20.0 ft	kg lb	*11,600 *25,000	*11,600 *25,000	*9850 *21,250	*9850 *21,250	*8500 *18,350	*8500 *18,350	*7450 *16,000	*7450 *16,000	*6550 *14,150	*6550 *14,150	*5850 *12,600	*5850 *12,600	*3600 *7,900	*3600 *7,900	24.71 80.96
-7.5 m -25.0 ft	kg lb	*11,450 *24,800	*11,450 *24,800	*9800 *21,150	*9800 *21,150	*8500 *18,300	*8500 *18,300	*7400 *16,000	*7400 *16,000	*6550 *14,100	*6550 *14,100	*5800 *12,550	*5800 *12,550	*3600 *7,950	*3600 *7,950	24.11 78.91
-9.0 m -30.0 ft	kg lb	*11,250 *24,250	*11,250 *24,250	*9650 *20,800	*9650 *20,800	*8350 *18,050	*8350 *18,050	*7350 *15,800	*7350 *15,800	*6450 *13,900	*6450 *13,900	*5750 *12,350	*5750 *12,350	*3650 *8,050	*3650 *8,050	23.39 76.48
-10.5 m -35.0 ft	kg lb	*10,900 *23,450	*10,900 *23,450	*9400 *20,200	*9400 *20,200	*8150 *17,550	*8150 *17,550	*7150 *15,350	*7150 *15,350	*6300 *13,500	*6300 *13,500	*5600 *11,950	*5600 *11,950	*3700 *8,100	*3700 *8,100	22.55 73.63
-12.0 m -40.0 ft	kg lb	*10,350 *22,300	*10,350 *22,300	*8950 *19,250	*8950 *19,250	*7800 *16,750	*7800 *16,750	*6850 *14,650	*6850 *14,650	*6050 *12,850	*6050 *12,850	*5300 *11,250	*5300 *11,250	*3650 *8,050	*3650 *8,050	21.57 70.3
-13.5 m -45.0 ft	kg lb	*9700 *20,700	*9700 *20,700	*8400 *17,950	*8400 *17,950	*7350 *15,650	*7350 *15,650	*6400 *13,650	*6400 *13,650	*5600 *11,850	*5600 *11,850	*4850 *10,200	*4850 *10,200	*3650 *7,950	*3650 *7,950	20.43 66.43
-15.0 m -50.0 ft	kg lb	*8750 *18,600	*8750 *18,600	*7600 *16,150	*7600 *16,150	*6650 *14,050	*6650 *14,050	*5750 *12,150	*5750 *12,150	*4950 *10,350	*4950 *10,350	*4200 *8,500	*4200 *8,500	*3550 *7,750	*3550 *7,750	19.1 61.91
-16.5 m -55.0 ft	kg lb	*7550 *15,800	*7550 *15,800	*6550 *13,700	*6550 *13,700	*5700 *11,750	*5700 *11,750	*4850 *9,900	*4850 *9,900	*4000 *7,950	*4000 *7,950			*3350 *7,250	*3350 *7,250	17.55 56.58
-18.0 m -60.0 ft	kg lb	*5900 *12,000	*5900 *12,000	*5100 *10,250	*5100 *10,250	*4300 *8,450	*4300 *8,450	*3450 *6,350	*3450 *6,350					*2950 *6,250	*2950 *6,250	15.69 50.18
-19.5 m -65.0 ft	kg lb	*3700 *6,700	*3700 *6,700	*3000 *5,150	*3000 *5,150									*2200 *4,250	*2200 *4,250	13.41 42.22



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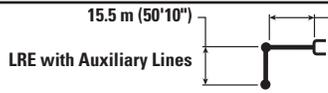


\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

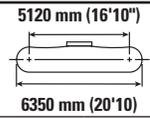
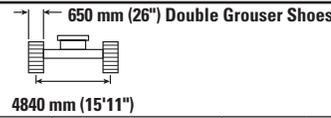
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 395 LRE Hydraulic Excavator Specifications

## LRE Boom Lift Capacities – 21.5 mt (47,600 lb) Counterweight – without Bucket (continued)



11.8 m (38'9'') LRE



LRE Boom Length m / ft	kg / lb	19.5 m (65 ft)		21.0 m (70 ft)		22.5 m (75 ft)		24.0 m (80 ft)		25.5 m (85 ft)		26.0 m (90 ft)		mm / ft/in		
		Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	mm / ft/in
18.0 m 60.0 ft	kg lb			*3900 *7,150	*3900 *7,150									*3150 *7,000	*3150 *7,000	21.59 70.16
16.5 m 55.0 ft	kg lb			*8,350	*8,350	*3150	*3150							*3050 *6,800	*3050 *6,800	22.57 73.51
15.0 m 50.0 ft	kg lb			*8,300	*8,300	*7,950	*7,950							*3000 *6,600	*3000 *6,600	23.41 76.38
13.5 m 45.0 ft	kg lb			*8,300	*8,300	*7,950	*7,950	*3150	*3150					*2950 *6,500	*2950 *6,500	24.12 78.82
12.0 m 40.0 ft	kg lb			*3850 *8,400	*3850 *8,400	*3650 *7,950	*3650 *7,950	*3500 *7,400	*3500 *7,400					*2950 *6,450	*2950 *6,450	24.72 80.88
10.5 m 35.0 ft	kg lb			*3900 *8,500	*3900 *8,500	*3700 *8,000	*3700 *8,000	*3500 *7,600	*3500 *7,600					*2950 *6,450	*2950 *6,450	25.22 82.59
9.0 m 30.0 ft	kg lb	*4300 *9,250	*4300 *9,250	*4000 *8,600	*4000 *8,600	*3750 *8,100	*3750 *8,100	*3550 *7,650	*3550 *7,650	*3150	*3150			*2950 *6,450	*2950 *6,450	25.62 83.95
7.5 m 25.0 ft	kg lb	*4400 *9,450	*4400 *9,450	*4050 *8,800	*4050 *8,800	*3800 *8,250	*3800 *8,250	*3600 *7,750	*3600 *7,750	*3400	*3400			*2950 *6,500	*2950 *6,500	25.93 85.01
6.0 m 20.0 ft	kg lb	*4500 *9,700	*4500 *9,700	*4150 *9,000	*4150 *9,000	*3900 *8,350	*3900 *8,350	*3650 *7,850	*3650 *7,850	*3450	*3450	*3300	*3300	*3000 *6,600	*3000 *6,600	26.15 85.75
4.5 m 15.0 ft	kg lb	*4600 *9,950	*4600 *9,950	*4250 *9,200	*4250 *9,200	*3950 *8,500	*3950 *8,500	*3700 *7,950	*3700 *7,950	*3450	*3450	*3400	*3400	*3100 *6,750	*3100 *6,750	26.28 86.2
3.0 m 10.0 ft	kg lb	*4750 *10,250	*4750 *10,250	*4350 *9,400	*4350 *9,400	*4050 *8,700	*4050 *8,700	*3750 *8,100	*3750 *8,100	*3500	*3500	*3400	*3400	*3150 *6,950	*3150 *6,950	26.32 86.35
1.5 m 5.0 ft	kg lb	*4850 *10,500	*4850 *10,500	*4450 *9,600	*4450 *9,600	*4100 *8,850	*4100 *8,850	*3800 *8,200	*3800 *8,200	*3550	*3550	*3450	*3450	*3300 *7,200	*3300 *7,200	26.27 86.21
0 m 0 ft	kg lb	*5000 *10,750	*5000 *10,750	*4550 *9,800	*4550 *9,800	*4150 *9,000	*4150 *9,000	*3850 *8,300	*3850 *8,300	*3550	*3550	*3450	*3450	*3400 *7,500	*3400 *7,500	26.14 85.77
-1.5 m -5.0 ft	kg lb	*5100 *10,950	*5100 *10,950	*4600 *9,950	*4600 *9,950	*4250 *9,100	*4250 *9,100	*3900 *8,350	*3900 *8,350	*3550	*3550			*3450 *7,600	*3450 *7,600	25.92 85.04
-3.0 m -10.0 ft	kg lb	*5150 *11,150	*5150 *11,150	*4700 *10,100	*4700 *10,100	*4250 *9,150	*4250 *9,150	*3900 *8,350	*3900 *8,350	*3550	*3550			*3500 *7,700	*3500 *7,700	25.62 84
-4.5 m -15.0 ft	kg lb	*5200 *11,250	*5200 *11,250	*4700 *10,150	*4700 *10,150	*4300 *9,200	*4300 *9,200	*3850 *8,300	*3850 *8,300					*3550 *7,800	*3550 *7,800	25.21 82.65
-6.0 m -20.0 ft	kg lb	*5250 *11,250	*5250 *11,250	*4700 *10,100	*4700 *10,100	*4250 *9,100	*4250 *9,100	*3800 *8,100	*3800 *8,100					*3600 *7,900	*3600 *7,900	24.71 80.96
-7.5 m -25.0 ft	kg lb	*5200 *11,200	*5200 *11,200	*4650 *10,000	*4650 *10,000	*4150 *8,850	*4150 *8,850	*3650	*3650					*3600 *7,950	*3600 *7,950	24.11 78.91
-9.0 m -30.0 ft	kg lb	*5100 *10,950	*5100 *10,950	*4550 *9,700	*4550 *9,700	*4000 *8,450	*4000 *8,450							*3650 *8,050	*3650 *8,050	23.39 76.48
-10.5 m -35.0 ft	kg lb	*4950 *10,500	*4950 *10,500	*4350 *9,150	*4350 *9,150	*3700	*3700							*3700 *8,100	*3700 *8,100	22.55 73.63
-12.0 m -40.0 ft	kg lb	*4650 *9,750	*4650 *9,750	*3950 *8,200	*3950 *8,200									*3650 *8,050	*3650 *8,050	21.57 70.3
-13.5 m -45.0 ft	kg lb	*4150 *8,500	*4150 *8,500											*3650 *7,950	*3650 *7,950	20.43 66.43
-15.0 m -50.0 ft	kg lb													*3550 *7,750	*3550 *7,750	19.1 61.91
-16.5 m -55.0 ft	kg lb													*3350 *7,250	*3350 *7,250	17.55 56.58
-18.0 m -60.0 ft	kg lb													*2950 *6,250	*2950 *6,250	15.69 50.18
-19.5 m -65.0 ft	kg lb													*2200 *4,250	*2200 *4,250	13.41 42.22



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.

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

# 395 LRE Hydraulic Excavator Specifications

## Attachments Offering Guide – South America

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

1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)

1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

Match

No Match

### PIN-ON ATTACHMENTS

<b>Counterweight</b>		<b>15.4 mt (34,060 lb)</b>	<b>21.6 mt (47,600 lb)</b>
<b>Boom Type</b>		<b>12.5 m (41'0") LRE</b>	<b>15.5 m (50'10") LRE</b>
<b>Stick Length</b>		<b>9.5 m (31'2") LRE</b>	<b>11.8 m (38'9") LRE</b>
Demolition and Sorting Grapples	G332	✓	
	G345	✓	
	G345 Flat Top	✓	
Mulchers	HM5515	✓	
	HM6015	✓	
Orange Peel Grapples	GSH425-750		●
	GSH425-950		○
	GSH440-950	●	
	GSH440-1150	●	
	GSH440-1550	○	
	GSH525-750		○
Clamshell Grapples	CTV20-1500 BOCE	○	

### CAT PIN GRABBER COUPLER ATTACHMENTS

<b>Counterweight</b>		<b>15.4 mt (34,060 lb)</b>
<b>Boom Type</b>		<b>12.5 m (41'0") LRE</b>
<b>Stick Length</b>		<b>9.5 m (31'2") LRE</b>
Demolition and Sorting Grapples	G332	✓
	G345	✓
Mulchers	HM5515	✓
	HM6015	✓

### CW-45 DEDICATED COUPLER ATTACHMENTS

<b>Counterweight</b>		<b>15.4 mt (34,060 lb)</b>
<b>Boom Type</b>		<b>12.5 m (41'0") LRE</b>
<b>Stick Length</b>		<b>9.5 m (31'2") LRE</b>
Demolition and Sorting Grapples	G332	✓
	G345	✓

### S80 DEDICATED COUPLER ATTACHMENTS

<b>Counterweight</b>		<b>15.4 mt (34,060 lb)</b>
<b>Boom Type</b>		<b>12.5 m (41'0") LRE</b>
<b>Stick Length</b>		<b>9.5 m (31'2") LRE</b>
Demolition and Sorting Grapples	G332	✓

### HCS80 DEDICATED COUPLER ATTACHMENTS

<b>Counterweight</b>		<b>15.4 mt (34,060 lb)</b>
<b>Boom Type</b>		<b>12.5 m (41'0") LRE</b>
<b>Stick Length</b>		<b>9.5 m (31'2") LRE</b>
Demolition and Sorting Grapples	G332	✓

# 395 LRE Hydraulic Excavator Specifications

## Attachments Offering Guide – Eurasia, Africa, and Middle East

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

1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)

1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)

Match

No Match

### PIN-ON ATTACHMENTS

Counterweight		15.4 mt (34,060 lb)	21.6 mt (47,600 lb)
Boom Type		12.5 m (41'0") LRE	15.5 m (50'10") LRE
Stick Length		9.5 m (31'2") LRE	11.8 m (38'9") LRE
Demolition and Sorting Grapples	G332	✓	
	G345	✓	
	G345 Flat Top	✓	
Orange Peel Grapples	GSH425-750		●
	GSH425-950		○
	GSH440-950	●	
	GSH440-1150	●	
	GSH440-1550	○	
	GSH525-750		○
	GSV425-600		●
	GSV425-750		●
	GSV425-950		○
	GSV425-1150		○
	GSV525-600		●
	GSV525-750		○
	GSV525-950		○
Clamshell Grapples	CTV15-1000		○
	CTV15-1200		○
	CTV20-1300	●	
	CTV20-1500	●	
	CTV20-1700	○	
	CTV20-1900	○	

### CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		15.4 mt (34,060 lb)
Boom Type		12.5 m (41'0") LRE
Stick Length		9.5 m (31'2") LRE
Demolition and Sorting Grapples	G332	✓
	G345	✓

### CW-45 DEDICATED COUPLER ATTACHMENTS

Counterweight		15.4 mt (34,060 lb)
Boom Type		12.5 m (41'0") LRE
Stick Length		9.5 m (31'2") LRE
Demolition and Sorting Grapples	G332	✓
	G345	✓

# 395 LRE Standard and Optional Equipment

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>BOOMS, STICKS AND LINKAGES</b>			<b>ELECTRICAL SYSTEM</b>		
12.5 m (41'0") LRE boom		✓	Maintenance-free 1,400 CCA batteries (×2)	✓	
15.5 m (50'10") LRE boom		✓	Centralized electrical disconnect switch	✓	
9.5 m (31'2") LRE stick		✓	Chassis light	✓	
11.8 m (38'9") LRE stick		✓	LED boom and cab lights		✓
CB2 linkage without lifting eye	✓		1,800 lumen LED premium surround lights		✓
Submarine linkage and sticks sensors protection	✓		<b>ENGINE</b>		
<b>CAT® TECHNOLOGY</b>			Cold start block heater		✓
Cat Equipment Management:			Three selectable modes: Power, Smart, Eco	✓	
– VisionLink™	✓ <sup>1</sup>		Automatic engine speed control	✓	
– Remote Flash	✓		Up to 4500 m (14,760 ft) altitude capability	✓	
– Remote Troubleshoot	✓		52° C (126° F) high-ambient cooling capacity	✓	
– Work tool recognition and tracking (PL161)	✓		–18° C (–0.4° F) cold start capability	✓	
– Operator Coaching		✓ <sup>2</sup>	–32° C (–25° F) cold start capability		✓
Cat Grade:			Hydraulic reverse fan	✓	
– Cat Grade with 2D	✓		Double element air filter with integrated pre-cleaner	✓	
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓	Three vertical side-by-side cooling system	✓	
– Laser catcher		✓	Remote disable	✓	
– Cat Grade Connectivity		✓ <sup>2</sup>	95 Amp alternator	✓	
Cat Assist:			<b>HYDRAULIC SYSTEM</b>		
– Lift Assist	✓		SmartBoom		✓
Cat Payload:			Boom and stick regeneration circuit	✓	
– On-the-go weighing	✓		Electronic main control valve	✓	
– Semiautomatic calibration	✓		Dedicated closed loop swing circuit	✓	
– Payload/cycle information	✓		Automatic hydraulic oil warmup	✓	
– VisionLink back office reporting		✓ <sup>2</sup>	Automatic swing parking brake	✓	
Cat Advanced Payload:			Anti-reaction valve	✓	
– Daily totals		✓	High performance hydraulic return filter	✓	
– Custom lists		✓	Two speed travel	✓	
– Smart weight target		✓	Bio hydraulic oil capability	✓	
– E-ticket Integration		✓ <sup>2</sup>	Lift Assist	✓	
Other:			Advanced tool control		✓
Cat Tiltrotator (TRS) integration		✓	Medium-pressure auxiliary circuit		✓
			Quick coupler circuit		✓
			Hydraulic efficiency monitoring		✓

<sup>1</sup>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.

<sup>2</sup>VisionLink subscription required. Consult your Cat dealer for details.

(continued on next page)

# 395 LRE Standard and Optional Equipment

## Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
<b>SAFETY AND SECURITY</b>			<b>SERVICE AND MAINTENANCE</b>		
Caterpillar One Key security system	✓		Integrated vehicle health management system	✓	
2D E-Fence:	✓		Auto lube ready	✓	
– E-ceiling			Reversing cooling fan	✓	
– E-floor			Grouped location for engine oil and fuel filters	✓	
– E-swing			Fast-fill fuel system		✓
– E-wall			S·O·S <sup>SM</sup> ports	✓	
– E-cab avoidance			QuickEvac <sup>TM</sup> maintenance ready		✓
Lockable external tool/storage box	✓		Electric refueling pump with auto shutoff		✓
Lockable door, fuel, and hydraulic tank locks	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
Lockable fuel drain compartment	✓		Long undercarriage	✓	
Lockable disconnect switch	✓		650 mm (26") double grouser track shoes		✓
Service platforms with anti-skid plate	✓		750 mm (30") double grouser track shoes		✓
Full handrail mount on platform	✓		900 mm (35") double grouser track shoes		✓
Mirror package	✓		Grease lubricated track	✓	
Signaling/warning horn	✓		Three-piece segmented track guiding guards		✓
Travel alarm	✓		Two-piece full-length track guiding guards		✓
Swing alarm		✓	Swivel guard	✓	
Ground-level secondary engine shutoff switch	✓		HD bottom guard	✓	
Rear and right-hand-sideview cameras	✓		HD travel motor guard	✓	
360° visibility		✓	15.4 mt (34,060 lb) counterweight		✓
Boom lowering check valve		✓	21.6 mt (47,600 lb) counterweight		✓
Stick lowering check valve		✓	Towing eye on base frame	✓	
Walkway	✓		LRE track extension frame	✓	
Tilt-up walkway		✓			
Inspection lighting		✓			
Cat Command (remote control)		✓			

## Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- Radial lower wiper (for deluxe cab only)
- Parallel wiper kit (for deluxe cab only)
- Joystick with horizontal sliders
- Left Hand (LH)/Right Hand (RH) electrical pedal for tool control
- Dual exit rear window kit
- Front windshield laminated glass (P5A glass, EU demolition regulation)

### SAFETY AND SECURITY

- Bluetooth® key fob
- 76 mm (3") retractable seat belt
- Cat Detect – People Detection
- Cat Command – Remote control kit

### GUARDS

- OPG (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
- Rain protector for front windshield plus cab light cover

### OTHER ATTACHMENTS

- Global Navigation Satellite System (GNSS) antennae
- Submarine kit

# 395 LRE Cab Options

## Cab Options

	Deluxe	Premium
Sound suppressed cab with viscous mounts	●	●
Operator Protective Guards (OPG)	○	○
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
Additional high-resolution LCD touchscreen monitor for Cat Grade 2D and 3D	○	○
Automatic 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	●	●
Tilt-up left-side console	●	●
Cat Stick Steer	○	○
Auxiliary relay	○	○
Heated seat with air-adjustable suspension	●	X
Heated and cooled seat with automatic adjustable suspension	X	●
51 mm (2") orange seat belt	●	●
Bluetooth integrated radio (including USB, auxiliary port and microphone)	●	●
2 × 12V DC outlets	●	●
Cup holder and storage compartments	●	●
Fixed one-piece windshield	X	○
Openable two-piece front window	●	○
Upper radial wiper with washer	●	X
Parallel wiper with washer	X	●
Openable polycarbonate skylight hatch	●	○
Fixed glass laminated skylight	X	○
LED dome light	●	●
Floor welcome light	●	●
Roller front sunscreen	●	●
Roller rear sunscreen	○	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●

- Standard
- Optional
- X Not available



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

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

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