



340

Long Reach Hydraulic Excavator

Not all configurations shown available in all regions. Consult your Cat® dealer for details.

Technical Specifications

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340 Long Reach Hydraulic Excavator Specifications

Engine

| | | |
|--------------------------|------------|---------------------|
| Engine Model | Cat® C9.3B | |
| Net Power – ISO 9249 | 232 kW | 311 hp |
| Engine Power – ISO 14396 | 234 kW | 314 hp |
| Bore | 115 mm | 5 in |
| Stroke | 149 mm | 6 in |
| Displacement | 9.3 L | 568 in ³ |

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 3300 m (10,830 ft) altitude with engine power derate above 2300 m (7,550 ft).
- ISO 9249 is net power available at the flywheel when the engine is equipped with fan, air cleaner, aftertreatment, and alternator with engine speed at 1,800 rpm.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- All Cat nonroad U.S. EPA Tier 4 Final, EU Stage V, Japan 2014, Korea Tier 5, India CEV Stage V, and China Nonroad Stage IV diesel engines are required to use ULSD (ultra-low sulfur diesel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (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.

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

Swing Mechanism

| | | |
|--------------|----------|----------------|
| Swing Speed | 8.75 rpm | |
| Swing Torque | 144 kN·m | 106,228 lbf·ft |

Weights

| | | |
|------------------|-----------|-----------|
| Operating Weight | 43 900 kg | 96,700 lb |
|------------------|-----------|-----------|

- Heavy Duty High Wide undercarriage, LRE boom, LRE7.1B1 (23'4") stick, GD 0.93 m³ (1.22 yd³) bucket, 850 mm (33") triple grouser shoes, and 10.35 mt (22,800 lb) counterweight.

Track

| | | |
|---------------------------------------|--------|-------|
| Optional Track Shoes Width | 850 mm | 33 in |
| Optional Track Shoes Width | 600 mm | 24 in |
| Optional Track Shoes Width | 700 mm | 28 in |
| Number of Shoes (each side) | 49 | |
| Number of Track Rollers (each side) | 8 | |
| Number of Carrier Rollers (each side) | 2 | |

Drive

| | | |
|----------------------|----------|------------|
| Maximum Gradeability | 35°/70% | |
| Maximum Travel Speed | 4.7 km/h | 2.9 mph |
| Maximum Drawbar Pull | 295 kN | 66,206 lbf |

Hydraulic System

| | | |
|------------------------------------------|---------------------------------|----------------------------------|
| Main System – Maximum Flow – Implement | 558 L/min (279 × 2 pumps) | 147 gal/min (74 × 2 pumps) |
| Maximum Pressure – Equipment – Implement | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Equipment – Lift Mode | 38 000 kPa | 5,511 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Swing | 29 400 kPa | 4,264 psi |
| Boom Cylinder – Bore | 150 mm | 6 in |
| Boom Cylinder – Stroke | 1440 mm | 57 in |
| Stick Cylinder – Bore | 170 mm | 7 in |
| Stick Cylinder – Stroke | 1738 mm | 68 in |
| B1 Bucket Cylinder – Bore | 120 mm | 5 in |
| B1 Bucket Cylinder – Stroke | 1104 mm | 43 in |

Service Refill Capacities

| | | |
|-----------------------------------------|-------|-----------|
| Fuel Tank Capacity | 600 L | 158.5 gal |
| Cooling System | 40 L | 10.5 gal |
| Engine Oil (with filter) | 32 L | 8.5 gal |
| Swing Drive | 18 L | 4.8 gal |
| Final Drive (each) | 8 L | 2.1 gal |
| Hydraulic System (including tank) | 373 L | 98.5 gal |
| Hydraulic Tank (including suction pipe) | 161 L | 42.5 gal |
| Diesel Exhaust Fluid (DEF) Tank | 80 L | 21.1 gal |

Standards

| | |
|------------------------------------------|------------------|
| Brakes | ISO 10265:2008 |
| Cab/Falling Object Guard System (FOGS) | ISO 10262:1998 |
| Cab/Rollover Protective Structure (ROPS) | ISO 12117-2:2008 |

Sound Performance

| | |
|----------------------------|-----------|
| ISO 6395:2008 (external) | 105 dB(A) |
| ISO 6396:2008 (inside cab) | 73 dB(A) |

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

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.00 kg of refrigerant, which has a CO₂ equivalent of 1.430 metric tonne.

340 Long Reach Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 600 mm (24") HD Triple Grouser Shoes | | 700 mm (28") Triple Grouser Shoes | | 850 mm (33") Triple Grouser Shoes | |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------|--------------------------------------|-----------------|--------------------------------------|-----------------|
| | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure |
| | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) |
| Base Frame with Track Rollers and Carrier Rollers | | | | | | |
| 10.35 mt (22,800 lb) Counterweight + Heavy Duty High Wide Undercarriage Base Machine | | | | | | |
| Long Reach Boom + LRE7.1 m B1 (23'4") Stick + 0.93 m ³ (1.22 yd ³) GD Bucket | 43 300 (95,500) | 80.7 (11.7) | 43 000 (94,800) | 68.7 (10.0) | 43 900 (96,700) | 57.7 (8.4) |

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

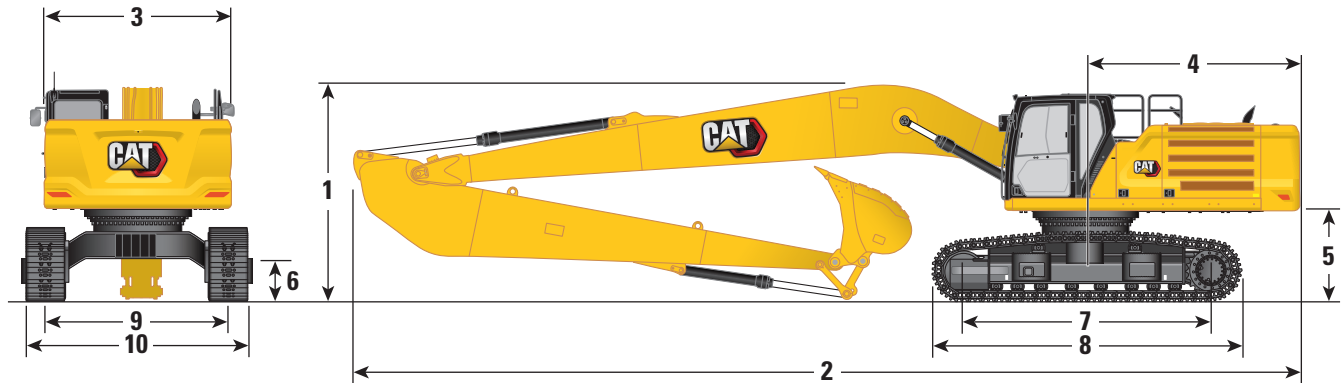
Major Component Weights

| | kg | lb |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| Base machine with 10.35 mt (22,800 lb) counterweight, HD swing frame, two boom cylinders, and SD track rollers and carrier rollers for Heavy Duty High Wide undercarriage and carrier rollers for Long Narrow undercarriage | 30 280 | 66,760 |
| Track Shoes: | | |
| 600 mm (24") Width, 15.5 mm (0.61") Thick, HD Triple Grouser Track Shoes | 4750 | 10,470 |
| 700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes | 4450 | 9,800 |
| 850 mm (33") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes | 5300 | 11,690 |
| Two Boom Cylinders | 710 | 1,570 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 550 | 1,210 |
| Counterweight: | | |
| 10.35 mt (22,800 lb) Counterweight | 10 350 | 22,820 |
| Swing Frame: | | |
| HD Swing Frame | 3260 | 7,180 |
| HD High Wide Undercarriage: | | |
| Base Frame with SD Track Rollers and HD Carrier Rollers | 10 280 | 22,660 |
| Boom (including lines, pins, stick cylinder): | | |
| LRE Boom 10.6 m (34'9") | 4480 | 9,880 |
| Stick (including lines, pins, bucket cylinder, bucket linkage): | | |
| LRE Stick LRE7.1B1 (23'4") | 2500 | 5,510 |
| Bucket (without linkage): | | |
| 0.93 m ³ (1.22 yd ³) SD | 750 | 1,650 |

340 Long Reach Hydraulic Excavator Specifications

Dimensions

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



Boom Option

**LRE Boom
10.6 m (34'9")**

Stick Option

**LRE Stick
LRE7.1B1 (23'4")**

1 Machine Height:

| | | |
|---------------------------------------------------------|---------|--------|
| Cab Height | 3400 mm | 11'2" |
| FOGS Height | 3540 mm | 11'7" |
| Handrails Height | 3390 mm | 11'1" |
| With Boom/Stick/Bucket Installed (with auxiliary lines) | 3670 mm | 12'0" |
| With Boom/Stick Installed (with auxiliary lines) | 3670 mm | 12'0" |
| With Boom Installed (with auxiliary lines) | 3340 mm | 10'11" |

2 Machine Length:

| | | |
|---------------------------------------------------------|-----------|-------|
| With Boom/Stick/Bucket Installed (with auxiliary lines) | 15 310 mm | 50'3" |
| With Boom/Stick Installed (with auxiliary lines) | 15 310 mm | 50'3" |
| With Boom Installed (with auxiliary lines) | 14 180 mm | 46'6" |

3 Upperframe Width without Walkways

2970 mm 9'9"

4 Tail Swing Radius

3530 mm 11'7"

5 Counterweight Clearance

1470 mm 4'10"

6 Ground Clearance

720 mm 2'4"

7 Length to Center of Rollers

4040 mm 13'3"

8 Track Length

5030 mm 16'6"

9 Track Gauge

2930 mm 9'7"

10 Track Width:

| | | |
|--------------------|---------|--------|
| 600 mm (24") Shoes | 3530 mm | 11'7" |
| 700 mm (28") Shoes | 3630 mm | 11'11" |
| 850 mm (33") Shoes | 3780 mm | 12'5" |

Undercarriage Width (with steps):

| | | |
|--------------------|---------|-------|
| 600 mm (24") Shoes | 3670 mm | 12'0" |
| 700 mm (28") Shoes | 3670 mm | 12'0" |
| 850 mm (33") Shoes | 3780 mm | 12'5" |

Bucket Type

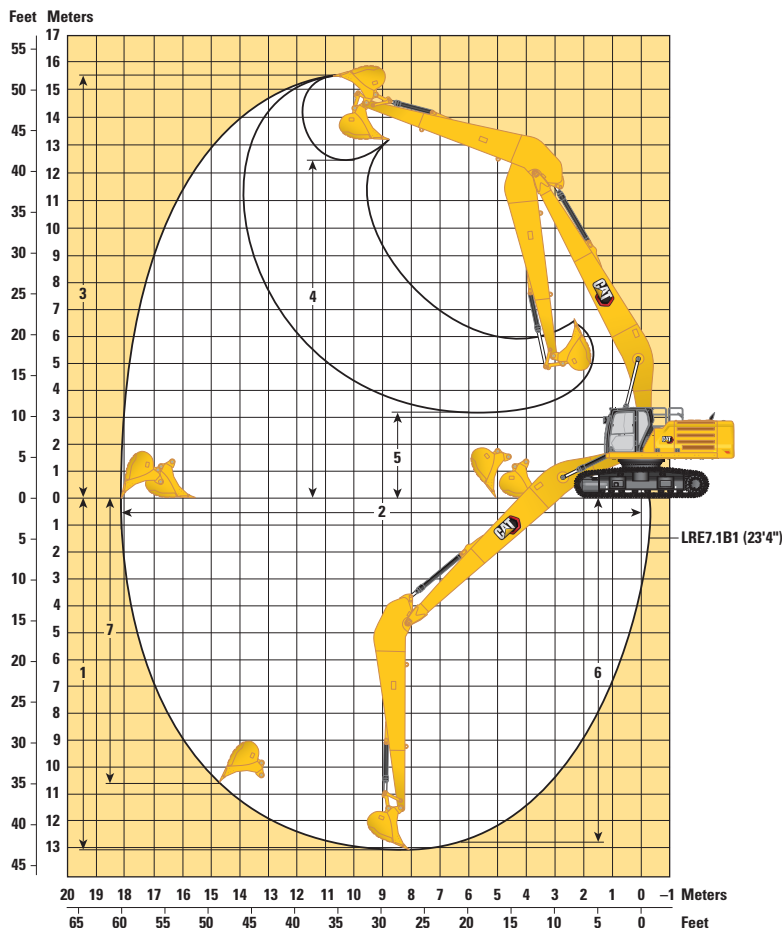
GD

| | | |
|-------------------|---------------------|----------------------|
| Bucket Capacity | 0.93 m ³ | 1.22 yd ³ |
| Bucket Tip Radius | 1580 mm | 5.2 ft |

340 Long Reach Hydraulic Excavator Specifications

Working Ranges and Forces

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



Boom Option

LRE Boom
10.6 m (34'9")

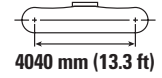
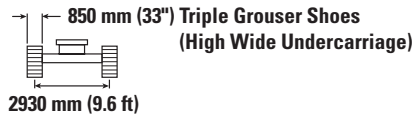
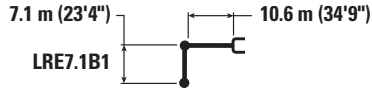
Stick Option














LRE Stick
LRE7.1B1 (23'4")

| | | |
|------------------------------------------------------------|---------------------|----------------------|
| 1 Maximum Digging Depth | 13 050 mm | 42'10" |
| 2 Maximum Reach at Ground Line | 18 080 mm | 59'4" |
| 3 Maximum Cutting Height | 15 620 mm | 51'3" |
| 4 Maximum Loading Height | 12 770 mm | 41'11" |
| 5 Minimum Loading Height | 3210 mm | 10'6" |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 12 960 mm | 42'6" |
| 7 Maximum Vertical Wall Digging Depth | 10 660 mm | 35'0" |
| Bucket Digging Force (ISO) | 141 kN | 31,590 lbf |
| Stick Digging Force (ISO) | 92 kN | 20,750 lbf |
| Bucket Type | GD | |
| Bucket Capacity | 0.93 m ³ | 1.22 yd ³ |
| Bucket Tip Radius | 1580 mm | 5.2 ft |

340 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 10.35 mt (22,800 lb) – without Bucket, Heavy Lift: On



| | | 1.5 m/5.0 ft | | 3.0 m/10.0 ft | | 4.5 m/15.0 ft | | 6.0 m/20.0 ft | | 7.5 m/25.0 ft | | 9.0 m/30.0 ft | |  m ft | | | |
|---------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------|----------------|----------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | | | | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | | | *2750 *6,100 | *2750 *6,100 | 12.26 40.00 | |
| 12.0 m 40.0 ft | kg lb | | | | | | | | | | | | | *2650 *5,850 | *2650 *5,850 | 13.50 44.17 | |
| 10.5 m 35.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,750 | *2600 *5,750 | 14.47 47.50 | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,700 | *2600 *5,700 | 15.23 50.00 | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,750 | *2600 *5,750 | 15.81 51.67 | |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *5350 *11,600 | *5350 *11,600 | *2700 *5,850 | *2700 *5,850 | 16.23 53.33 | |
| 4.5 m 15.0 ft | kg lb | | | | | *12 100 *25,900 | *12 100 *25,900 | *8750 *18,850 | *8750 *18,850 | *7000 *15,050 | *7000 *15,050 | *5850 *12,650 | *5850 *12,650 | *2750 *6,050 | 2750 6,000 | 16.50 54.17 | |
| 3.0 m 10.0 ft | kg lb | | | | | *7700 *18,600 | *7700 *18,600 | *10 050 *21,650 | *10 050 *21,650 | *7750 *16,700 | *7750 *16,700 | *6350 *13,750 | *6350 *13,750 | *2900 *6,300 | 2600 5,750 | 16.64 55.00 | |
| 1.5 m 5.0 ft | kg lb | | | | | *5200 *12,050 | *5200 *12,050 | *11 000 *23,750 | *11 000 *23,750 | *8400 *18,100 | *8400 *18,100 | *6800 *14,700 | 6600 14,250 | *3050 *6,700 | 2550 5,600 | 16.63 55.00 | |
| 0 m 0 ft | kg lb | | | | | *5400 *12,300 | *5400 *12,300 | *10 800 *24,850 | *10 800 *24,850 | 10 450 22,550 | 8850 19,100 | 7850 16,900 | *7150 *15,400 | 6200 13,350 | *3250 *7,200 | 2500 5,500 | 16.49 54.17 |
| -1.5 m -5.0 ft | kg lb | | | *4400 *9,750 | *4400 *9,750 | *6400 *14,400 | *6400 *14,400 | *10 550 *24,150 | 10 100 21,700 | *9050 *19,500 | 7500 16,100 | *7350 *15,850 | 5900 12,700 | *3550 *7,850 | 2550 5,550 | 16.21 53.33 | |
| -3.0 m -10.0 ft | kg lb | *11,700 | *11,700 | *5850 *13,100 | *5850 *13,100 | *7700 *17,300 | *7700 *17,300 | *11 350 *24,550 | 9950 21,400 | *9000 *19,450 | 7300 15,700 | *7350 *15,900 | 5700 12,300 | *3700 *8,200 | 2600 5,750 | 15.78 51.67 | |
| -4.5 m -15.0 ft | kg lb | *6550 *14,600 | *6550 *14,600 | *7350 *16,450 | *7350 *16,450 | *9200 *20,700 | *9200 *20,700 | *10 850 *23,550 | 9950 21,400 | *8750 *18,950 | 7200 15,550 | *7250 *15,600 | 5600 12,100 | *3750 *8,250 | 2750 6,050 | 15.19 50.00 | |
| -6.0 m -20.0 ft | kg lb | | | *8950 *20,000 | *8950 *20,000 | *10 950 *24,650 | *10 950 *24,650 | *10 150 *21,950 | 10 050 21,650 | *8300 *17,900 | 7250 15,600 | *6900 *14,900 | 5600 12,100 | *3800 *8,350 | 3000 6,600 | 14.42 47.50 | |
| -7.5 m -25.0 ft | kg lb | | | *10 650 *23,900 | *10 650 *23,900 | *11 300 *24,350 | *11 300 *24,350 | *9200 *19,750 | *9200 *19,750 | *7600 *16,350 | 7400 15,900 | *6400 *13,700 | 5700 12,300 | *3800 *8,300 | 3350 7,450 | 13.43 44.17 | |
| -9.0 m -30.0 ft | kg lb | | | | | *9450 *20,200 | *9450 *20,200 | *7850 *16,800 | *7850 *16,800 | *6600 *14,100 | *6600 *14,100 | *5600 *11,850 | *5600 *11,850 | *3700 *8,100 | *3700 *8,100 | 12.19 40.00 | |
| -10.5 m -35.0 ft | kg lb | | | | | | | *6100 *12,850 | *6100 *12,850 | *5250 *10,950 | *5250 *10,950 | *4400 *9,050 | *4400 *9,050 | *3450 *7,450 | *3450 *7,450 | 10.58 34.17 | |



ISO 10567



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

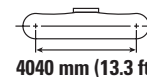
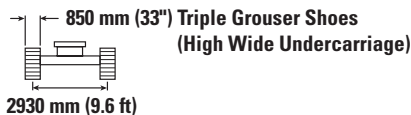
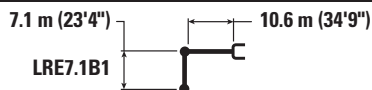
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

340 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 10.35 mt (22,800 lb) – without Bucket, Heavy Lift: On (continued)



| | | 10.5 m/35.0 ft | | 12.0 m/40.0 ft | | 13.5 m/45.0 ft | | 15.0 m/50.0 ft | | 16.5 m/55.0 ft | | m ft | | |
|---------------------|----------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|----------------|------|-----------------|-----------------|----------------|
| | | | | | | | | | | | | | | |
| 13.5 m 45.0 ft | kg lb | | | *3100 | *3100 | | | | | | | *2750 *6,100 | *2750 *6,100 | 12.26 40.00 |
| 12.0 m 40.0 ft | kg lb | | | *3850 *8,400 | *3850 *8,400 | | | | | | | *2650 *5,850 | *2650 *5,850 | 13.50 44.17 |
| 10.5 m 35.0 ft | kg lb | | | *3850 *8,450 | *3850 *8,450 | *3700 *7,600 | *3700 *7,600 | | | | | *2600 *5,750 | *2600 *5,750 | 14.47 47.50 |
| 9.0 m 30.0 ft | kg lb | | | *3950 *8,600 | *3950 *8,600 | *3750 *8,150 | *3750 *8,150 | *2950 | *2950 | | | *2600 *5,700 | *2600 *5,700 | 15.23 50.00 |
| 7.5 m 25.0 ft | kg lb | *4450 *9,650 | *4450 *9,650 | *4100 *8,950 | *4100 *8,950 | *3850 *8,350 | *3850 *8,350 | *3650 *7,600 | 3500 7,500 | | | *2600 *5,750 | *2600 *5,750 | 15.81 51.67 |
| 6.0 m 20.0 ft | kg lb | *4750 *10,300 | *4750 *10,300 | *4300 *9,350 | *4300 *9,350 | *3950 *8,600 | *3950 *8,600 | *3700 *8,050 | 3450 7,300 | | | *2700 *5,850 | *2700 *5,850 | 16.23 53.33 |
| 4.5 m 15.0 ft | kg lb | *5100 *11,000 | *5100 *11,000 | *4550 *9,850 | *4550 *9,850 | *4150 *8,950 | 4000 8,600 | *3800 *8,250 | 3300 7,050 | | | *2750 *6,050 | 2750 6,000 | 16.50 54.17 |
| 3.0 m 10.0 ft | kg lb | *5450 *11,750 | *5450 *11,750 | *4800 *10,350 | 4650 9,950 | *4300 *9,250 | 3850 8,200 | *3900 *8,450 | 3200 6,800 | *3200 | 2650 | *2900 *6,300 | 2600 5,750 | 16.64 55.00 |
| 1.5 m 5.0 ft | kg lb | *5750 *12,400 | 5350 11,500 | *5000 *10,800 | 4400 9,400 | *4450 *9,600 | 3650 7,800 | *4000 *8,650 | 3050 6,550 | *3400 | 2600 | *3050 *6,700 | 2550 5,600 | 16.63 55.00 |
| 0 m 0 ft | kg lb | *6000 *12,950 | 5050 10,850 | *5150 *11,150 | 4150 8,950 | *4550 *9,800 | 3500 7,500 | *4050 *8,750 | 2950 6,300 | | | *3250 *7,200 | 2500 5,500 | 16.49 54.17 |
| -1.5 m -5.0 ft | kg lb | *6150 *13,250 | 4800 10,350 | *5250 *11,400 | 4000 8,550 | *4600 *9,950 | 3350 7,200 | *4050 *8,750 | 2850 6,150 | | | *3550 *7,850 | 2550 5,550 | 16.21 53.33 |
| -3.0 m -10.0 ft | kg lb | *6200 *13,350 | 4650 10,000 | *5300 *11,400 | 3850 8,300 | *4600 *9,900 | 3300 7,050 | *4000 *8,600 | 2800 6,050 | | | *3700 *8,200 | 2600 5,750 | 15.78 51.67 |
| -4.5 m -15.0 ft | kg lb | *6100 *13,150 | 4550 9,800 | *5200 *11,200 | 3800 8,200 | *4500 *9,650 | 3250 6,950 | *3850 | 2800 | | | *3750 *8,250 | 2750 6,050 | 15.19 50.00 |
| -6.0 m -20.0 ft | kg lb | *5850 *12,550 | 4550 9,800 | *4950 *10,650 | 3800 8,200 | *4250 *9,000 | 3250 7,000 | | | | | *3800 *8,350 | 3000 6,600 | 14.42 47.50 |
| -7.5 m -25.0 ft | kg lb | *5400 *11,550 | 4600 9,950 | *4550 *9,650 | 3850 8,350 | | | | | | | *3800 *8,300 | 3350 7,450 | 13.43 44.17 |
| -9.0 m -30.0 ft | kg lb | *4700 *9,850 | *4700 *9,850 | *3800 | *3800 | | | | | | | *3700 *8,100 | *3700 *8,100 | 12.19 40.00 |
| -10.5 m -35.0 ft | kg lb | *3500 | *3500 | | | | | | | | | *3450 *7,450 | *3450 *7,450 | 10.58 34.17 |



ISO 10567



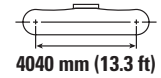
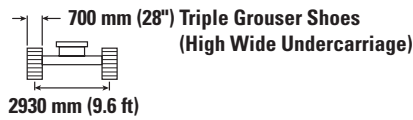
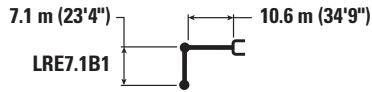
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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














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

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

340 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 10.35 mt (22,800 lb) – without Bucket, Heavy Lift: On



| | | 1.5 m/5.0 ft | | 3.0 m/10.0 ft | | 4.5 m/15.0 ft | | 6.0 m/20.0 ft | | 7.5 m/25.0 ft | | 9.0 m/30.0 ft | |  m ft | | |
|---------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------|----------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | | | *2750 *6,100 | *2750 *6,100 | 12.26 40.00 |
| 12.0 m 40.0 ft | kg lb | | | | | | | | | | | | | *2650 *5,850 | *2650 *5,850 | 13.50 44.17 |
| 10.5 m 35.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,750 | *2600 *5,750 | 14.47 47.50 |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,700 | *2600 *5,700 | 15.23 50.00 |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,750 | *2600 *5,750 | 15.81 51.67 |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *5350 *11,600 | *5350 *11,600 | *2700 *5,850 | *2700 *5,850 | 16.23 53.33 |
| 4.5 m 15.0 ft | kg lb | | | | | *12 100 *25,900 | *12 100 *25,900 | *8750 *18,850 | *8750 *18,850 | *7000 *15,050 | *7000 *15,050 | *5850 *12,650 | *5850 *12,650 | *2750 *6,050 | 2700 5,900 | 16.50 54.17 |
| 3.0 m 10.0 ft | kg lb | | | | | *7700 *18,600 | *7700 *18,600 | *10 050 *21,650 | *10 050 *21,650 | *7750 *16,700 | *7750 *16,700 | *6350 *13,750 | *6350 *13,750 | *2900 *6,300 | 2550 5,600 | 16.64 55.00 |
| 1.5 m 5.0 ft | kg lb | | | | | *5200 *12,050 | *5200 *12,050 | *11 000 *23,750 | 11 000 *23,750 | *8400 *18,100 | 8250 17,850 | *6800 *14,700 | 6500 14,000 | *3050 *6,700 | 2500 5,450 | 16.63 55.00 |
| 0 m 0 ft | kg lb | | | | | *5400 *12,300 | *5400 *12,300 | *10 800 *24,850 | 10 250 22,100 | *8850 *19,100 | 7700 16,600 | *7150 *15,400 | 6100 13,100 | *3250 *7,200 | 2450 5,400 | 16.49 54.17 |
| -1.5 m -5.0 ft | kg lb | | | *4400 *9,750 | *4400 *9,750 | *6400 *14,400 | *6400 *14,400 | *10 550 *24,150 | 9900 21,300 | *9050 *19,500 | 7350 15,800 | *7350 *15,850 | 5800 12,450 | *3550 *7,850 | 2500 5,450 | 16.21 53.33 |
| -3.0 m -10.0 ft | kg lb | *11,700 | *11,700 | *5850 *13,100 | *5850 *13,100 | *7700 *17,300 | *7700 *17,300 | *11 350 *24,550 | 9750 20,950 | *9000 *19,450 | 7150 15,350 | *7350 *15,900 | 5600 12,050 | *3700 *8,200 | 2550 5,600 | 15.78 51.67 |
| -4.5 m -15.0 ft | kg lb | *6550 *14,600 | *6550 *14,600 | *7350 *16,450 | *7350 *16,450 | *9200 *20,700 | *9200 *20,700 | *10 850 *23,550 | 9750 20,950 | *8750 *18,950 | 7050 15,200 | *7250 *15,600 | 5500 11,850 | *3750 *8,250 | 2700 5,900 | 15.19 50.00 |
| -6.0 m -20.0 ft | kg lb | | | *8950 *20,000 | *8950 *20,000 | *10 950 *24,650 | *10 950 *24,650 | *10 150 *21,950 | 9850 21,200 | *8300 *17,900 | 7100 15,300 | *6900 *14,900 | 5500 11,850 | *3800 *8,350 | 2900 6,450 | 14.42 47.50 |
| -7.5 m -25.0 ft | kg lb | | | *10 650 *23,900 | *10 650 *23,900 | *11 300 *24,350 | *11 300 *24,350 | *9200 *19,750 | *9200 *19,750 | *7600 *16,350 | 7250 15,600 | *6400 *13,700 | 5600 12,050 | *3800 *8,300 | 3300 7,300 | 13.43 44.17 |
| -9.0 m -30.0 ft | kg lb | | | | | *9450 *20,200 | *9450 *20,200 | *7850 *16,800 | *7850 *16,800 | *6600 *14,100 | *6600 *14,100 | *5600 *11,850 | *5600 *11,850 | *3700 *8,100 | *3700 *8,100 | 12.19 40.00 |
| -10.5 m -35.0 ft | kg lb | | | | | | | *6100 *12,850 | *6100 *12,850 | *5250 *10,950 | *5250 *10,950 | *4400 *9,050 | *4400 *9,050 | *3450 *7,450 | *3450 *7,450 | 10.58 34.17 |



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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.

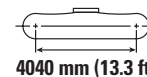
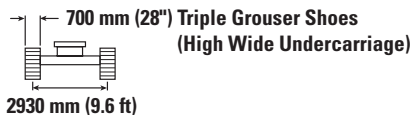
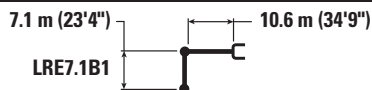
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

340 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 10.35 mt (22,800 lb) – without Bucket, Heavy Lift: On (continued)



| | | 10.5 m/35.0 ft | | 12.0 m/40.0 ft | | 13.5 m/45.0 ft | | 15.0 m/50.0 ft | | 16.5 m/55.0 ft | | m ft | | |
|---------------------|----------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|----------------|------|-----------------|-----------------|----------------|
| | | | | | | | | | | | | | | |
| 13.5 m 45.0 ft | kg lb | | | *3100 | *3100 | | | | | | | *2750 *6,100 | *2750 *6,100 | 12.26 40.00 |
| 12.0 m 40.0 ft | kg lb | | | *3850 *8,400 | *3850 *8,400 | | | | | | | *2650 *5,850 | *2650 *5,850 | 13.50 44.17 |
| 10.5 m 35.0 ft | kg lb | | | *3850 *8,450 | *3850 *8,450 | *3700 *7,600 | *3700 *7,600 | | | | | *2600 *5,750 | *2600 *5,750 | 14.47 47.50 |
| 9.0 m 30.0 ft | kg lb | | | *3950 *8,600 | *3950 *8,600 | *3750 *8,150 | *3750 *8,150 | *2950 | *2950 | | | *2600 *5,700 | *2600 *5,700 | 15.23 50.00 |
| 7.5 m 25.0 ft | kg lb | *4450 *9,650 | *4450 *9,650 | *4100 *8,950 | *4100 *8,950 | *3850 *8,350 | *3850 *8,350 | *3650 *7,600 | 3450 7,350 | | | *2600 *5,750 | *2600 *5,750 | 15.81 51.67 |
| 6.0 m 20.0 ft | kg lb | *4750 *10,300 | *4750 *10,300 | *4300 *9,350 | *4300 *9,350 | *3950 *8,600 | *3950 *8,600 | *3700 *8,050 | 3350 7,150 | | | *2700 *5,850 | *2700 *5,850 | 16.23 53.33 |
| 4.5 m 15.0 ft | kg lb | *5100 *11,000 | *5100 *11,000 | *4550 *9,850 | *4550 *9,850 | *4150 *8,950 | 3950 8,450 | *3800 *8,250 | 3250 6,900 | | | *2750 *6,050 | 2700 5,900 | 16.50 54.17 |
| 3.0 m 10.0 ft | kg lb | *5450 *11,750 | *5450 *11,750 | *4800 *10,350 | 4550 9,750 | *4300 *9,250 | 3750 8,050 | *3900 *8,450 | 3100 6,650 | *3200 | 2600 | *2900 *6,300 | 2550 5,600 | 16.64 55.00 |
| 1.5 m 5.0 ft | kg lb | *5750 *12,400 | 5250 11,250 | *5000 *10,800 | 4300 9,250 | *4450 *9,600 | 3550 7,650 | *4000 *8,650 | 3000 6,400 | *3400 | 2500 | *3050 *6,700 | 2500 5,450 | 16.63 55.00 |
| 0 m 0 ft | kg lb | *6000 *12,950 | 4950 10,600 | *5150 *11,150 | 4100 8,750 | *4550 *9,800 | 3400 7,300 | *4050 *8,750 | 2900 6,150 | | | *3250 *7,200 | 2450 5,400 | 16.49 54.17 |
| -1.5 m -5.0 ft | kg lb | *6150 *13,250 | 4700 10,100 | *5250 *11,400 | 3900 8,400 | *4600 *9,950 | 3300 7,050 | *4050 *8,750 | 2800 6,000 | | | *3550 *7,850 | 2500 5,450 | 16.21 53.33 |
| -3.0 m -10.0 ft | kg lb | *6200 *13,350 | 4550 9,800 | *5300 *11,400 | 3800 8,150 | *4600 *9,900 | 3200 6,850 | *4000 *8,600 | 2750 5,900 | | | *3700 *8,200 | 2550 5,600 | 15.78 51.67 |
| -4.5 m -15.0 ft | kg lb | *6100 *13,150 | 4450 9,600 | *5200 *11,200 | 3700 8,000 | *4500 *9,650 | 3150 6,800 | *3850 | 2750 | | | *3750 *8,250 | 2700 5,900 | 15.19 50.00 |
| -6.0 m -20.0 ft | kg lb | *5850 *12,550 | 4450 9,600 | *4950 *10,650 | 3700 8,000 | *4250 *9,000 | 3150 6,850 | | | | | *3800 *8,350 | 2900 6,450 | 14.42 47.50 |
| -7.5 m -25.0 ft | kg lb | *5400 *11,550 | 4500 9,750 | *4550 *9,650 | 3800 8,150 | | | | | | | *3800 *8,300 | 3300 7,300 | 13.43 44.17 |
| -9.0 m -30.0 ft | kg lb | *4700 *9,850 | *4650 *9,850 | *3800 | *3800 | | | | | | | *3700 *8,100 | *3700 *8,100 | 12.19 40.00 |
| -10.5 m -35.0 ft | kg lb | *3500 | *3500 | | | | | | | | | *3450 *7,450 | *3450 *7,450 | 10.58 34.17 |



ISO 10567



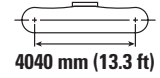
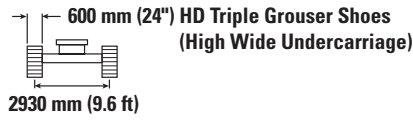
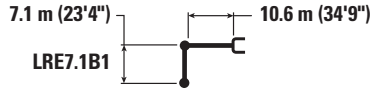
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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340 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 10.35 mt (22,800 lb) – without Bucket, Heavy Lift: On



| Reach (m/ft) | Unit | 1.5 m/5.0 ft | | 3.0 m/10.0 ft | | 4.5 m/15.0 ft | | 6.0 m/20.0 ft | | 7.5 m/25.0 ft | | 9.0 m/30.0 ft | | m/ft | | |
|---------------------|----------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|----------------|
| | | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | | | *2750 *6,100 | *2750 *6,100 | 12.26 40.00 |
| 12.0 m 40.0 ft | kg lb | | | | | | | | | | | | | *2650 *5,850 | *2650 *5,850 | 13.50 44.17 |
| 10.5 m 35.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,750 | *2600 *5,750 | 14.47 47.50 |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,700 | *2600 *5,700 | 15.23 50.00 |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | | | *2600 *5,750 | *2600 *5,750 | 15.81 51.67 |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *5350 *11,600 | *5350 *11,600 | *2700 *5,850 | *2700 *5,850 | 16.23 53.33 |
| 4.5 m 15.0 ft | kg lb | | | | | *12 100 *25,900 | *12 100 *25,900 | *8750 *18,850 | *8750 *18,850 | *7000 *15,050 | *7000 *15,050 | *5850 *12,650 | *5850 *12,650 | *2750 *6,050 | 2700 5,950 | 16.50 54.17 |
| 3.0 m 10.0 ft | kg lb | | | | | *7700 *18,600 | *7700 *18,600 | *10 050 *21,650 | *10 050 *21,650 | *7750 *16,700 | *7750 *16,700 | *6350 *13,750 | *6350 *13,750 | *2900 *6,300 | 2600 5,650 | 16.64 55.00 |
| 1.5 m 5.0 ft | kg lb | | | | | *5200 *12,050 | *5200 *12,050 | *11 000 *23,750 | *11 000 *23,750 | *8400 *18,100 | 8350 17,950 | *6800 *14,700 | 6550 14,100 | *3050 *6,700 | 2500 5,500 | 16.63 55.00 |
| 0 m 0 ft | kg lb | | | | | *5400 *12,300 | *5400 *12,300 | *10 800 *24,850 | 10 350 22,300 | *8850 *19,100 | 7750 16,750 | *7150 *15,400 | 6150 13,200 | *3250 *7,200 | 2500 5,450 | 16.49 54.17 |
| -1.5 m -5.0 ft | kg lb | | | *4400 *9,750 | *4400 *9,750 | *6400 *14,400 | *6400 *14,400 | *10 550 *24,150 | 9950 21,450 | *9050 *19,500 | 7400 15,950 | *7350 *15,850 | 5850 12,550 | *3550 *7,850 | 2500 5,500 | 16.21 53.33 |
| -3.0 m -10.0 ft | kg lb | *11,700 | *11,700 | *5850 *13,100 | *5850 *13,100 | *7700 *17,300 | *7700 *17,300 | *11 350 *24,550 | 9800 21,150 | *9000 *19,450 | 7200 15,500 | *7350 *15,900 | 5650 12,150 | *3700 *8,200 | 2600 5,650 | 15.78 51.67 |
| -4.5 m -15.0 ft | kg lb | *6550 *14,600 | *6550 *14,600 | *7350 *16,450 | *7350 *16,450 | *9200 *20,700 | *9200 *20,700 | *10 850 *23,550 | 9800 21,150 | *8750 *18,950 | 7150 15,350 | *7250 *15,600 | 5550 11,950 | *3750 *8,250 | 2700 6,000 | 15.19 50.00 |
| -6.0 m -20.0 ft | kg lb | | | *8950 *20,000 | *8950 *20,000 | *11 300 *24,650 | *10 950 *24,650 | *10 150 *21,950 | 9950 21,400 | *8300 *17,900 | 7150 15,450 | *6900 *14,900 | 5550 11,950 | *3800 *8,350 | 2950 6,500 | 14.42 47.50 |
| -7.5 m -25.0 ft | kg lb | | | *10 650 *23,900 | *10 650 *23,900 | *11 300 *24,350 | *11 300 *24,350 | *9200 *19,750 | *9200 *19,750 | *7600 *16,350 | 7300 15,700 | *6400 *13,700 | 5650 12,150 | *3800 *8,300 | 3300 7,350 | 13.43 44.17 |
| -9.0 m -30.0 ft | kg lb | | | | | *9450 *20,200 | *9450 *20,200 | *7850 *16,800 | *7850 *16,800 | *6600 *14,100 | *6600 *14,100 | *5600 *11,850 | *5600 *11,850 | *3700 *8,100 | *3700 *8,100 | 12.19 40.00 |
| -10.5 m -35.0 ft | kg lb | | | | | | | *6100 *12,850 | *6100 *12,850 | *5250 *10,950 | *5250 *10,950 | *4400 *9,050 | *4400 *9,050 | *3450 *7,450 | *3450 *7,450 | 10.58 34.17 |



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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.

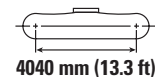
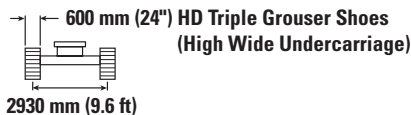
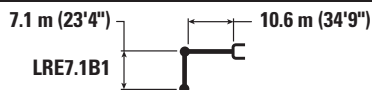
Lift capacity stays with ±5% for all available track shoes.

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(continued on next page)

340 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 10.35 mt (22,800 lb) – without Bucket, Heavy Lift: On (continued)



| | | 10.5 m/35.0 ft | | 12.0 m/40.0 ft | | 13.5 m/45.0 ft | | 15.0 m/50.0 ft | | 16.5 m/55.0 ft | | m ft | | |
|---------------------|----------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|----------------|------|-----------------|-----------------|----------------|
| | | | | | | | | | | | | | | |
| 13.5 m 45.0 ft | kg lb | | | *3100 | *3100 | | | | | | | *2750 *6,100 | *2750 *6,100 | 12.26 40.00 |
| 12.0 m 40.0 ft | kg lb | | | *3850 *8,400 | *3850 *8,400 | | | | | | | *2650 *5,850 | *2650 *5,850 | 13.50 44.17 |
| 10.5 m 35.0 ft | kg lb | | | *3850 *8,450 | *3850 *8,450 | *3700 *7,600 | *3700 *7,600 | | | | | *2600 *5,750 | *2600 *5,750 | 14.47 47.50 |
| 9.0 m 30.0 ft | kg lb | | | *3950 *8,600 | *3950 *8,600 | *3750 *8,150 | *3750 *8,150 | *2950 | *2950 | | | *2600 *5,700 | *2600 *5,700 | 15.23 50.00 |
| 7.5 m 25.0 ft | kg lb | *4450 *9,650 | *4450 *9,650 | *4100 *8,950 | *4100 *8,950 | *3850 *8,350 | *3850 *8,350 | *3650 *7,600 | 3500 7,400 | | | *2600 *5,750 | *2600 *5,750 | 15.81 51.67 |
| 6.0 m 20.0 ft | kg lb | *4750 *10,300 | *4750 *10,300 | *4300 *9,350 | *4300 *9,350 | *3950 *8,600 | *3950 *8,600 | *3700 *8,050 | 3400 7,200 | | | *2700 *5,850 | *2700 *5,850 | 16.23 53.33 |
| 4.5 m 15.0 ft | kg lb | *5100 *11,000 | *5100 *11,000 | *4550 *9,850 | *4550 *9,850 | *4150 *8,950 | 3950 8,500 | *3800 *8,250 | 3250 6,950 | | | *2750 *6,050 | 2700 5,950 | 16.50 54.17 |
| 3.0 m 10.0 ft | kg lb | *5450 *11,750 | *5450 *11,750 | *4800 *10,350 | 4600 9,850 | *4300 *9,250 | 3800 8,100 | *3900 *8,450 | 3150 6,700 | *3200 | 2600 | *2900 *6,300 | 2600 5,650 | 16.64 55.00 |
| 1.5 m 5.0 ft | kg lb | *5750 *12,400 | 5300 11,350 | *5000 *10,800 | 4350 9,300 | *4450 *9,600 | 3600 7,700 | *4000 *8,650 | 3000 6,450 | *3400 | 2550 | *3050 *6,700 | 2500 5,500 | 16.63 55.00 |
| 0 m 0 ft | kg lb | *6000 *12,950 | 5000 10,700 | *5150 *11,150 | 4100 8,850 | *4550 *9,800 | 3450 7,400 | *4050 *8,750 | 2900 6,200 | | | *3250 *7,200 | 2500 5,450 | 16.49 54.17 |
| -1.5 m -5.0 ft | kg lb | *6150 *13,250 | 4750 10,200 | *5250 *11,400 | 3950 8,450 | *4600 *9,950 | 3300 7,100 | *4050 *8,750 | 2850 6,050 | | | *3550 *7,850 | 2500 5,500 | 16.21 53.33 |
| -3.0 m -10.0 ft | kg lb | *6200 *13,350 | 4600 9,850 | *5300 *11,400 | 3800 8,200 | *4600 *9,900 | 3250 6,950 | *4000 *8,600 | 2750 5,950 | | | *3700 *8,200 | 2600 5,650 | 15.78 51.67 |
| -4.5 m -15.0 ft | kg lb | *6100 *13,150 | 4500 9,700 | *5200 *11,200 | 3750 8,050 | *4500 *9,650 | 3200 6,850 | *3850 | 2750 | | | *3750 *8,250 | 2700 6,000 | 15.19 50.00 |
| -6.0 m -20.0 ft | kg lb | *5850 *12,550 | 4500 9,650 | *4950 *10,650 | 3750 8,050 | *4250 *9,000 | 3200 6,900 | | | | | *3800 *8,350 | 2950 6,500 | 14.42 47.50 |
| -7.5 m -25.0 ft | kg lb | *5400 *11,550 | 4550 9,800 | *4550 *9,650 | 3800 8,200 | | | | | | | *3800 *8,300 | 3300 7,350 | 13.43 44.17 |
| -9.0 m -30.0 ft | kg lb | *4700 *9,850 | *4700 *9,850 | *3800 | *3800 | | | | | | | *3700 *8,100 | *3700 *8,100 | 12.19 40.00 |
| -10.5 m -35.0 ft | kg lb | *3500 | *3500 | | | | | | | | | *3450 *7,450 | *3450 *7,450 | 10.58 34.17 |



ISO 10567



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

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

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

340 Long Reach Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Europe

| | Linkage | Width | | Capacity | | Weight | | Fill | LRE |
|----------------------------------------------|---------|-------|----|----------------|-----------------|--------|-------|------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | % | |
| Pin-On (No Quick Coupler) | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● |
| | B | 1050 | 42 | 1.00 | 1.31 | 737 | 1,624 | 100 | ○ |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 855 | 1,885 | 100 | ○ |
| | B | 1200 | 48 | 1.19 | 1.56 | 985 | 2,171 | 100 | |
| | B | 1350 | 54 | 1.38 | 1.80 | 1069 | 2,357 | 100 | |
| Ditch Cleaning | B | 1800 | 71 | 0.86 | 1.12 | 590 | 1,301 | 100 | ⊙ |
| | B | 2100 | 83 | 1.06 | 1.39 | 657 | 1,447 | 100 | ⊖ |
| Ditch Cleaning – Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,416 | 100 | ◇ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 2185 |
| | | | | | | | | lb | 4,817 |
| With Cat Pin Grabber Coupler | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ⊙ |
| | B | 1050 | 42 | 1.00 | 1.31 | 737 | 1,624 | 100 | ◇ |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 855 | 1,885 | 100 | ○ |
| | B | 1200 | 48 | 1.19 | 1.56 | 985 | 2,171 | 100 | |
| | B | 1350 | 54 | 1.38 | 1.80 | 1069 | 2,357 | 100 | |
| Ditch Cleaning | B | 1800 | 71 | 0.86 | 1.12 | 590 | 1,301 | 100 | ○ |
| | B | 2100 | 83 | 1.06 | 1.39 | 657 | 1,447 | 100 | ◇ |
| Ditch Cleaning – Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,416 | 100 | X |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 1763 |
| | | | | | | | | lb | 3,888 |

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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.

(continued on next page)

340 Long Reach Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Europe (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | LRE |
|----------------------------------------------|---------|-------|----|----------------|-----------------|--------|-------|------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | % | |
| With CW-40 Quick Coupler | | | | | | | | | |
| General Duty | B CW40 | 900 | 35 | 0.81 | 1.06 | 664 | 1,463 | 100 | ⊖ |
| General Duty LE | B CW40 | 650 | 26 | 0.70 | 0.92 | 567 | 1,249 | 100 | ⊙ |
| | B CW40 | 800 | 31 | 0.68 | 0.89 | 614 | 1,353 | 100 | ⊙ |
| | B CW40 | 1000 | 39 | 0.92 | 1.21 | 719 | 1,586 | 100 | ○ |
| Ditch Cleaning | B CW40 | 2100 | 83 | 1.29 | 1.69 | 792 | 1,746 | 100 | ◇ |
| | B CW40 | 1800 | 72 | 1.50 | 1.96 | 827 | 1,823 | 100 | X |
| Ditch Cleaning – Tilt | B CW40 | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | X |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 1935 |
| | | | | | | | | lb | 4,266 |
| With CW-40S Quick Coupler | | | | | | | | | |
| General Duty | B | 750 | 30 | 0.64 | 0.84 | 592 | 1,450 | 100 | ● |
| | B | 900 | 36 | 0.81 | 1.06 | 661 | 1,444 | 100 | ● |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 715 | 1,576 | 100 | ◇ |
| | B | 2200 | 87 | 1.36 | 1.78 | 769 | 1,695 | 100 | ◇ |
| Ditch Cleaning – Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1142 | 2,518 | 100 | X |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 1954 |
| | | | | | | | | lb | 4,308 |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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340 Long Reach Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America

| | Linkage | Width | | Capacity | | Weight | | Fill | LRE |
|----------------------------------------------|---------|-------|----|----------------|-----------------|--------|-------|------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | % | |
| Pin-On (No Quick Coupler) | | | | | | | | | |
| General Duty Capacity | B | 600 | 24 | 0.55 | 0.72 | 620 | 1,366 | 100 | ● |
| | B | 750 | 30 | 0.75 | 0.98 | 717 | 1,580 | 100 | ◎ |
| | B | 900 | 36 | 0.95 | 1.24 | 793 | 1,747 | 100 | ⊖ |
| | B | 600 | 24 | 0.55 | 0.72 | 617 | 1,360 | 100 | ● |
| | B | 750 | 30 | 0.75 | 0.98 | 715 | 1,576 | 100 | ◎ |
| | B | 900 | 36 | 0.95 | 1.24 | 791 | 1,743 | 100 | ⊖ |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.60 | 647 | 1,426 | 100 | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 752 | 1,658 | 100 | ● |
| | B | 900 | 36 | 0.81 | 1.06 | 835 | 1,841 | 100 | ⊖ |
| | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ○ |
| | B | 1200 | 48 | 1.19 | 1.56 | 985 | 2,171 | 100 | ◇ |
| | B | 1350 | 54 | 1.38 | 1.80 | 1069 | 2,357 | 100 | X |
| Ditch Cleaning | B | 1500 | 60 | 1.01 | 1.32 | 651 | 1,436 | 100 | ⊖ |
| Ditch Cleaning – Tilt | B | 1800 | 72 | 0.90 | 1.18 | 1105 | 2,436 | 100 | ○ |
| | B | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | ◇ |
| | | | | | | | | kg | 2185 |
| Maximum load with pin-on (payload + bucket) | | | | | | | | lb | 4,817 |
| With Cat Pin Grabber Coupler | | | | | | | | | |
| General Duty Capacity | B | 600 | 24 | 0.55 | 0.72 | 620 | 1,366 | 100 | ● |
| | B | 750 | 30 | 0.75 | 0.98 | 717 | 1,580 | 100 | ○ |
| | B | 900 | 36 | 0.95 | 1.24 | 793 | 1,747 | 100 | ◇ |
| | B | 600 | 24 | 0.55 | 0.72 | 617 | 1,360 | 100 | ● |
| | B | 750 | 30 | 0.75 | 0.98 | 715 | 1,576 | 100 | ○ |
| | B | 900 | 36 | 0.95 | 1.24 | 791 | 1,743 | 100 | ◇ |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 647 | 1,426 | 100 | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 752 | 1,658 | 100 | ● |
| | B | 900 | 36 | 0.81 | 1.06 | 835 | 1,841 | 100 | ⊖ |
| | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ○ |
| | B | 1200 | 48 | 1.19 | 1.56 | 985 | 2,171 | 100 | X |
| | B | 1350 | 54 | 1.38 | 1.80 | 1069 | 2,357 | 100 | X |
| Ditch Cleaning | B | 1500 | 60 | 1.01 | 1.32 | 651 | 1,436 | 100 | ◇ |
| Ditch Cleaning – Tilt | B | 1800 | 72 | 0.90 | 1.18 | 1105 | 2,436 | 100 | X |
| | B | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | X |
| | | | | | | | | kg | 1763 |
| Maximum load with coupler (payload + bucket) | | | | | | | | lb | 3,888 |

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ◎ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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.

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(continued on next page)

340 Long Reach Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | LRE |
|----------------------------------------------|---------|-------|----|----------------|-----------------|--------|-------|------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | % | |
| With CW-40 Quick Coupler | | | | | | | | | |
| General Duty | B CW40 | 900 | 35 | 0.81 | 1.06 | 664 | 1,463 | 100 | ⊖ |
| General Duty LE | B CW40 | 650 | 26 | 0.70 | 0.92 | 567 | 1,249 | 100 | ⊙ |
| | B CW40 | 800 | 31 | 0.68 | 0.89 | 614 | 1,353 | 100 | ⊙ |
| | B CW40 | 1000 | 39 | 0.92 | 1.21 | 719 | 1,586 | 100 | ○ |
| Ditch Cleaning | B CW40 | 2100 | 83 | 1.29 | 1.69 | 792 | 1,746 | 100 | ◇ |
| | B CW40 | 1800 | 72 | 1.50 | 1.96 | 827 | 1,823 | 100 | X |
| Ditch Cleaning – Tilt | B CW40 | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | X |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 1935 |
| | | | | | | | | lb | 4,266 |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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

340 Long Reach Hydraulic Excavator Specifications

Attachments Offering Guide – Europe

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

Match

PIN-ON ATTACHMENTS

| Undercarriage | | HD High Wide |
|---------------------------------|-------------|----------------------|
| Counterweight | | 10.35 mt (22,800 lb) |
| Boom Type | | LRE |
| Stick Length | | LRE |
| Demolition and Sorting Grapples | G318 | ✓ |
| | G318 WH-800 | ✓ |

Attachments Offering Guide – North America

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

Match

* Working range front only

PIN-ON ATTACHMENTS

| Undercarriage | | HD High Wide |
|---------------------------------|-------------|----------------------|
| Counterweight | | 10.35 mt (22,800 lb) |
| Boom Type | | LRE |
| Stick Length | | LRE |
| Demolition and Sorting Grapples | G318 | ✓ |
| | G318 WH-800 | ✓ |
| Mulchers | HM4015 | ✓ |
| | HM4815 | ✓ |

CAT PIN GRABBER COUPLER ATTACHMENTS

| Undercarriage | | HD High Wide |
|---------------|--------|----------------------|
| Counterweight | | 10.35 mt (22,800 lb) |
| Boom Type | | LRE |
| Stick Length | | LRE |
| Mulchers | HM4015 | ✓* |
| | HM4815 | ✓ |

340 Long Reach Standard and Optional Equipment

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|--------------------------------------------------------------|----------|----------|----------------------------------------------------------------------|----------|----------|
| BOOMS, STICKS AND LINKAGES | | | SAFETY AND SECURITY | | |
| 10.6 m (34'9") LRE boom | ✓ | | Caterpillar One Key security system | ✓ | |
| 7.1 m (23'4") LRE stick | ✓ | | Lockable external tool/storage box | ✓ | |
| Bucket linkage, B1 family with lifting eye, Cat Grade | | ✓ | Lockable door, fuel, and hydraulic tank locks | ✓ | |
| ELECTRICAL SYSTEM | | | Lockable fuel drain compartment | ✓ | |
| Maintenance-free 1,000 CCA batteries | ✓ | | Service platform with anti-skid plate and recessed bolts | ✓ | |
| Centralized electrical disconnect switch | ✓ | | RH handrail and handhold | ✓ | |
| LED chassis light | ✓ | | Standard visibility mirror package | ✓ | |
| 1,800 lumen LED premium surround lights | ✓ | | Signaling/warning horn | ✓ | |
| ENGINE | | | Travel alarm* | ✓ | |
| Cold start block heater | | ✓ | Swing alarm | | ✓ |
| Three selectable modes: Power, Smart, Eco | ✓ | | Ground-level secondary engine shutoff switch | ✓ | |
| Automatic engine speed control | ✓ | | Boom lowering check valve – Europe standard; North America optional | ✓ | ✓ |
| Up to 3300 m (10,830 ft) altitude capability | ✓ | | Stick lowering check valve – Europe standard; North America optional | ✓ | ✓ |
| 52° C (126° F) high-ambient cooling | ✓ | | Rear and right-hand-sideview cameras | ✓ | |
| Hydraulic reversing fan | | ✓ | 360° visibility | | ✓ |
| -18° C (0° F) cold start capability | ✓ | | Cat Command remote control | | ✓ |
| -32° C (-25° F) cold start capability | | ✓ | SERVICE AND MAINTENANCE | | |
| Double element air filter with integrated pre-cleaner | ✓ | | Integrated vehicle health management system | | ✓ |
| HYDRAULIC SYSTEM | | | Grouped location for engine oil and fuel filters | ✓ | |
| SmartBoom™ – Europe only | ✓ | | Scheduled Oil Sampling (S·O·S SM) sampling ports | ✓ | |
| Boom and stick regeneration circuit | ✓ | | QuickEvac™ maintenance ready | | ✓ |
| Electronic main control valve | ✓ | | Electric refueling pump with auto shutoff – Europe only | | ✓ |
| Heavy lift mode | ✓ | | | | |
| Automatic hydraulic oil warmup | ✓ | | | | |
| Reverse swing damping valve | ✓ | | | | |
| Automatic swing parking brake | ✓ | | | | |
| High performance hydraulic return filter | ✓ | | | | |
| Two speed travel | ✓ | | | | |
| Bio hydraulic oil capability | ✓ | | | | |
| Combined two-way auxiliary circuit with direct return filter | | ✓ | | | |
| Medium-pressure auxiliary circuit | | ✓ | | | |
| Cooling circuit | | ✓ | | | |
| Quick coupler circuit for Cat Pin Grabber and CW Dedicated | | ✓ | | | |

*Optional in Europe

(continued on next page)

340 Long Reach 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 |
|----------------------------------------------------------------------------|----------|----------|--------------------------------------------|----------|----------|
| TECHNOLOGY | | | UNDERCARRIAGE AND STRUCTURES | | |
| Cat Product Link™ | ✓ | | HD High Wide undercarriage | ✓ | |
| Work tool recognition | ✓ | | Towing eye on base frame | ✓ | |
| Work tool tracking** | ✓ | | Full-length track guiding guards | | ✓ |
| Laser catcher | | ✓ | Segmented two-piece track guiding guards | | ✓ |
| Cat Grade with 2D and offset memory | ✓ | | Swivel guard | | ✓ |
| Cat Grade with Advanced 2D | | ✓ | Bottom guard | ✓ | |
| Cat Grade with 3D single GNSS | | ✓ | Travel motor guard | ✓ | |
| Cat Grade with 3D dual GNSS | | ✓ | Grease lubricated track | ✓ | |
| Cat Grade with 3D connectivity: | | ✓ | HD swing frame | ✓ | |
| – Capability with radios and base stations from Trimble, Topcon, and Leica | | | 10.35 mt (22,800 lb) counterweight | ✓ | |
| – Capability to install 3D grade systems from Trimble, Topcon, and Leica | | | 600 mm (24") HD triple grouser track shoes | | ✓ |
| Cat Assist: | ✓ | | 700 mm (28") triple grouser track shoes | | ✓ |
| – Grade Assist | | | 850 mm (33") triple grouser track shoes | | ✓ |
| – Boom Assist | | | | | |
| – Bucket Assist | | | | | |
| – Swing Assist | | | | | |
| – Lift Assist | | | | | |
| Cat Payload: | ✓ | | | | |
| – Static weigh | | | | | |
| – Semiautomatic calibration | | | | | |
| – Payload/cycle information | | | | | |
| – USB reporting capability | | | | | |
| 2D E-Fence: | ✓ | | | | |
| – E-ceiling | | | | | |
| – E-floor | | | | | |
| – E-swing | | | | | |
| – E-wall | | | | | |
| – E-cab avoidance | | | | | |
| Remote Services capability | ✓ | | | | |

**Paired with PL161 attachment locator

340 Long Reach Cab Options

| | Deluxe | Premium |
|-------------------------------------------------------------------------------------|--------|---------|
| Sound suppressed cab | ● | ● |
| Two-piece front windshield 70/30, tempered | ● | ○ |
| One-piece front windshield, tempered | X | ○ |
| High-resolution 254 mm (10") LCD touchscreen monitor | ● | ● |
| Additional high-resolution LCD touchscreen monitor for Cat Grade Advanced 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 | ● | ● |
| Heated seat with air-adjustable suspension | ● | X |
| Heated and cooled seat with automatic adjustable suspension | X | ● |
| Tilt-up left-side console | ● | ● |
| Cat Stick Steer | ● | ● |
| 51 mm (2") orange seat belt | ● | ● |
| Bluetooth® integrated radio (including USB, aux port and microphone) | ● | ● |
| 2 × 12V DC outlets | ● | ● |
| Document storage | ● | ● |
| Rear head storage net and lunchbox storage net | ● | ● |
| Cup and bottle holders | ● | ● |
| Upper radial wiper 70/30 with washer | ● | X |
| Parallel wiper with 70/30 with washer | X | ○ |
| Parallel wiper one-piece with washer | X | ○ |
| Polycarbonate skylight hatch, openable windshield | ● | ○ |
| Fixed glass hatch, one-piece windshield | X | ○ |
| LED cab lights, 1,800 lumens | ● | ● |
| LED dome light | ● | ● |
| Roller front sunscreen | ● | ● |
| Roller rear sunscreen | ○ | ● |
| Rear window emergency exit | ● | ● |
| Washable floor mat | ● | ● |
| Beacon ready | ● | ● |
| Auxiliary relay | ● | ● |

- Standard
- Optional
- X Not available

340 Long Reach Dealer Installed Kits and Attachments

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

- Lower radial wiper
- Joysticks with horizontal sliders
- LH/RH electrical pedal for tool control
- Side rubber bumpers
- Falling object guard system
- Vandalism guard
- Full mesh net guard
- Lower mesh net guard
- Rain protector for front windshield and cab light cover
- Bluetooth key fob

340 Long Reach 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® C9.3B engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

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

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg (2.2 lb) of refrigerant which has a CO₂ equivalent of 1.430 metric tonnes (1.576 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) – 105 dB(A)

ISO 6396:2008 (inside cab) – 73 dB(A)

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

Oils and Fluids

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

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode minimizes fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Available Cat technologies improve operator efficiency by up to 45%
 - Cut costs with extended maintenance intervals

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