



352

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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352 Long Reach Hydraulic Excavator Specialty Configuration

| | | | |
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352 Hydraulic Excavator Specifications

Engine

| | | |
|--------------------------|----------|---------------------|
| Engine Model | Cat® C13 | |
| Net Power – ISO 9249 | 316 kW | 424 hp |
| Engine Power – ISO 14396 | 317 kW | 425 hp |
| Bore | 130 mm | 5 in |
| Stroke | 157 mm | 6 in |
| Displacement | 12.5 L | 763 in ³ |

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 2600 m (8,530 ft).
- Net power is tested per ISO 9249. Standards 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 1,800 rpm.

Swing Mechanism

| | | |
|----------------------|----------|----------------|
| Swing Speed | 8.44 rpm | |
| Maximum Swing Torque | 187 kN·m | 138,000 lbf-ft |

Weights

| | | |
|--|-----------|------------|
| Operating Weight | 50 100 kg | 110,500 lb |
| <ul style="list-style-type: none"> • Variable Gauge undercarriage, Reach boom, R2.9TB (9'6") stick, HD 2.41 m³ (3.61 yd³) bucket, 600 mm (24") triple grouser shoes, 9.0 mt (19,842 lb) counterweight. | | |
| Operating Weight | 52 600 kg | 116,100 lb |
| <ul style="list-style-type: none"> • Variable Gauge undercarriage, Long Reach boom, LR4.3 m TB (14'1") stick, GDC 3.08 m³ (4.03 yd³) bucket, 900 mm (35") triple grouser shoes, 9.0 mt (19,842 lb) counterweight. | | |

Track

| | | |
|---------------------------------------|--------|-------|
| Track Shoes Width | 900 mm | 35 in |
| Track Shoes Width | 750 mm | 30 in |
| Track Shoes Width | 600 mm | 24 in |
| Number of Shoes (each side) | 52 | |
| Number of Track Rollers (each side) | 9 | |
| Number of Carrier Rollers (each side) | 3 | |

Drive

| | | |
|----------------------|----------|------------|
| Gradeability | 35°/70% | |
| Maximum Travel Speed | 4.8 km/h | 3.0 mph |
| Maximum Drawbar Pull | 335 kN | 75,311 lbf |

Hydraulic System

| | | |
|--|---------------------------------|-----------------------------------|
| Main System – Maximum Flow – Implement | 779 L/min (389 × 2 pumps) | 206 gal/min (103 × 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 | 26 000 kPa | 3,771 psi |
| Boom Cylinder – Bore | 170 mm | 7 in |
| Boom Cylinder – Stroke | 1524 mm | 60 in |
| Stick Cylinder – Bore | 190 mm | 7 in |
| Stick Cylinder – Stroke | 1758 mm | 69 in |
| TB Bucket Cylinder – Bore | 160 mm | 6 in |
| TB Bucket Cylinder – Stroke | 1356 mm | 53 in |
| UB Bucket Cylinder – Bore | 170 mm | 7 in |
| UB Bucket Cylinder – Stroke | 1396 mm | 55 in |

Service Refill Capacities

| | | |
|---|--------|-----------|
| Fuel Tank Capacity | 715 L | 188.9 gal |
| Cooling System | 52 L | 13.7 gal |
| Engine Oil (with filter) | 40 L | 10.6 gal |
| Swing Drive | 10.5 L | 2.8 gal |
| Final Drive (each) | 15 L | 4.0 gal |
| Hydraulic System (including tank) | 550 L | 145.3 gal |
| Hydraulic Tank (including suction pipe) | 217 L | 57.3 gal |
| DEF Tank | 46 L | 12.2 gal |

352 Hydraulic Excavator Specifications

Standards

| | |
|---------------------|------------------|
| Brakes | ISO 10265:2008 |
| Cab/FOGS (optional) | ISO 10262:1998 |
| Cab/ROPS | ISO 12117-2:2008 |

Sound Performance

| | |
|----------------------------|-----------|
| ISO 6395:2008 (external) | 108 dB(A) |
| ISO 6396:2008 (inside cab) | 72 dB(A) |

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

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 tonnes.

352 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 600 mm (24") Triple Grouser Shoes | | 600 mm (24") Double Grouser Shoes | | 600 mm (24") HD Double 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 Single Flange Track Rollers and Carrier Rollers | | | | | | |
| 9.0 mt (19,842 lb) Counterweight + Variable Gauge Long Undercarriage Base Machine | | | | | | |
| Long Reach Boom + Long Reach 4.3 m (14'1") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 51 100 (112,800) | 95.3 (13.8) | 51 300 (113,000) | 95.5 (13.8) | 51 700 (114,000) | 96.3 (14.0) |
| Reach Boom + Reach 3.9 m (12'10") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 50 500 (111,200) | 94.1 (13.6) | 50 600 (111,500) | 94.3 (13.7) | 51 000 (112,400) | 95.1 (13.8) |
| Reach Boom + Reach 3.35 m (11'0") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 50 300 (110,900) | 93.8 (13.6) | 50 400 (111,200) | 94.0 (13.6) | 50 900 (112,100) | 94.8 (13.8) |
| Reach Boom + Reach 2.9 m (9'6") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 50 200 (110,700) | 93.6 (13.6) | 50 300 (111,000) | 93.8 (13.6) | 50 800 (111,900) | 94.6 (13.7) |
| Mass Boom + Mass 3.0 m (9'10") Stick + 3.21 m ³ (4.20 yd ³) GDC Bucket | 51 700 (113,900) | 96.3 (14.0) | 51 800 (114,200) | 96.6 (14.0) | 52 200 (115,100) | 97.4 (14.1) |
| Base Frame with Double Flange Track Rollers and Carrier Rollers | | | | | | |
| 9.0 mt (19,842 lb) Counterweight + Variable Gauge Long Undercarriage Base Machine | | | | | | |
| Mass Boom + Mass 2.5 m (8'2") Stick + 3.21 m ³ (4.20 yd ³) GD Bucket | 51 500 (113,600) | 91.2 (13.2) | 51 700 (113,900) | 91.4 (13.3) | 52 100 (114,800) | 92.2 (13.4) |
| Base Frame with Single Flange Track Rollers and Carrier Rollers | | | | | | |
| 9.0 mt (19,842 lb) Counterweight + Variable Gauge Long Undercarriage Base Machine | | | | | | |
| Long Reach Boom + Long Reach 4.3 m (14'1") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 51 900 (114,400) | 96.7 (14.0) | 52 000 (114,500) | 96.8 (14.0) | 52 600 (116,100) | 98.1 (14.2) |
| Reach Boom + Reach 3.9 m (12'10") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 51 200 (112,900) | 95.5 (13.8) | 51 300 (113,000) | 95.6 (13.9) | 52 000 (114,500) | 96.9 (14.0) |
| Reach Boom + Reach 3.35 m (11'0") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 51 100 (112,600) | 95.2 (13.8) | 51 100 (112,700) | 95.3 (13.8) | 51 800 (114,200) | 96.6 (14.0) |
| Reach Boom + Reach 2.9 m (9'6") Stick + 3.08 m ³ (4.04 yd ³) GDC Bucket | 51 000 (112,400) | 95.0 (13.8) | 51 000 (112,500) | 95.1 (13.8) | 51 700 (114,000) | 96.4 (14.0) |
| Mass Boom + Mass 3.0 m (9'10") Stick + 3.21 m ³ (4.20 yd ³) GDC Bucket | 52 400 (115,600) | 97.7 (14.2) | 52 500 (115,700) | 97.9 (14.2) | 53 200 (117,200) | 99.1 (14.4) |
| Base Frame with Double Flange Track Rollers and Carrier Rollers | | | | | | |
| 9.0 mt (19,842 lb) Counterweight + Variable Gauge Long Undercarriage Base Machine | | | | | | |
| Mass Boom + Mass 2.5 m (8'2") Stick + 3.21 m ³ (4.20 yd ³) GD Bucket | 52 300 (115,300) | 92.6 (13.4) | 52 400 (115,400) | 92.7 (13.4) | 53 000 (116,900) | 94.0 (13.6) |

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

352 Hydraulic Excavator Specifications

Major Component Weights

| | kg | lb |
|---|--------|--------|
| Base machine with 9.0 mt (19,842 lb) counterweight, standard swing frame, base frame with single flange track rollers and carrier rollers | 35 110 | 77,410 |
| Track Shoes: | | |
| 600 mm (24") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes | 5290 | 11,660 |
| 600 mm (24") Width, 15.5 mm (0.6") Thick, Double Grouser Track Shoes | 5410 | 11,920 |
| 600 mm (24") Width, 19.5 mm (0.8") Thick, HD Double Grouser Track Shoes | 5840 | 12,870 |
| 750 mm (30") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes | 6040 | 13,310 |
| 750 mm (30") Width, 17.7 mm (0.7") Thick, Single Grouser Track Shoes | 6100 | 13,450 |
| 900 mm (35") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes | 6790 | 14,970 |
| Two Boom Cylinders | 1760 | 3,880 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 630 | 1,380 |
| Counterweights: | | |
| 9.0 mt (19,842 lb) Counterweight | 9000 | 19,840 |
| 8.6 mt (18,960 lb) Counterweight for CTWT RMVL | 8680 | 19,140 |
| Swing Frames: | | |
| Standard Swing Frame | 4070 | 8,980 |
| CTWT RMVL Swing Frame | 4160 | 9,160 |
| Fixed Gauge and Variable Gauge Long Undercarriages: | | |
| Base Frame with SF Track Rollers and Carrier Rollers | 9340 | 20,580 |
| Base Frame with DF Track Rollers and Carrier Rollers | 9380 | 20,680 |
| Booms (including lines, pins, stick cylinder): | | |
| Long Reach Boom 7.4 m (24'2") | 4730 | 10,430 |
| Reach Boom 6.9 m (22'8") | 4410 | 9,720 |
| Mass Boom 6.55 m (21'6") | 4720 | 10,420 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| Long Reach Stick LR4.3TB (14'1") | 3030 | 6,680 |
| Reach Stick R3.9TB (12'10") | 2660 | 5,870 |
| Reach Stick R3.35TB (11'0") | 2510 | 5,540 |
| Reach Stick R2.9TB (9'6") | 2430 | 5,350 |
| Mass Stick M3.0UB (9'10") | 2950 | 6,510 |
| Mass Stick M2.5UB (8'2") | 2770 | 6,110 |
| Bucket (without linkage): | | |
| 3.21 m ³ (4.20 yd ³) SD for UB | 2970 | 6,550 |
| Quick Couplers: | | |
| CW Dedicated QC | 770 | 1,690 |
| Pin Grabber QC | 1060 | 2,340 |

352 Hydraulic Excavator Specifications

Dimensions

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



| Boom Options | Long Reach Boom 7.4 m (24'2") | | | | Reach Boom 6.9 m (22'8") | | | |
|---|----------------------------------|----------------------|---------------------|----------------------|-----------------------------|----------------------|---------------------|----------------------|
| | LR4.3TB (14'1") | | R3.9TB (12'10") | | R3.35TB (11'0") | | R2.9TB (9'6") | |
| Stick Options | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in |
| | 1 Machine Height: | | | | | | | |
| Cab Height | 3380 | 11'1" | 3380 | 11'1" | 3380 | 11'1" | 3380 | 11'1" |
| FOGS Height | 3530 | 11'6" | 3530 | 11'6" | 3530 | 11'6" | 3530 | 11'6" |
| Handrails Height | 3530 | 11'6" | 3530 | 11'6" | 3530 | 11'6" | 3530 | 11'6" |
| With Boom/Stick/Bucket Installed | 3640 | 11'11" | 3680 | 12'0" | 3710 | 12'2" | 3720 | 12'2" |
| With Boom/Stick Installed | 3710 | 12'2" | 3700 | 12'1" | 3580 | 11'8" | 3520 | 11'6" |
| With Boom Installed | 3270 | 10'8" | 3200 | 10'5" | 3200 | 10'5" | 3200 | 10'5" |
| With Boom/Stick/Bucket Installed (with Auxiliary Lines) | 3640 | 11'11" | 3680 | 12'0" | 3710 | 12'2" | 3720 | 12'2" |
| With Boom/Stick Installed (with Auxiliary Lines) | 3710 | 12'2" | 3700 | 12'1" | 3620 | 11'10" | 3570 | 11'8" |
| With Boom Installed (with Auxiliary Lines) | 3320 | 10'10" | 3230 | 10'7" | 3230 | 10'7" | 3230 | 10'7" |
| 2 Machine Length: | | | | | | | | |
| With Boom/Stick/Bucket Installed | 12 380 | 40'7" | 11 900 | 39'0" | 11 890 | 39'0" | 11 890 | 39'0" |
| With Boom/Stick Installed | 12 400 | 40'8" | 11 900 | 39'0" | 11 850 | 38'10" | 11 820 | 38'9" |
| With Boom Installed | 11 130 | 36'6" | 10 610 | 34'9" | 10 610 | 34'9" | 10 610 | 34'9" |
| With Boom/Stick/Bucket Installed (with Auxiliary Lines) | 12 380 | 40'7" | 11 900 | 39'0" | 11 890 | 39'0" | 11 890 | 39'0" |
| With Boom/Stick Installed (with Auxiliary Lines) | 12 400 | 40'8" | 11 900 | 39'0" | 11 850 | 38'10" | 11 820 | 38'9" |
| With Boom Installed (with Auxiliary Lines) | 11 130 | 36'6" | 10 610 | 34'9" | 10 610 | 34'9" | 10 610 | 34'9" |
| 3 Upperframe Width without Walkways | 3020 | 9'10" | 3020 | 9'10" | 3020 | 9'10" | 3020 | 9'10" |
| 4 Tail Swing Radius | 3760 | 12'4" | 3760 | 12'4" | 3760 | 12'4" | 3760 | 12'4" |
| 5 Counterweight Clearance without Shoe Lug | 1435 | 4'8" | 1435 | 4'8" | 1435 | 4'8" | 1435 | 4'8" |
| 6 Ground Clearance without Shoe Lug | 710 | 2'3" | 710 | 2'3" | 710 | 2'3" | 710 | 2'3" |
| 7 Length to Center of Rollers | 4340 | 14'2" | 4340 | 14'2" | 4340 | 14'2" | 4340 | 14'2" |
| Bucket Type | GDC | | GDC | | GDC | | GDC | |
| Bucket Capacity | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ |
| Bucket Tip Radius | 2071 mm | 6'9" | 2071 mm | 6'9" | 2071 mm | 6'9" | 2071 mm | 6'9" |

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352 Hydraulic Excavator Specifications

Dimensions *(continued)*

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

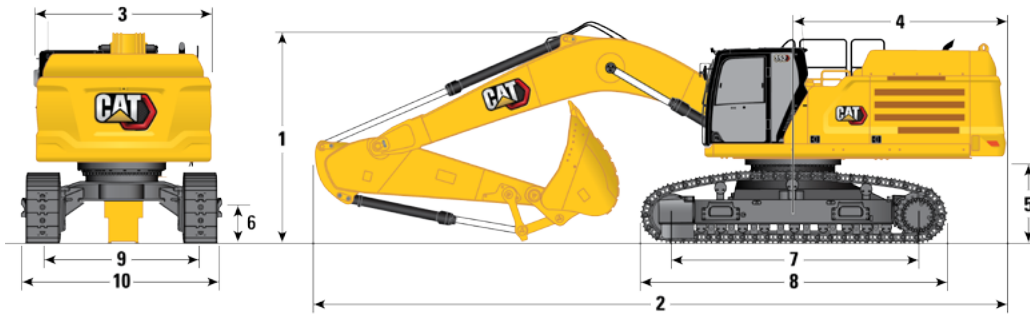


| Boom Options | Long Reach Boom 7.4 m (24'2") | | | | Reach Boom 6.9 m (22'8") | | | |
|--|----------------------------------|----------------------|---------------------|----------------------|-----------------------------|----------------------|---------------------|----------------------|
| Stick Options | Long Reach Stick | | | | Reach Stick | | | |
| | LR4.3TB (14'1") | | R3.9TB (12'10") | | R3.35TB (11'0") | | R2.9TB (9'6") | |
| | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in |
| 8 Track Length | 5350 | 17'6" | 5350 | 17'6" | 5350 | 17'6" | 5350 | 17'6" |
| 9 Track Gauge: Variable Gauge Undercarriage | | | | | | | | |
| Retracted | 2390 | 7'10" | 2390 | 7'10" | 2390 | 7'10" | 2390 | 7'10" |
| Extended | 2890 | 9'5" | 2890 | 9'5" | 2890 | 9'5" | 2890 | 9'5" |
| 10 Undercarriage Width: | | | | | | | | |
| Variable Gauge Undercarriage Retracted | | | | | | | | |
| 600 mm (24") Shoes | 3180 | 10'5" | 3180 | 10'5" | 3180 | 10'5" | 3180 | 10'5" |
| 750 mm (30") Shoes | 3180 | 10'5" | 3180 | 10'5" | 3180 | 10'5" | 3180 | 10'5" |
| 900 mm (35") Shoes | 3540 | 11'7" | 3540 | 11'7" | 3540 | 11'7" | 3540 | 11'7" |
| Undercarriage Width: | | | | | | | | |
| Variable Gauge Undercarriage Extended | | | | | | | | |
| 600 mm (24") Shoes | 3680 | 12'0" | 3680 | 12'0" | 3680 | 12'0" | 3680 | 12'0" |
| 750 mm (30") Shoes | 3680 | 12'0" | 3680 | 12'0" | 3680 | 12'0" | 3680 | 12'0" |
| 900 mm (35") Shoes | 3790 | 12'5" | 3790 | 12'5" | 3790 | 12'5" | 3790 | 12'5" |
| Bucket Type | GDC | | GDC | | GDC | | GDC | |
| Bucket Capacity | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ |
| Bucket Tip Radius | 2071 mm | 6'9" | 2071 mm | 6'9" | 2071 mm | 6'9" | 2071 mm | 6'9" |

352 Hydraulic Excavator Specifications

Dimensions

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



Boom Option

Mass Boom
6.55 m (21'6")

Stick Options

Mass Stick

| | M3.0UB (9'10") | | M2.5UB (8'2") | |
|---|---------------------|----------------------|---------------------|----------------------|
| | mm | ft/in | mm | ft/in |
| 1 Machine Height: | | | | |
| Cab Height | 3380 | 11'1" | 3380 | 11'1" |
| FOGS Height | 3530 | 11'6" | 3530 | 11'6" |
| Handrails Height | 3530 | 11'6" | 3530 | 11'6" |
| With Boom/Stick/Bucket Installed | 4310 | 14'1" | 4050 | 13'3" |
| With Boom/Stick Installed | 3820 | 12'6" | 3800 | 12'5" |
| With Boom Installed | 3250 | 10'7" | 3250 | 10'7" |
| With Boom/Stick/Bucket Installed (with Auxiliary Lines) | 4310 | 14'1" | 4050 | 13'3" |
| With Boom/Stick Installed (with Auxiliary Lines) | 3820 | 12'6" | 3800 | 12'5" |
| With Boom Installed (with Auxiliary Lines) | 3280 | 10'9" | 3280 | 10'9" |
| 2 Machine Length: | | | | |
| With Boom/Stick/Bucket Installed | 11 640 | 38'2" | 11 650 | 38'2" |
| With Boom/Stick Installed | 11 500 | 37'8" | 11 540 | 37'10" |
| With Boom Installed | 10 230 | 33'6" | 10 230 | 33'6" |
| With Boom/Stick/Bucket Installed (with Auxiliary Lines) | 11 640 | 38'2" | 11 650 | 38'2" |
| With Boom/Stick Installed (with Auxiliary Lines) | 11 500 | 37'8" | 11 540 | 37'10" |
| With Boom Installed (with Auxiliary Lines) | 10 230 | 33'6" | 10 230 | 33'6" |
| 3 Upperframe Width without Walkways | 3020 | 9'10" | 3020 | 9'10" |
| 4 Tail Swing Radius | 3760 | 12'4" | 3760 | 12'4" |
| 5 Counterweight Clearance without Shoe Lug | 1435 | 4'8" | 1435 | 4'8" |
| 6 Ground Clearance without Shoe Lug | 710 | 2'3" | 710 | 2'3" |
| 7 Length to Center of Rollers | 4340 | 14'2" | 4340 | 14'2" |
| Bucket Type | SD | | SD | |
| Bucket Capacity | 3.21 m ³ | 4.20 yd ³ | 3.21 m ³ | 4.20 yd ³ |
| Bucket Tip Radius | 1888 mm | 6'2" | 1888 mm | 6'2" |

(continued on next page)

352 Hydraulic Excavator Specifications

Dimensions (continued)

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



Boom Option

Mass Boom
6.55 m (21'6")

Stick Options

Mass Stick

M3.0UB (9'10")

M2.5UB (8'2")

mm

ft/in

mm

ft/in

8 Track Length

5350

17'6"

5350

17'6"

9 Track Gauge: Variable Gauge Undercarriage

Retracted

2390

7'10"

2390

7'10"

Extended

2890

9'5"

2890

9'5"

10 Undercarriage Width:

Variable Gauge Undercarriage Retracted

600 mm (24") Shoes

3180

10'5"

3180

10'5"

750 mm (30") Shoes

3180

10'5"

3180

10'5"

900 mm (35") Shoes

3540

11'7"

3540

11'7"

Undercarriage Width:

Variable Gauge Undercarriage Extended

600 mm (24") Shoes

3680

12'0"

3680

12'0"

750 mm (30") Shoes

3680

12'0"

3680

12'0"

900 mm (35") Shoes

3790

12'5"

3790

12'5"

Bucket Type

SD

SD

Bucket Capacity

3.21 m³

4.20 yd³

3.21 m³

4.20 yd³

Bucket Tip Radius

1888 mm

6'2"

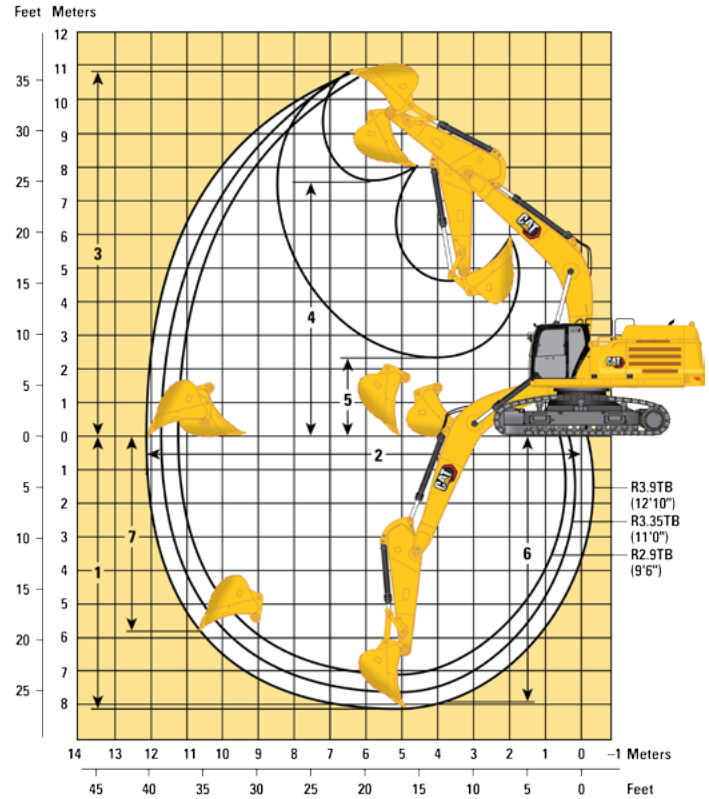
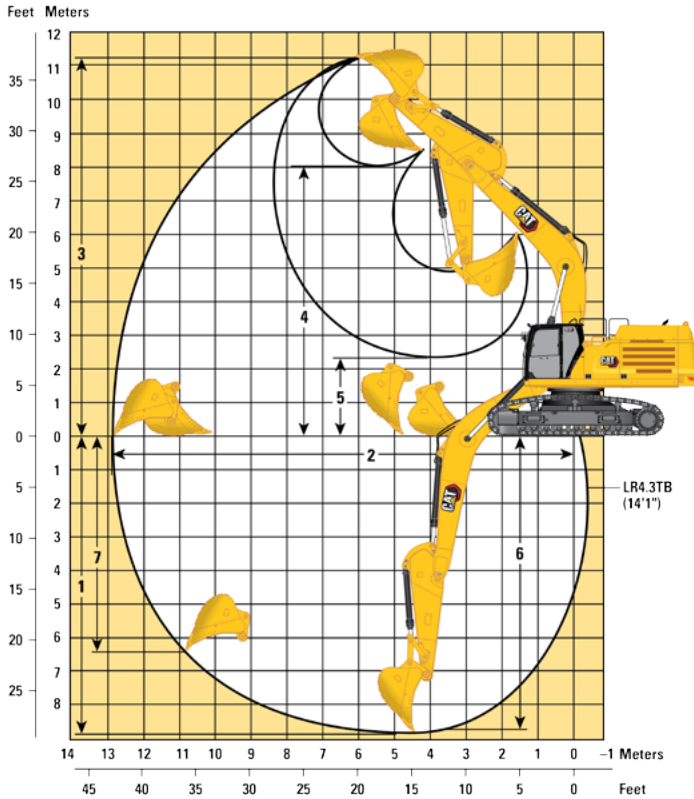
1888 mm

6'2"

352 Hydraulic Excavator Specifications

Working Ranges and Forces

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



Boom Options

**Long Reach Boom
7.4 m (24'2")**

**Reach Boom
6.9 m (22'8")**

Stick Options

Long Reach Stick

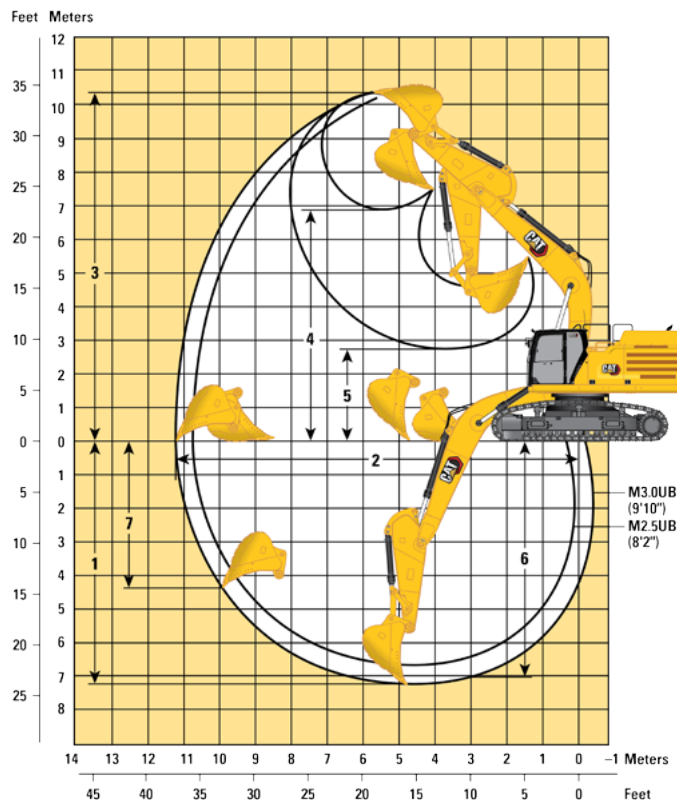
Reach Stick

| | LR4.3TB (14'1") | | R3.9TB (12'10") | | R3.35TB (11'0") | | R2.9TB (9'6") | |
|--|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in |
| 1 Maximum Digging Depth | 8790 | 28'10" | 8060 | 26'5" | 7510 | 24'7" | 7060 | 23'1" |
| 2 Maximum Reach at Ground Line | 12 940 | 42'5" | 12 120 | 39'9" | 11 710 | 38'5" | 11 290 | 37'0" |
| 3 Maximum Cutting Height | 11 320 | 37'1" | 10 880 | 35'8" | 10 970 | 35'11" | 10 790 | 35'4" |
| 4 Maximum Loading Height | 8020 | 26'3" | 7570 | 24'10" | 7580 | 24'10" | 7400 | 24'3" |
| 5 Minimum Loading Height | 2370 | 7'9" | 2350 | 7'8" | 2900 | 9'6" | 3350 | 10'11" |
| 6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom | 8660 | 28'4" | 7920 | 25'11" | 7360 | 24'1" | 6900 | 22'7" |
| 7 Maximum Vertical Wall Digging Depth | 6400 | 20'11" | 5810 | 19'0" | 5680 | 18'7" | 5270 | 17'3" |
| Bucket Digging Force (ISO) | 267 kN | 60,020 lbf | 268 kN | 60,250 lbf | 268 kN | 60,250 lbf | 268 kN | 60,250 lbf |
| Stick Digging Force (ISO) | 170 kN | 38,220 lbf | 183 kN | 41,140 lbf | 199 kN | 44,740 lbf | 219 kN | 49,230 lbf |
| Bucket Type | GDC | | GDC | | GDC | | GDC | |
| Bucket Capacity | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ | 3.08 m ³ | 4.03 yd ³ |
| Bucket Tip Radius | 2071 mm | 6'9" | 2071 mm | 6'9" | 2071 mm | 6'9" | 2071 mm | 6'9" |

352 Hydraulic Excavator Specifications

Working Ranges and Forces

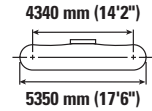
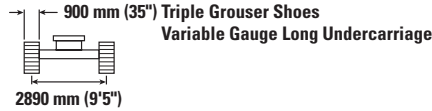
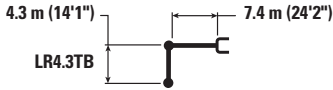
All dimensions are approximate and may vary depending on bucket selection.



| Boom Option | Mass Boom 6.55 m (21'6") | | | |
|---|-----------------------------|----------------------|---------------------|----------------------|
| | Stick Options | | | |
| | M3.0UB (9'10") | | M2.5UB (8'2") | |
| | | | | |
| 1 Maximum Digging Depth | 7150 mm | 23'5" | 6650 mm | 21'9" |
| 2 Maximum Reach at Ground Line | 11 240 mm | 36'10" | 10 770 mm | 35'4" |
| 3 Maximum Cutting Height | 10 440 mm | 34'3" | 10 250 mm | 33'7" |
| 4 Maximum Loading Height | 6900 mm | 22'7" | 6700 mm | 21'11" |
| 5 Minimum Loading Height | 2730 mm | 8'11" | 3230 mm | 10'7" |
| 6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom | 7010 mm | 22'11" | 6490 mm | 21'3" |
| 7 Maximum Vertical Wall Digging Depth | 4280 mm | 14'0" | 3850 mm | 12'7" |
| Bucket Digging Force (ISO) | 290 kN | 65,190 lbf | 290 kN | 65,190 lbf |
| Stick Digging Force (ISO) | 211 kN | 47,430 lbf | 239 kN | 53,730 lbf |
| Bucket Type | SD | | SD | |
| Bucket Capacity | 3.21 m ³ | 4.20 yd ³ | 3.21 m ³ | 4.20 yd ³ |
| Bucket Tip Radius | 1888 mm | 6'2" | 1888 mm | 6'2" |

352 Hydraulic Excavator Specifications

Long Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 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 | | 10.5 m/35.0 ft | | m ft/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|--------------------|----------------|--------------------|------------------|----------------|
| | | | | | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *7150 | *7150 | | | *7100 | *7100 | 9.02 29'2" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *9750 *21,250 | 9350 20,000 | | | *6900 *15,150 | *6900 *15,150 | 9.97 32'6" |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *10 150 *22,200 | 9150 19,650 | *7650 | 7000 | *6900 *15,150 | 6850 *15,150 | 10.63 35'0" |
| 4.5 m 15.0 ft | kg lb | | | | | | | *14 500 *31,250 | *14 500 *31,250 | *12 250 *26,500 | 11 750 25,300 | *10 900 *23,650 | 8850 19,000 | *10 050 *20,150 | 6900 14,750 | *7100 *15,550 | 6300 13,950 | 11.04 36'8" |
| 3.0 m 10.0 ft | kg lb | | | | | *23 800 *51,100 | 23 550 50,800 | *17 000 *36,650 | 15 450 33,300 | *13 650 *29,550 | 11 150 24,050 | *11 700 *25,400 | 8500 18,300 | 10 200 21,900 | 6700 14,350 | *7450 *16,300 | 6000 13,200 | 11.23 37'6" |
| 1.5 m 5.0 ft | kg lb | | | | | *18 450 *43,600 | *18 450 *43,600 | *19 050 *41,200 | 14 550 31,300 | *14 900 *32,250 | 10 600 22,900 | *12 450 *27,000 | 8200 17,600 | 10 000 21,500 | 6500 14,000 | *8000 *17,550 | 5850 12,900 | 11.22 37'6" |
| 0 m 0 ft | kg lb | | | *7500 *16,950 | *7500 *16,950 | *18 350 *42,200 | *18 350 *42,200 | *20 250 *43,800 | 13 950 30,050 | *15 750 *34,100 | 10 250 22,000 | 12 300 26,500 | 7950 17,050 | 9850 21,200 | 6350 13,650 | *8800 *19,400 | 5950 13,100 | 11.00 36'8" |
| -1.5 m -5.0 ft | kg lb | | | *12 750 *28,650 | *12 750 *28,650 | *22 250 *50,800 | 21 050 45,200 | *20 450 *44,300 | 13 650 29,400 | 15 850 34,100 | 10 000 21,500 | 12 150 26,150 | 7750 16,750 | 9750 | 6300 | 9700 21,350 | 6250 13,750 | 10.57 35'0" |
| -3.0 m -10.0 ft | kg lb | *14 650 *32,650 | *14 650 *32,650 | *18 400 *41,400 | *18 400 *41,400 | *25 950 *56,200 | 21 100 45,350 | *19 750 *42,700 | 13 600 29,250 | *15 600 *33,750 | 9900 21,350 | 12 100 26,050 | 7750 16,650 | | | 10 650 23,550 | 6850 15,100 | 9.88 32'6" |
| -4.5 m -15.0 ft | kg lb | | | *25 250 *57,000 | *25 250 *57,000 | *23 150 *50,050 | 21 400 46,000 | *18 000 *38,750 | 13 750 29,600 | *14 250 *30,550 | 10 000 21,600 | | | | | *11 250 *24,800 | 8000 17,800 | 8.89 29'2" |
| -6.0 m -20.0 ft | kg lb | | | | | *18 750 *40,000 | *18 750 *40,000 | *14 650 *31,150 | 14 100 30,450 | | | | | | | *11 150 *24,450 | 10 450 23,500 | 7.46 24'2" |



ISO 10567



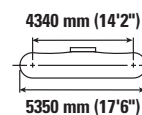
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Long Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 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 | | 10.5 m/35.0 ft | | m ft/in | | |
|--------------------|----------|--------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|--------|---------------|-------|----------------|------|------------|--------|----------------|
| | | | | | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *7150 | *7150 | | | *7100 | *7100 | 9.02 29'2" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *9750 | 9200 | | | *6900 | *6900 | 9.97 32'6" |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *10 150 | 9050 | *7650 | 6900 | *6900 | 6750 | 10.63 35'0" |
| 4.5 m 15.0 ft | kg lb | | | | | | | *14 500 | *14 500 | *12 250 | 11 600 | *10 900 | 8750 | *10 050 | 6800 | *7100 | 6200 | 11.04 36'8" |
| 3.0 m 10.0 ft | kg lb | | | | | *23 800 | 23 250 | *17 000 | 15 250 | *13 650 | 11 000 | *11 700 | 8400 | 10 050 | 6600 | *7450 | 5900 | 11.23 37'6" |
| 1.5 m 5.0 ft | kg lb | | | | | *18 450 | *18 450 | *19 050 | 14 350 | *14 900 | 10 500 | 12 400 | 8050 | 9850 | 6400 | *8000 | 5800 | 11.22 37'6" |
| 0 m 0 ft | kg lb | | | *7500 | *7500 | *18 350 | *18 350 | *20 250 | 13 750 | *15 750 | 10 100 | 12 150 | 7800 | 9700 | 6250 | *8800 | 5850 | 11.00 36'6" |
| -1.5 m -5.0 ft | kg lb | | | *12 750 | *12 750 | *22 250 | 20 750 | *20 450 | 13 450 | 15 650 | 9850 | 11 950 | 7650 | 9600 | 6200 | 9550 | 6150 | 10.57 35'0" |
| -3.0 m -10.0 ft | kg lb | *14 650 | *14 650 | *18 400 | *18 400 | *25 950 | 20 800 | *19 750 | 13 400 | 15 550 | 9750 | 11 950 | 7600 | | | 10 500 | 6750 | 9.88 32'6" |
| -4.5 m -15.0 ft | kg lb | | | *25 250 | *25 250 | *23 150 | 21 100 | *18 000 | 13 550 | *14 250 | 9850 | | | | | *11 250 | 7900 | 8.89 29'2" |
| -6.0 m -20.0 ft | kg lb | | | | | *18 750 | *18 750 | *14 650 | 13 900 | | | | | | | *11 150 | 10 300 | 7.46 24'2" |



ISO 10567



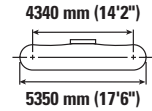
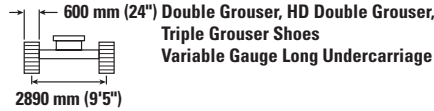
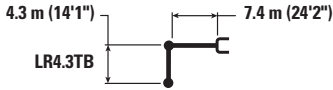
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Long Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 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 | | 10.5 m/35.0 ft | | m ft/in | | |
|--------------------|----------|--------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|--------|---------------|-------|----------------|------|---------|--------|----------------|
| | | | | | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *7150 | *7150 | | | *7100 | *7100 | 9.02 29'2" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *9750 | 9100 | | | *6900 | *6900 | 9.97 32'6" |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *10 150 | 8900 | *7650 | 6800 | *6900 | 6700 | 10.63 35'0" |
| 4.5 m 15.0 ft | kg lb | | | | | | | *14 500 | *14 500 | *12 250 | 11 450 | *10 900 | 8600 | *10 050 | 6700 | *7100 | 6150 | 11.04 36'8" |
| 3.0 m 10.0 ft | kg lb | | | | | *23 800 | 22 950 | *17 000 | 15 050 | *13 650 | 10 850 | *11 700 | 8250 | 9900 | 6500 | *7450 | 5800 | 11.23 37'6" |
| 1.5 m 5.0 ft | kg lb | | | | | *18 450 | *18 450 | *19 050 | 14 150 | *14 900 | 10 350 | 12 250 | 7950 | 9700 | 6300 | *8000 | 5700 | 11.22 37'6" |
| 0 m 0 ft | kg lb | | | *7500 | *7500 | *18 350 | *18 350 | *20 250 | 13 550 | 15 650 | 9950 | 11 950 | 7700 | 9550 | 6150 | *8800 | 5750 | 11.00 36'8" |
| -1.5 m -5.0 ft | kg lb | | | *12 750 | *12 750 | *22 250 | 20 450 | *20 450 | 13 250 | 15 400 | 9700 | 11 800 | 7550 | 9450 | 6100 | 9400 | 6050 | 10.57 35'0" |
| -3.0 m -10.0 ft | kg lb | *14 650 | *14 650 | *18 400 | *18 400 | *25 950 | 20 500 | *19 750 | 13 200 | 15 300 | 9600 | 11 750 | 7500 | | | 10 350 | 6650 | 9.88 32'6" |
| -4.5 m -15.0 ft | kg lb | | | *25 250 | *25 250 | *23 150 | 20 800 | *18 000 | 13 350 | *14 250 | 9700 | | | | | *11 250 | 7750 | 8.89 29'2" |
| -6.0 m -20.0 ft | kg lb | | | | | *18 750 | *18 750 | *14 650 | 13 700 | | | | | | | *11 150 | 10 150 | 7.46 24'2" |



ISO 10567



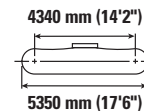
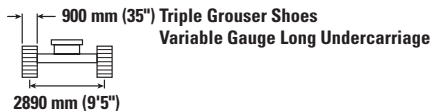
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Lift capacity stays with ±5% for all available track shoes.

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352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------|--------------------|--------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *7850 *17,400 | *7850 *17,400 | 7.99 25'10" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *7900 | *7900 | *7550 *16,600 | *7550 *16,600 | 9.06 30'0" |
| 6.0 m 20.0 ft | kg lb | | | | | | | *11 850 *25,850 | *11 850 *25,850 | *11 200 9250 | *11 200 9250 | *7500 *16,450 | *7500 *16,450 | 9.78 32'6" |
| 4.5 m 15.0 ft | kg lb | | | | | *15 250 *32,900 | *15 250 *32,900 | *13 050 *28,350 | 11 950 25,800 | *11 800 *25,700 | 9050 19,450 | *7650 *16,750 | 7400 16,300 | 10.22 34'2" |
| 3.0 m 10.0 ft | kg lb | | | *24 500 *52,650 | 24 300 52,350 | *17 800 *38,400 | 15 850 34,200 | *14 450 *31,350 | 11 500 24,750 | *12 550 *27,250 | 8800 18,900 | *8000 *17,550 | 7000 15,450 | 10.43 34'2" |
| 1.5 m 5.0 ft | kg lb | | | *25 000 *59,350 | 22 850 49,250 | *19 900 *43,000 | 15 100 32,550 | *15 700 *34,000 | 11 050 23,800 | 12 950 27,850 | 8550 18,350 | *8600 *18,900 | 6900 15,200 | 10.42 34'2" |
| 0 m 0 ft | kg lb | *9650 *21,900 | *9650 *21,900 | *24 050 *55,600 | 22 250 47,800 | *21 050 *45,600 | 14 600 31,450 | *16 500 *35,750 | 10 700 23,100 | 12 700 27,400 | 8350 17,950 | *9550 *21,050 | 7050 15,450 | 10.18 33'4" |
| -1.5 m -5.0 ft | kg lb | *15 950 *35,950 | *15 950 *35,950 | *28 400 *61,600 | 22 050 47,400 | *21 200 *45,850 | 14 350 30,900 | 16 400 35,300 | 10 550 22,700 | 12 600 27,150 | 8250 17,750 | *11 100 *24,500 | 7450 16,400 | 9.71 32'6" |
| -3.0 m -10.0 ft | kg lb | *23 150 *52,150 | *23 150 *52,150 | *26 450 *57,350 | 22 150 47,600 | *20 200 *43,650 | 14 350 30,900 | *15 900 *34,300 | 10 500 22,650 | | | *12 550 *27,650 | 8350 18,400 | 8.96 30'0" |
| -4.5 m -15.0 ft | kg lb | *30 700 *66,150 | *30 700 *66,150 | *22 950 *49,500 | 22 500 48,350 | *17 750 *38,150 | 14 550 31,300 | *13 600 *28,850 | 10 700 23,100 | | | *12 650 *27,900 | 10 100 22,500 | 7.84 25'10" |
| -6.0 m -20.0 ft | kg lb | | | *16 900 | *16 900 | *12 600 | *12 600 | | | | | *12 050 *27,350 | *12 050 *27,350 | 6.17 20'0" |



ISO 10567



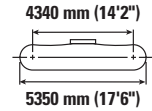
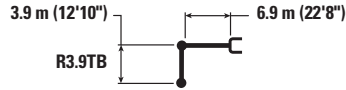
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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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352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|--------------------|------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *7850 *17,400 | *7850 *17,400 | 7.99 25'10" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *7900 | *7900 | *7550 *16,600 | *7550 *16,600 | 9.06 30'0" |
| 6.0 m 20.0 ft | kg lb | | | | | | | *11 850 *25,850 | *11 850 *25,850 | *11 200 19,650 | 9150 19,650 | *7500 *16,450 | *7500 *16,450 | 9.78 32'6" |
| 4.5 m 15.0 ft | kg lb | | | | | *15 250 *32,900 | *15 250 *32,900 | *13 050 *28,350 | 11 850 25,450 | *11 800 *25,700 | 8950 19,200 | *7650 *16,750 | 7300 16,100 | 10.22 34'2" |
| 3.0 m 10.0 ft | kg lb | | | *24 500 *52,650 | 24 000 51,700 | *17 800 *38,400 | 15 650 33,800 | *14 450 *31,350 | 11 350 24,450 | *12 550 *27,250 | 8650 18,650 | *8000 *17,550 | 6900 15,250 | 10.43 34'2" |
| 1.5 m 5.0 ft | kg lb | | | *25 000 *59,350 | 22 550 48,600 | *19 900 *43,900 | 14 900 32,100 | *15 700 *34,000 | 10 900 23,500 | 12 750 27,450 | 8400 18,100 | *8600 *18,900 | 6800 14,950 | 10.42 34'2" |
| 0 m 0 ft | kg lb | *9650 *21,900 | *9650 *21,900 | *24 050 *55,600 | 21 950 47,150 | *21 050 *45,600 | 14 400 31,000 | 16 400 35,250 | 10 550 22,750 | 12 550 27,000 | 8200 17,700 | *9550 *21,050 | 6950 15,250 | 10.18 33'4" |
| -1.5 m -5.0 ft | kg lb | *15 950 *35,950 | *15 950 *35,950 | *28 400 *61,600 | 21 750 46,750 | *21 200 *45,850 | 14 150 30,500 | 16 200 34,800 | 10 400 22,400 | 12 450 26,750 | 8100 17,500 | *11 100 *24,500 | 7350 16,200 | 9.71 32'6" |
| -3.0 m -10.0 ft | kg lb | *23 150 *52,150 | *23 150 *52,150 | *26 450 *57,350 | 21 850 47,000 | *20 200 *43,650 | 14 150 30,450 | *15 900 *34,300 | 10 350 22,350 | | | *12 550 *27,650 | 8200 18,150 | 8.96 30'0" |
| -4.5 m -15.0 ft | kg lb | *30 700 *66,150 | *30 700 *66,150 | *22 950 *49,500 | 22 200 47,750 | *17 750 *38,150 | 14 350 30,900 | *13 600 *28,850 | 10 550 22,750 | | | *12 650 *27,900 | 9950 22,200 | 7.84 25'10" |
| -6.0 m -20.0 ft | kg lb | | | *16 900 | *16 900 | *12 600 | *12 600 | | | | | *12 050 *27,350 | *12 050 | 6.17 20'0" |



ISO 10567



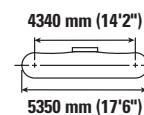
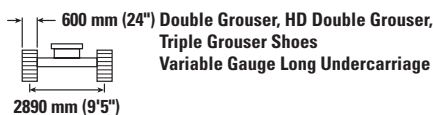
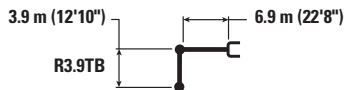
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Lift capacity stays with ±5% for all available track shoes.

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

352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------|--------------------|--------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *7850 *17,400 | *7850 *17,400 | 7.99 25'10" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *7900 | *7900 | *7550 *16,600 | *7550 *16,600 | 9.06 30'0" |
| 6.0 m 20.0 ft | kg lb | | | | | | | *11 850 *25,850 | *11 850 *25,850 | *11 200 9050 | *11 200 9050 | *7500 *16,450 | *7500 *16,450 | 9.78 32'6" |
| 4.5 m 15.0 ft | kg lb | | | | | *15 250 *32,900 | *15 250 *32,900 | *13 050 *28,350 | 11 700 25,150 | *11 800 *25,700 | 8800 18,950 | *7650 *16,750 | 7200 15,850 | 10.22 34'2" |
| 3.0 m 10.0 ft | kg lb | | | *24 500 *52,650 | 23 700 51,100 | *17 800 *38,400 | 15 500 33,350 | *14 450 *31,350 | 11 200 24,100 | *12 550 *27,250 | 8550 18,400 | *8000 *17,550 | 6800 15,000 | 10.43 34'2" |
| 1.5 m 5.0 ft | kg lb | | | *25 000 *59,350 | 22 300 47,950 | *19 900 *43,000 | 14 700 31,700 | *15 700 *34,000 | 10 750 23,150 | 12 600 27,050 | 8300 17,850 | *8600 *18,900 | 6700 14,750 | 10.42 34'2" |
| 0 m 0 ft | kg lb | *9650 *21,900 | *9650 *21,900 | *24 050 *55,600 | 21 650 46,550 | *21 050 *45,600 | 14 200 30,600 | 16 150 34,750 | 10 400 22,450 | 12 350 26,600 | 8100 17,450 | *9550 *21,050 | 6800 15,000 | 10.18 33'4" |
| -1.5 m -5.0 ft | kg lb | *15 950 *35,950 | *15 950 *35,950 | *28 400 *61,600 | 21 450 46,150 | *21 200 *45,850 | 13 950 30,050 | 15 950 34,300 | 10 250 22,050 | 12 250 26,400 | 8000 17,250 | 11 050 24,300 | 7250 15,950 | 9.71 32'6" |
| -3.0 m -10.0 ft | kg lb | *23 150 *52,150 | *23 150 *52,150 | *26 450 *57,350 | 21 550 46,350 | *20 200 *43,650 | 13 950 30,050 | *15 900 34,250 | 10 200 22,000 | | | 12 400 27,400 | 8100 17,900 | 8.96 30'0" |
| -4.5 m -15.0 ft | kg lb | *30 700 *66,150 | *30 700 *66,150 | *22 950 *49,500 | 21 900 47,100 | *17 750 *38,150 | 14 150 30,500 | *13 600 *28,850 | 10 400 22,450 | | | *12 650 *27,900 | 9800 21,900 | 7.84 25'10" |
| -6.0 m -20.0 ft | kg lb | | | *16 900 | *16 900 | *12 600 | *12 600 | | | | | *12 050 *27,350 | *12 050 *27,350 | 6.17 20'0" |



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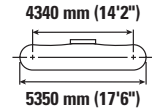
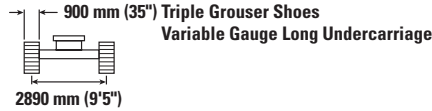
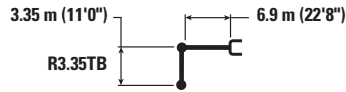
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|--------------------|------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *8950 *19,850 | *8950 *19,850 | 7.45 24'2" |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 050 *26,450 | *12 050 *26,450 | | | *8450 *18,650 | *8450 *18,650 | 8.58 28'4" |
| 6.0 m 20.0 ft | kg lb | | | | | | | *12 700 *27,650 | 12 250 26,350 | *11 200 *21,550 | 9150 19,650 | *8350 *18,350 | *8350 *18,350 | 9.34 30'10" |
| 4.5 m 15.0 ft | kg lb | | | *21 450 *45,900 | *21 450 *45,900 | *16 400 *35,350 | *16 400 *35,350 | *13 850 *30,050 | 11 850 25,550 | *12 400 *27,050 | 9000 19,350 | *8450 *18,600 | 7850 17,350 | 9.80 32'6" |
| 3.0 m 10.0 ft | kg lb | | | *26 400 *56,700 | 23 750 51,300 | *18 800 *40,550 | 15 700 33,850 | *15 150 *32,800 | 11 400 24,600 | *13 050 *28,350 | 8750 18,850 | *8850 *19,450 | 7450 16,400 | 10.02 33'4" |
| 1.5 m 5.0 ft | kg lb | | | *18 500 *44,000 | *18 500 *44,000 | *20 600 *44,550 | 15 000 32,350 | *16 200 *35,100 | 11 050 23,750 | 12 950 *27,850 | 8550 18,400 | *9500 *20,850 | 7350 16,150 | 10.01 33'4" |
| 0 m 0 ft | kg lb | | | *21 500 *49,800 | *21 500 *47,950 | *21 400 *46,300 | 14 600 31,500 | 16 650 35,800 | 10 750 23,150 | 12 750 *27,500 | 8400 18,050 | *10 550 *23,200 | 7500 16,550 | 9.76 32'6" |
| -1.5 m -5.0 ft | kg lb | *15 750 *35,550 | *15 750 *35,550 | *27 800 *60,400 | 22 300 47,850 | *21 100 *45,700 | 14 450 31,150 | 16 500 35,500 | 10 650 22,900 | 12 700 *27,400 | 8350 18,000 | 12 200 *26,950 | 8050 17,700 | 9.27 30'10" |
| -3.0 m -10.0 ft | kg lb | *24 850 *56,100 | *24 850 *56,100 | *25 300 *54,850 | 22 450 48,250 | *19 650 *42,450 | 14 550 31,300 | *15 450 *33,150 | 10 650 23,000 | | | *12 900 *28,450 | 9100 20,200 | 8.47 28'4" |
| -4.5 m -15.0 ft | kg lb | *27 000 *58,150 | *27 000 *58,150 | *21 100 *45,450 | *21 100 *45,450 | *16 500 *35,200 | 14 800 31,900 | | | | | *12 650 *27,850 | 11 400 25,450 | 7.29 24'2" |



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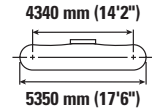
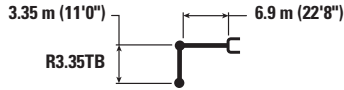
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|----------------|--------------------|------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *8950 *19,850 | *8950 *19,850 | 7.45 24'2" |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 050 *26,450 | *12 050 *26,450 | | | *8450 *18,650 | *8450 *18,650 | 8.58 28'4" |
| 6.0 m 20.0 ft | kg lb | | | | | | | *12 700 *27,650 | 12 100 26,050 | *11 200 *21,550 | 9050 19,400 | *8350 *18,350 | *8350 *18,350 | 9.34 30'10" |
| 4.5 m 15.0 ft | kg lb | | | *21 450 *45,900 | *21 450 *45,900 | *16 400 *35,350 | 16 350 35,200 | *13 850 *30,050 | 11 700 25,250 | *12 400 *27,050 | 8900 19,100 | *8450 *18,600 | 7750 17,100 | 9.80 32'6" |
| 3.0 m 10.0 ft | kg lb | | | *26 400 *56,700 | 23 500 50,650 | *18 800 *40,550 | 15 500 33,400 | *15 150 *32,800 | 11 250 24,300 | 13 000 27,950 | 8650 18,600 | *8850 *19,450 | 7350 16,200 | 10.02 33'4" |
| 1.5 m 5.0 ft | kg lb | | | *18 500 *44,000 | *18 500 *44,000 | *20 600 *44,550 | 14 800 31,950 | *16 200 *35,100 | 10 900 23,450 | 12 750 27,450 | 8450 18,150 | *9500 *20,850 | 7250 15,950 | 10.01 33'4" |
| 0 m 0 ft | kg lb | | | *21 500 *49,800 | *21 500 47,300 | *21 400 *46,300 | 14 400 31,050 | 16 400 35,300 | 10 600 22,850 | 12 600 27,100 | 8250 17,800 | *10 550 *23,200 | 7400 16,300 | 9.76 32'6" |
| -1.5 m -5.0 ft | kg lb | *15 750 *35,550 | *15 750 *35,550 | *27 800 *60,400 | 22 000 47,250 | *21 100 *45,700 | 14 300 30,750 | 16 250 35,000 | 10 500 22,600 | 12 550 27,000 | 8200 17,750 | 12 050 26,600 | 7950 17,450 | 9.27 30'10" |
| -3.0 m -10.0 ft | kg lb | *24 850 *56,100 | *24 850 *56,100 | *25 300 *54,850 | 22 150 47,650 | *19 650 *42,450 | 14 350 30,850 | *15 450 *33,150 | 10 500 22,700 | | | *12 900 *28,450 | 9000 19,900 | 8.47 28'4" |
| -4.5 m -15.0 ft | kg lb | *27 000 *58,150 | *27 000 *58,150 | *21 100 *45,450 | *21 100 *45,450 | *16 500 *35,200 | 14 600 31,500 | | | | | *12 650 *27,850 | 11 250 25,100 | 7.29 24'2" |



ISO 10567



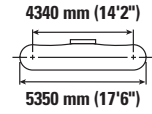
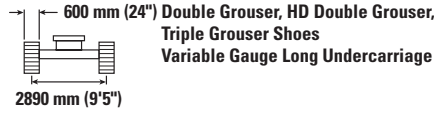
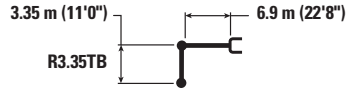
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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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352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|----------------|--------------------|------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *8950 *19,850 | *8950 *19,850 | 7.45 24'2" |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 050 *26,450 | *12 050 *26,200 | | | *8450 *18,650 | *8450 *18,650 | 8.58 28'4" |
| 6.0 m 20.0 ft | kg lb | | | | | | | *12 700 *27,650 | 11 950 25,750 | *11 200 *21,550 | 8950 19,150 | *8350 *18,350 | *8350 *18,350 | 9.34 30'10" |
| 4.5 m 15.0 ft | kg lb | | | *21 450 *45,900 | *21 450 *45,900 | *16 400 *35,350 | 16 150 34,800 | *13 850 *30,050 | 11 550 24,900 | *12 400 *27,050 | 8750 18,850 | *8450 *18,600 | 7650 16,850 | 9.80 32'6" |
| 3.0 m 10.0 ft | kg lb | | | *26 400 *56,700 | 23 200 50,000 | *18 800 *40,550 | 15 300 33,000 | *15 150 *32,800 | 11 100 23,950 | 12 800 27,600 | 8550 18,350 | *8850 *19,450 | 7250 15,950 | 10.02 33'4" |
| 1.5 m 5.0 ft | kg lb | | | *18 500 *44,000 | *18 500 *44,000 | *20 600 *44,550 | 14 600 31,550 | *16 200 *35,100 | 10 750 23,150 | 12 600 27,050 | 8300 17,900 | *9500 *20,850 | 7150 15,700 | 10.01 33'4" |
| 0 m 0 ft | kg lb | | | *21 500 *49,800 | *21 500 46,650 | *21 400 *46,300 | 14 250 30,650 | 16 200 34,800 | 10 450 22,550 | 12 400 26,700 | 8150 17,550 | *10 550 *23,200 | 7300 16,100 | 9.76 32'6" |
| -1.5 m -5.0 ft | kg lb | *15 750 *35,550 | *15 750 *35,550 | *27 800 *60,400 | 21 700 46,600 | *21 100 *45,700 | 14 100 30,300 | 16 050 34,500 | 10 350 22,250 | 12 350 26,650 | 8100 17,500 | 11 900 26,200 | 7800 17,200 | 9.27 30'10" |
| -3.0 m -10.0 ft | kg lb | *24 850 *56,100 | *24 850 *56,100 | *25 300 *54,850 | 21 900 47,000 | *19 650 *42,450 | 14 150 30,450 | *15 450 *33,150 | 10 400 22,400 | | | *12 900 *28,450 | 8850 19,600 | 8.47 28'4" |
| -4.5 m -15.0 ft | kg lb | *27 000 *58,150 | *27 000 *58,150 | *21 100 *45,450 | *21 100 *45,450 | *16 500 *35,200 | 14 400 31,050 | | | | | *12 650 *27,850 | 11 100 24,750 | 7.29 24'2" |



ISO 10567



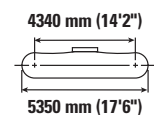
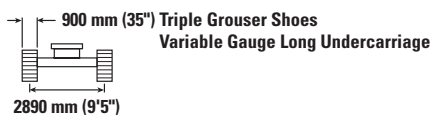
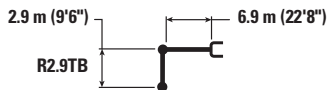
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Lift capacity stays with ±5% for all available track shoes.

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352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| Reach (m/ft) | Unit | 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 | kg/lb | kg/lb | kg/lb | kg/lb | kg/lb | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *10 650 *23,650 | *10 650 *23,650 | 6.88 22'6" |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 850 *28,250 | 12 350 26,500 | | | *10 000 *22,100 | *10 000 *22,100 | 8.09 26'8" |
| 6.0 m 20.0 ft | kg lb | | | | | *15 050 *32,550 | *15 050 *32,550 | *13 350 *29,100 | 12 150 26,100 | | | *9850 *21,700 | 9250 20,550 | 8.89 29'2" |
| 4.5 m 15.0 ft | kg lb | | | *23 100 *49,450 | *23 100 *49,450 | *17 250 *37,200 | 16 350 35,200 | *14 400 *31,300 | 11 750 25,350 | *12 900 *28,150 | 8950 19,200 | *10 050 *22,050 | 8350 18,500 | 9.38 30'10" |
| 3.0 m 10.0 ft | kg lb | | | *17 500 *45,400 | *17 500 *45,400 | *19 500 *42,050 | 15 550 33,500 | *15 600 *33,800 | 11 350 24,450 | 13 150 28,250 | 8750 18,800 | *10 500 *23,100 | 7950 17,450 | 9.61 31'8" |
| 1.5 m 5.0 ft | kg lb | | | *13 950 *34,000 | *13 950 *34,000 | *21 050 *45,500 | 14 950 32,200 | *16 550 *35,800 | 11 000 23,700 | 12 950 27,850 | 8550 18,400 | *11 350 *24,950 | 7800 17,200 | 9.60 31'8" |
| 0 m 0 ft | kg lb | | | *20 300 *47,250 | *20 300 *47,250 | *21 500 *46,550 | 14 600 31,500 | 16 650 35,800 | 10 750 23,200 | 12 800 27,550 | 8450 18,150 | 12 150 26,800 | 8050 17,650 | 9.34 30'10" |
| -1.5 m -5.0 ft | kg lb | *16 200 *36,650 | *16 200 *36,650 | *26 950 *58,600 | 22 400 48,150 | *20 850 *45,150 | 14 550 31,300 | *16 500 *35,600 | 10 700 23,050 | | | 13 200 29,050 | 8650 19,100 | 8.82 29'2" |
| -3.0 m -10.0 ft | kg lb | *27 700 *62,650 | *27 700 *62,650 | *24 100 *52,200 | 22 650 48,700 | *18 950 *40,950 | 14 650 31,550 | *14 800 *31,650 | 10 800 23,300 | | | *13 400 *29,500 | 10 000 22,100 | 7.98 26'8" |
| -4.5 m -15.0 ft | kg lb | | | *19 300 *41,350 | *19 300 *41,350 | *15 050 *31,900 | 15 000 *31,900 | | | | | *12 800 *28,050 | *12 800 *28,050 | 6.70 21'8" |



ISO 10567



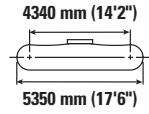
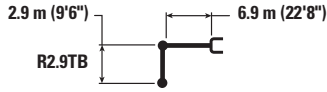
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Lift capacity stays with ±5% for all available track shoes.

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

352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|--------------------|--------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *10 650 *23,650 | *10 650 *23,650 | 6.88 22'6" |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 850 *28,250 | 12 200 26,150 | | | *10 000 *22,100 | *10 000 *22,100 | 8.09 26'8" |
| 6.0 m 20.0 ft | kg lb | | | | | *15 050 *32,550 | *15 050 *32,550 | *13 350 *29,100 | 12 000 25,800 | | | *9850 *21,700 | 9150 20,250 | 8.89 29'2" |
| 4.5 m 15.0 ft | kg lb | | | *23 100 *49,450 | *23 100 *49,450 | *17 250 *37,200 | 16 150 34,800 | *14 400 *31,300 | 11 600 25,000 | *12 900 *28,150 | 8800 18,950 | *10 050 *22,050 | 8250 18,250 | 9.38 30'10" |
| 3.0 m 10.0 ft | kg lb | | | *17 500 *45,400 | *17 500 *45,400 | *19 500 *42,050 | 15 350 33,050 | *15 600 *33,800 | 11 200 24,150 | 12 950 27,900 | 8600 18,550 | *10 500 *23,100 | 7800 17,200 | 9.61 31'8" |
| 1.5 m 5.0 ft | kg lb | | | *13 950 *34,000 | *13 950 *34,000 | *21 050 *45,500 | 14 750 31,750 | *16 550 *35,800 | 10 850 23,400 | 12 750 27,450 | 8450 18,150 | *11 350 *24,950 | 7700 16,950 | 9.60 31'8" |
| 0 m 0 ft | kg lb | | | *20 300 *47,250 | *20 300 *47,250 | *21 500 *46,550 | 14 400 31,050 | 16 400 35,300 | 10 600 22,900 | 12 600 27,200 | 8300 17,900 | 12 000 26,400 | 7900 17,400 | 9.34 30'10" |
| -1.5 m -5.0 ft | kg lb | *16 200 *36,650 | *16 200 *36,650 | *26 950 *58,600 | 22 100 47,500 | *20 850 *45,150 | 14 350 30,900 | 16 350 35,150 | 10 550 22,700 | | | 13 000 28,650 | 8550 18,800 | 8.82 29'2" |
| -3.0 m -10.0 ft | kg lb | *27 700 *62,650 | *27 700 *62,650 | *24 100 *52,200 | 22 350 48,050 | *18 950 *40,950 | 14 450 31,150 | *14 800 *31,650 | 10 650 23,000 | | | *13 400 *29,500 | 9850 21,800 | 7.98 26'8" |
| -4.5 m -15.0 ft | kg lb | | | *19 300 *41,350 | *19 300 *41,350 | *15 050 *31,900 | 14 800 *31,900 | | | | | *12 800 *28,050 | 12 750 *28,050 | 6.70 21'8" |



ISO 10567



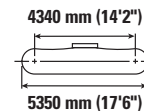
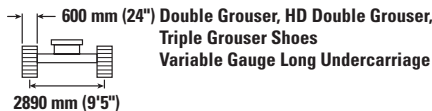
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|--------------------|--------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *10 650 *23,650 | *10 650 *23,650 | 6.88 22'6" |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 850 *28,250 | 12 050 25,850 | | | *10 000 *22,100 | *10 000 *22,100 | 8.09 26'8" |
| 6.0 m 20.0 ft | kg lb | | | | | *15 050 *32,550 | *15 050 *32,550 | *13 350 *29,100 | 11 850 25,500 | | | *9850 *21,700 | 9000 20,000 | 8.89 29'2" |
| 4.5 m 15.0 ft | kg lb | | | *23 100 *49,450 | *23 100 *49,450 | *17 250 *37,200 | 15 950 34,400 | *14 400 *31,300 | 11 450 24,700 | *12 900 *27,950 | 8700 18,700 | *10 050 *22,050 | 8150 18,000 | 9.38 30'10" |
| 3.0 m 10.0 ft | kg lb | | | *17 500 *45,400 | *17 500 *45,400 | *19 500 *42,050 | 15 150 32,650 | *15 600 *33,800 | 11 050 23,800 | 12 800 27,500 | 8500 18,300 | *10 500 *23,100 | 7700 17,000 | 9.61 31'8" |
| 1.5 m 5.0 ft | kg lb | | | *13 950 *34,000 | *13 950 *34,000 | *21 050 *45,500 | 14 550 31,350 | 16 450 35,400 | 10 700 23,050 | 12 550 27,050 | 8300 17,900 | *11 350 *24,950 | 7600 16,700 | 9.60 31'8" |
| 0 m 0 ft | kg lb | | | *20 300 *47,250 | *20 300 *46,750 | *21 500 *46,550 | 14 200 30,650 | 16 200 34,850 | 10 450 22,550 | 12 450 26,800 | 8200 17,650 | 11 800 *26,050 | 7800 17,200 | 9.34 30'10" |
| -1.5 m -5.0 ft | kg lb | *16 200 *36,650 | *16 200 *36,650 | *26 950 *58,600 | 21 850 46,900 | *20 850 *45,150 | 14 150 30,450 | 16 100 34,650 | 10 400 22,400 | | | 12 800 *28,250 | 8400 18,550 | 8.82 29'2" |
| -3.0 m -10.0 ft | kg lb | *27 700 *62,650 | *27 700 *62,650 | *24 100 *52,200 | 22 050 47,450 | *18 950 *40,950 | 14 250 30,700 | *14 800 *31,650 | 10 500 22,650 | | | *13 400 *29,500 | 9700 21,500 | 7.98 26'8" |
| -4.5 m -15.0 ft | kg lb | | | *19 300 *41,350 | *19 300 *41,350 | *15 050 *31,900 | 14 600 31,550 | | | | | *12 800 *28,050 | 12 600 *28,050 | 6.70 21'8" |



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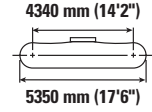
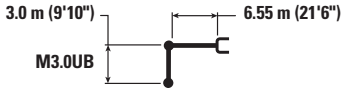
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-----------------------|---------------------------|---------------------------|-----------------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *10 700 | *10 700 | 6.50 |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 300 *23,500 | 12 100 *23,500 | | | *9900 *21,950 | *9900 *21,950 | 7.78 25'10" |
| 6.0 m 20.0 ft | kg lb | | | | | *31,300 | *31,300 | *13 050 *28,500 | 11 900 25,600 | | | *9700 *21,350 | 9450 21,050 | 8.61 28'4" |
| 4.5 m 15.0 ft | kg lb | | | *21 400 *45,900 | *21 400 *45,900 | *16 450 *35,550 | 16 250 35,000 | *14 000 *30,400 | 11 550 24,850 | *11 300 | 8650 | *9850 *21,650 | 8450 18,700 | 9.11 30'0" |
| 3.0 m 10.0 ft | kg lb | | | *26 100 *56,100 | 23 400 50,450 | *18 700 *40,350 | 15 350 33,100 | *15 100 *32,800 | 11 100 23,900 | 12 850 27,650 | 8450 18,100 | *10 300 *22,650 | 7950 17,550 | 9.34 30'10" |
| 1.5 m 5.0 ft | kg lb | | | *22 700 *54,400 | 22 250 47,900 | *20 350 *44,000 | 14 650 31,600 | *16 050 *34,800 | 10 700 23,050 | 12 650 27,200 | 8250 17,700 | *11 150 *24,500 | 7800 17,200 | 9.33 30'10" |
| 0 m 0 ft | kg lb | | | *26 650 *61,750 | 21 850 47,000 | *21 000 *45,450 | 14 250 30,700 | 16 350 35,150 | 10 450 22,450 | 12 500 | 8100 | 12 400 27,300 | 8050 17,700 | 9.07 30'0" |
| -1.5 m -5.0 ft | kg lb | *18 950 *42,800 | *18 950 *42,800 | *26 950 *58,500 | 21 850 46,950 | *20 450 *44,250 | 14 100 30,400 | *16 000 *34,550 | 10 350 22,250 | | | *13 450 *29,650 | 8700 19,200 | 8.53 28'4" |
| -3.0 m -10.0 ft | kg lb | *30 750 *67,650 | *30 750 *67,650 | *23 950 *51,850 | 22 100 47,450 | *18 500 *39,850 | 14 250 30,650 | *14 000 | 10 450 | | | *13 500 *29,700 | 10 200 22,600 | 7.66 25'0" |
| -4.5 m -15.0 ft | kg lb | | | *18 650 *39,850 | *18 650 *39,850 | *13 950 *29,150 | *13 950 *29,150 | | | | | *12 800 *28,050 | *12 800 *28,050 | 6.31 20'10" |



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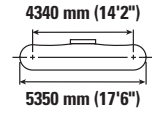
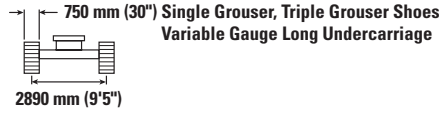
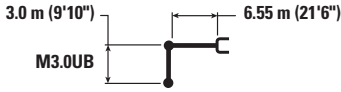
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|----------------|--------------------|--------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *10 700 | *10 700 | 6.50 |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 300 *23,500 | 11 950 *23,500 | | | *9900 *21,950 | *9900 *21,950 | 7.78 25'10" |
| 6.0 m 20.0 ft | kg lb | | | | | *31,300 | *31,300 | *13 050 *28,500 | 11 750 25,300 | | | *9700 *21,350 | 9350 20,750 | 8.61 28'4" |
| 4.5 m 15.0 ft | kg lb | | | *21 400 *45,900 | *21 400 *45,900 | *16 450 *35,550 | 16 050 34,550 | *14 000 *30,400 | 11 400 24,500 | *11 300 | 8500 | *9850 *21,650 | 8350 18,450 | 9.11 30'0" |
| 3.0 m 10.0 ft | kg lb | | | *26 100 *56,100 | 23 100 49,850 | *18 700 *40,350 | 15 150 32,700 | *15 100 *32,800 | 10 950 23,550 | 12 700 27,250 | 8300 17,850 | *10 300 *22,650 | 7850 17,300 | 9.34 30'10" |
| 1.5 m 5.0 ft | kg lb | | | *22 700 *54,400 | 21 950 47,250 | *20 350 *44,000 | 14 450 31,150 | *16 050 *34,800 | 10 550 22,700 | 12 450 26,800 | 8100 17,450 | *11 150 *24,500 | 7700 16,950 | 9.33 30'10" |
| 0 m 0 ft | kg lb | | | *26 650 *61,750 | 21 550 46,350 | *21 000 *45,450 | 14 050 30,250 | 16 100 34,650 | 10 300 22,150 | 12 350 | 8000 | 12 200 26,900 | 7900 17,450 | 9.07 30'0" |
| -1.5 m -5.0 ft | kg lb | *18 950 *42,800 | *18 950 *42,800 | *26 950 *58,500 | 21 550 46,300 | *20 450 *44,250 | 13 900 30,000 | 16 000 34,450 | 10 200 21,950 | | | 13 300 29,350 | 8600 18,950 | 8.53 28'4" |
| -3.0 m -10.0 ft | kg lb | *30 750 *67,650 | *30 750 *67,650 | *23 950 *51,850 | 21 800 46,850 | *18 500 *39,850 | 14 050 30,250 | *14 000 | 10 300 | | | *13 500 *29,700 | 10 050 22,300 | 7.66 25'0" |
| -4.5 m -15.0 ft | kg lb | | | *18 650 *39,850 | *18 650 *39,850 | *13 950 *29,150 | *13 950 *29,150 | | | | | *12 800 *28,050 | *12 800 *28,050 | 6.31 20'10" |



ISO 10567



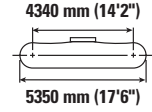
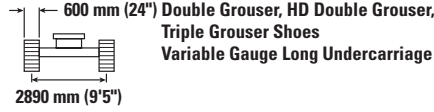
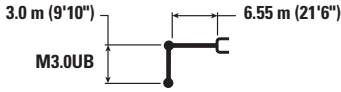
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 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/in | | |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|----------------|--------------------|--------------------|----------------|
| | | | | | | | | | | | | | | |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *10 700 | *10 700 | 6.50 |
| 7.5 m 25.0 ft | kg lb | | | | | | | *12 300 *23,500 | 11 800 *23,500 | | | *9900 *21,950 | *9900 *21,950 | 7.78 25'10" |
| 6.0 m 20.0 ft | kg lb | | | | | *31,300 | *31,300 | *13 050 *28,500 | 11 600 25,000 | | | *9700 *21,350 | 9200 20,500 | 8.61 28'4" |
| 4.5 m 15.0 ft | kg lb | | | *21 400 *45,900 | *21 400 *45,900 | *16 450 *35,550 | 15 850 34,150 | *14 000 *30,400 | 11 250 24,200 | *11 300 | 8400 | *9850 *21,650 | 8250 18,200 | 9.11 30'0" |
| 3.0 m 10.0 ft | kg lb | | | *26 100 *56,100 | 22 800 49,200 | *18 700 *40,350 | 14 950 32,250 | *15 100 *32,800 | 10 800 23,250 | 12 500 26,900 | 8200 17,600 | *10 300 *22,650 | 7750 17,050 | 9.34 30'10" |
| 1.5 m 5.0 ft | kg lb | | | *22 700 *54,400 | 21 650 46,600 | *20 350 *44,000 | 14 250 30,750 | *16 050 *34,800 | 10 400 22,400 | 12 300 26,450 | 8000 17,200 | *11 150 *24,500 | 7600 16,700 | 9.33 30'10" |
| 0 m 0 ft | kg lb | | | *26 650 *61,750 | 21 250 45,700 | *21 000 *45,450 | 13 850 29,850 | 15 900 34,150 | 10 150 21,850 | 12 150 | 7900 | 12 050 26,500 | 7800 17,150 | 9.07 30'0" |
| -1.5 m -5.0 ft | kg lb | *18 950 *42,800 | *18 950 *42,800 | *26 950 *58,500 | 21 250 45,650 | *20 450 *44,250 | 13 750 29,550 | 15 750 33,950 | 10 050 21,650 | | | 13 100 28,950 | 8450 18,650 | 8.53 28'4" |
| -3.0 m -10.0 ft | kg lb | *30 750 *67,650 | *30 750 *67,650 | *23 950 *51,850 | 21 500 46,200 | *18 500 *39,850 | 13 850 29,800 | *14 000 | 10 150 | | | *13 500 *29,700 | 9900 22,000 | 7.66 25'0" |
| -4.5 m -15.0 ft | kg lb | | | *18 650 *39,850 | *18 650 *39,850 | *13 950 *29,150 | *13 950 *29,150 | | | | | *12 800 *28,050 | *12 800 *28,050 | 6.31 20'10" |



ISO 10567



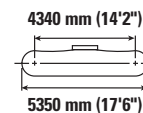
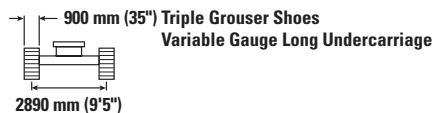
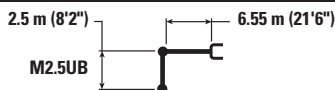
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








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

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

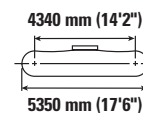
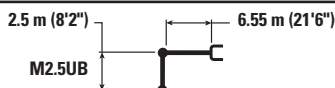
352 Hydraulic Excavator Specifications












Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 3.0 m/10.0 ft | | 4.5 m/15.0 ft | | 6.0 m/20.0 ft | | 7.5 m/25.0 ft | |  | | m ft/in |
|--------------------|----------|---|---|---|---|---|---|--|---|---|---|---------------|
| | |  |  |  |  |  |  |  |  |  |  | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *12 950 *28,700 | 12 700 28,600 | 7.22 23'4" |
| 6.0 m 20.0 ft | kg lb | | | | | *15 500 *33,600 | *15 500 *33,600 | *13 900 *30,400 | 11 800 25,400 | *12 650 *27,900 | 10 400 23,100 | 8.11 26'8" |
| 4.5 m 15.0 ft | kg lb | | | *23 300 *49,850 | *23 300 *49,850 | *17 450 *37,700 | 16 050 34,650 | *14 700 *31,950 | 11 500 24,700 | *12 850 *28,300 | 9200 20,350 | 8.64 28'4" |
| 3.0 m 10.0 ft | kg lb | | | | | *19 500 *42,100 | 15 250 32,900 | *15 700 *34,000 | 11 100 23,850 | 13 100 28,950 | 8600 19,000 | 8.89 29'2" |
| 1.5 m 5.0 ft | kg lb | | | *39,800 | *39,800 | *20 850 *45,150 | 14 650 31,550 | *16 450 *35,600 | 10 750 23,100 | 13 000 28,600 | 8450 18,650 | 8.87 29'2" |
| 0 m 0 ft | kg lb | | | *25 150 *58,900 | 22 050 47,300 | *21 100 *45,700 | 14 350 30,850 | 16 450 35,350 | 10 500 22,650 | 13 500 29,700 | 8750 19,300 | 8.60 28'4" |
| -1.5 m -5.0 ft | kg lb | *19 600 *44,600 | *19 600 *44,600 | *26 000 *56,500 | 22 100 47,500 | *20 150 *43,600 | 14 300 30,750 | *15 700 *33,800 | 10 500 22,650 | *14 250 *31,350 | 9600 21,200 | 8.03 26'8" |
| -3.0 m -10.0 ft | kg lb | *27 450 *59,750 | *27 450 *59,750 | *22 450 *48,600 | 22 450 48,200 | *17 550 *37,750 | 14 500 31,200 | | | *14 050 *30,900 | 11 550 25,650 | 7.09 23'4" |

Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 3.0 m/10.0 ft | | 4.5 m/15.0 ft | | 6.0 m/20.0 ft | | 7.5 m/25.0 ft | |  | | m ft/in |
|--------------------|----------|---|---|---|---|---|---|--|---|---|---|---------------|
| | |  |  |  |  |  |  |  |  |  |  | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *12 950 *28,700 | 12 550 28,250 | 7.22 23'4" |
| 6.0 m 20.0 ft | kg lb | | | | | *15 500 *33,600 | *15 500 *33,600 | *13 900 *30,400 | 11 650 25,050 | *12 650 *27,900 | 10 250 22,800 | 8.11 26'8" |
| 4.5 m 15.0 ft | kg lb | | | *23 300 *49,850 | *23 300 *49,850 | *17 450 *37,700 | 15 850 34,200 | *14 700 *31,950 | 11 350 24,400 | *12 850 *28,300 | 9050 20,050 | 8.64 28'4" |
| 3.0 m 10.0 ft | kg lb | | | | | *19 500 *42,100 | 15 050 32,450 | *15 700 *34,000 | 10 950 23,550 | 12 950 28,550 | 8500 18,750 | 8.89 29'2" |
| 1.5 m 5.0 ft | kg lb | | | *39,800 | *39,800 | *20 850 *45,150 | 14 450 31,150 | 16 450 35,350 | 10 600 22,800 | 12 800 28,150 | 8350 18,400 | 8.87 29'2" |
| 0 m 0 ft | kg lb | | | *25 150 *58,900 | 21 750 46,700 | *21 100 *45,700 | 14 150 30,450 | 16 200 34,850 | 10 350 22,350 | 13 300 29,300 | 8650 19,000 | 8.60 28'4" |
| -1.5 m -5.0 ft | kg lb | *19 600 *44,600 | *19 600 *44,600 | *26 000 *56,500 | 21 800 46,850 | *20 150 *43,600 | 14 100 30,350 | *15 700 *33,800 | 10 350 22,300 | *14 250 *31,350 | 9500 20,900 | 8.03 26'8" |
| -3.0 m -10.0 ft | kg lb | *27 450 *59,750 | *27 450 *59,750 | *22 450 *48,600 | 22 150 47,550 | *17 550 *37,750 | 14 300 30,800 | | | *14 050 *30,900 | 11 400 25,300 | 7.09 23'4" |



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.

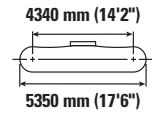
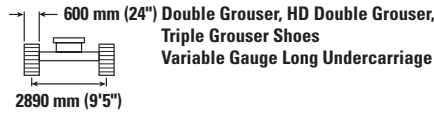
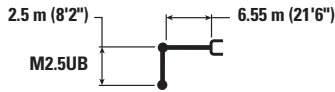
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift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

352 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) – without Bucket, Heavy Lift: On



| | | 3.0 m/10.0 ft | | 4.5 m/15.0 ft | | 6.0 m/20.0 ft | | 7.5 m/25.0 ft | |  | | m ft/in |
|--------------------|----------|---|---|---|---|---|---|--|---|---|---|---------------|
| | |  |  |  |  |  |  |  |  |  |  | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *12 950 *28,700 | 12 400 27,900 | 7.22 23'4" |
| 6.0 m 20.0 ft | kg lb | | | | | *15 500 *33,600 | *15 500 *33,600 | *13 900 *30,400 | 11 500 24,750 | *12 650 *27,900 | 10 100 22,500 | 8.11 26'8" |
| 4.5 m 15.0 ft | kg lb | | | *23 300 *49,850 | *23 300 *49,850 | *17 450 *37,700 | 15 650 33,800 | *14 700 *31,950 | 11 200 24,100 | *12 850 *28,300 | 8950 19,800 | 8.64 28'4" |
| 3.0 m 10.0 ft | kg lb | | | | | *19 500 *42,100 | 14 850 32,050 | *15 700 *34,000 | 10 800 23,250 | 12 750 28,150 | 8400 18,450 | 8.89 29'2" |
| 1.5 m 5.0 ft | kg lb | | | *39,800 | *39,800 | *20 850 *45,150 | 14 250 30,700 | 16 200 34,850 | 10 450 22,500 | 12 600 27,800 | 8250 18,100 | 8.87 29'2" |
| 0 m 0 ft | kg lb | | | *25 150 *58,900 | 21 450 46,050 | *21 100 *45,700 | 13 950 30,050 | 15 950 34,350 | 10 250 22,050 | 13 100 28,850 | 8500 18,750 | 8.60 28'4" |
| -1.5 m -5.0 ft | kg lb | *19 600 *44,600 | *19 600 *44,600 | *26 000 *56,500 | 21 550 46,250 | *20 150 *43,600 | 13 900 29,900 | *15 700 *33,800 | 10 200 22,000 | *14 250 *31,350 | 9350 20,600 | 8.03 26'8" |
| -3.0 m -10.0 ft | kg lb | *27 450 *59,750 | *27 450 *59,750 | *22 450 *48,600 | 21 850 46,950 | *17 550 *37,750 | 14 100 30,350 | | | *14 050 *30,900 | 11 250 24,950 | 7.09 23'4" |



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.

352 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Australia, New Zealand

| | Linkage | Variable Gauge Long Undercarriage | | | | | | | | | | | | | |
|--|---------|-----------------------------------|-----------------|----------|------|--------|-----------------|----------------|----------------------------------|-----------------------------|----------------|-----------------|-----------------------------|--------|--|
| | | 9.0 mt (19,842 lb) Counterweight | | | | | | | | | | | | | |
| | | Width | | Capacity | | Weight | | Fill | Long Reach Boom 7.4 m (24'2") | Reach Boom 6.9 m (22'8") | | | Mass Boom 6.55 m (21'6") | | |
| mm | in | m ³ | yd ³ | kg | lb | % | R4.3 (14'1") | R2.9 (9'6") | R3.35 (11'0") | R3.9 (12'10") | M2.5 (8'2") | M3.0 (9'10") | | | |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | | | | |
| Heavy Duty | TB | 1650 | 65 | 2.41 | 3.15 | 2377 | 5,240 | 100 | ⊖ | ● | ● | ⊙ | | | |
| | TB | 1850 | 72 | 2.69 | 3.52 | 2403 | 5,298 | 100 | ○ | ● | ⊙ | ⊖ | | | |
| Severe Duty | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ⊙ | ● | ● | ● | | | |
| Heavy Duty | UB | 1950 | 77 | 3.43 | 4.48 | 2912 | 6,419 | 100 | | | | | ⊖ | ○ | |
| Severe Duty Spade | UB | 1550 | 61 | 2.61 | 3.41 | 2656 | 5,855 | 90 | | | | | ● | ● | |
| Severe Duty | UB | 1850 | 73 | 3.21 | 4.20 | 2991 | 6,593 | 90 | | | | | ⊙ | ⊖ | |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 5810 | 8025 | 7470 | 6985 | 8535 | 7760 | |
| | | | | | | | | lb | 12,809 | 17,692 | 16,469 | 15,399 | 18,816 | 17,108 | |
| With Cat Pin Grabber Coupler | | | | | | | | | | | | | | | |
| Heavy Duty | TB | 1650 | 65 | 2.41 | 3.15 | 2377 | 5,240 | 100 | ◇ | ⊙ | ⊖ | ⊖ | | | |
| | TB | 1850 | 72 | 2.69 | 3.52 | 2403 | 5,298 | 100 | ◇ | ⊖ | ⊖ | ○ | | | |
| Severe Duty | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ○ | ● | ● | ⊙ | | | |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 4759 | 6976 | 6416 | 5932 | | | |
| | | | | | | | | lb | 10,491 | 15,379 | 14,145 | 13,077 | | | |

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 long 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)

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.

352 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Europe

| | Linkage | Width | | Capacity | | Weight | | Fill | Variable Gauge Long Undercarriage | | | | | |
|--|---------|-------|----|----------------|-----------------|--------|-------|-----------------|-----------------------------------|----------------------------------|-----------------------------|-----------------|-----------------------------|--|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 9.0 mt (19,842 lb) Counterweight | | | | |
| | | | | | | | | | | Long Reach Boom 7.4 m (24'2") | Reach Boom 6.9 m (22'8") | | Mass Boom 6.55 m (21'6") | |
| | | | | | | | | R4.3 (14'1") | R2.9 (9'6") | R3.35 (11'0") | M2.5 (8'2") | M3.0 (9'10") | | |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | | | |
| Heavy Duty | TB | 1650 | 66 | 2.41 | 3.15 | 2220 | 4,894 | 100 | ⊖ | ● | ● | | | |
| | TB | 1850 | 72 | 2.69 | 3.52 | 2349 | 5,179 | 100 | ○ | ● | ⊙ | | | |
| | TB | 1900 | 74 | 2.78 | 3.64 | 2427 | 5,350 | 100 | ○ | ● | ⊙ | | | |
| Severe Duty | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ⊙ | ● | ● | | | |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2479 | 5,464 | 90 | ⊖ | ● | ● | | | |
| Severe Duty – Spade Edge | TB | 1350 | 54 | 1.87 | 2.44 | 2053 | 4,526 | 90 | ● | ● | ● | | | |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2367 | 5,218 | 90 | ⊖ | ● | ● | | | |
| | TB | 1900 | 75 | 2.78 | 3.64 | 2723 | 6,003 | 90 | ○ | ● | ⊙ | | | |
| Extreme Duty | TB | 1700 | 67 | 2.41 | 3.16 | 2722 | 6,000 | 90 | ○ | ● | ● | | | |
| Extreme Duty – Spade Edge | TB | 1950 | 77 | 2.78 | 3.64 | 2974 | 6,556 | 90 | ◇ | ● | ⊙ | | | |
| General Duty | UB | 2000 | 79 | 3.60 | 4.71 | 2890 | 6,371 | 100 | | | | ⊖ | ○ | |
| Heavy Duty | UB | 1850 | 73 | 3.21 | 4.20 | 2758 | 6,079 | 100 | | | | ⊙ | ⊖ | |
| | UB | 1950 | 77 | 3.43 | 4.48 | 2912 | 6,419 | 100 | | | | ⊖ | ○ | |
| Severe Duty | UB | 1550 | 61 | 2.61 | 3.41 | 2658 | 5,859 | 90 | | | | ● | ● | |
| | UB | 1650 | 65 | 2.77 | 3.62 | 2738 | 6,035 | 90 | | | | ● | ● | |
| | UB | 1850 | 73 | 3.21 | 4.20 | 2972 | 6,552 | 90 | | | | ⊙ | ⊖ | |
| | UB | 1950 | 77 | 3.43 | 4.48 | 3106 | 6,847 | 90 | | | | ⊙ | ⊖ | |
| Extreme Duty | UB | 1650 | 65 | 2.77 | 3.62 | 3223 | 7,105 | 90 | | | | ● | ⊙ | |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 5810 | 8025 | 7470 | 8535 | 7760 | |
| | | | | | | | | lb | 12,809 | 17,692 | 16,469 | 18,816 | 17,108 | |
| With Cat Pin Grabber Coupler | | | | | | | | | | | | | | |
| Heavy Duty | TB | 1650 | 66 | 2.41 | 3.15 | 2220 | 4,894 | 100 | ◇ | ⊙ | ⊙ | | | |
| | TB | 1850 | 72 | 2.69 | 3.52 | 2349 | 5,179 | 100 | ◇ | ⊙ | ⊖ | | | |
| | TB | 1900 | 74 | 2.78 | 3.64 | 2427 | 5,350 | 100 | X | ⊖ | ⊖ | | | |
| Severe Duty | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ○ | ● | ● | | | |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2479 | 5,464 | 90 | ◇ | ● | ⊙ | | | |
| Severe Duty – Spade Edge | TB | 1350 | 54 | 1.87 | 2.44 | 2053 | 4,526 | 90 | ⊖ | ● | ● | | | |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2367 | 5,218 | 90 | ◇ | ● | ⊙ | | | |
| | TB | 1900 | 75 | 2.78 | 3.64 | 2723 | 6,003 | 90 | X | ⊖ | ⊖ | | | |
| Extreme Duty | TB | 1700 | 67 | 2.41 | 3.16 | 2722 | 6,000 | 90 | ◇ | ⊙ | ⊖ | | | |
| Extreme Duty – Spade Edge | TB | 1950 | 77 | 2.78 | 3.64 | 2974 | 6,556 | 90 | X | ⊖ | ○ | | | |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 4759 | 6976 | 6416 | | | |
| | | | | | | | | lb | 10,491 | 15,379 | 14,145 | | | |
| With CW Coupler | | | | | | | | | | | | | | |
| Heavy Duty | UB | 1650 | 65 | 2.77 | 3.62 | 2489 | 5,486 | 100 | | | | ⊙ | ⊖ | |
| | UB | 1850 | 73 | 3.21 | 4.20 | 2674 | 5,894 | 100 | | | | ⊖ | ○ | |
| Heavy Duty SKELETON | UB | 1550 | 61 | 2.61 | 3.41 | 3191 | 7,034 | 100 | | | | ⊙ | ⊖ | |
| Severe Duty | UB | 1550 | 61 | 2.61 | 3.41 | 2580 | 5,687 | 90 | | | | ● | ⊙ | |
| | UB | 1650 | 65 | 2.77 | 3.62 | 2660 | 5,863 | 90 | | | | ● | ⊙ | |
| Severe Duty – Spade Edge | UB | 1850 | 73 | 3.21 | 4.20 | 2874 | 6,335 | 90 | | | | ⊖ | ○ | |
| | UB | 1650 | 65 | 2.77 | 3.62 | 2665 | 5,874 | 90 | | | | ● | ⊙ | |
| | UB | 1900 | 75 | 2.78 | 3.64 | 2712 | 5,978 | 90 | | | | ● | ⊖ | |
| Extreme Duty | UB | 1550 | 61 | 2.61 | 3.41 | 3043 | 6,708 | 90 | | | | ⊙ | ⊖ | |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 5055 | 7270 | 6715 | 7716 | 6941 | |
| | | | | | | | | lb | 11,144 | 16,028 | 14,804 | 17,011 | 15,302 | |

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.

Maximum Material Density:

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

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

352 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America

| | Linkage | Width | | Capacity | | Weight | | Fill | Variable Gauge Long Undercarriage | | | | | |
|---|---------|-------|----|----------------|-----------------|--------|-------|-----------------|-----------------------------------|---|-----------------------------|-----------------------------|--------|--------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 8.6 mt (18,960 lb) Counterweight with Removal Device/ 9.0 mt (19,842 lb) Counterweight | | | | |
| | | | | | | | | | | Long Reach Boom 7.4 m (24'2") | Reach Boom 6.9 m (22'8") | Mass Boom 6.55 m (21'6") | | |
| | | | | | | | | R4.3 (14'1") | R3.35 (11'0") | R3.9 (12'10") | M2.5 (8'2") | M3.0 (9'10") | | |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | | | |
| General Duty Capacity | | | | | | | | | | | | | | |
| | TB | 800 | 30 | 0.95 | 1.24 | 1316 | 2,901 | 100 | ● | ● | ● | | | |
| | TB | 900 | 36 | 1.23 | 1.60 | 1447 | 3,190 | 100 | ● | ● | ● | | | |
| | TB | 1050 | 42 | 1.51 | 1.98 | 1624 | 3,580 | 100 | ● | ● | ● | | | |
| | TB | 1200 | 48 | 1.80 | 2.36 | 1777 | 3,918 | 100 | ● | ● | ● | | | |
| | TB | 1350 | 54 | 2.10 | 2.74 | 1893 | 4,173 | 100 | ⊙ | ● | ● | | | |
| | TB | 1500 | 60 | 2.39 | 3.13 | 2046 | 4,511 | 100 | ⊖ | ● | ● | | | |
| | TB | 1700 | 68 | 2.78 | 3.64 | 2233 | 4,923 | 100 | ○ | ⊙ | ⊖ | | | |
| | TB | 1850 | 74 | 3.08 | 4.04 | 2356 | 5,194 | 100 | ◇ | ⊖ | ⊖ | | | |
| General Duty Capacity – Wide Tip | | | | | | | | | | | | | | |
| | TB | 900 | 36 | 1.35 | 1.77 | 1452 | 3,201 | 100 | ● | ● | ● | | | |
| | TB | 1350 | 54 | 2.22 | 2.90 | 1965 | 4,332 | 100 | ⊙ | ● | ● | | | |
| | TB | 1500 | 60 | 2.52 | 3.29 | 2081 | 4,588 | 100 | ⊖ | ● | ⊙ | | | |
| | TB | 1650 | 66 | 2.81 | 3.68 | 2234 | 4,925 | 100 | ○ | ⊙ | ⊖ | | | |
| | TB | 1800 | 72 | 3.11 | 4.07 | 2351 | 5,183 | 100 | ◇ | ⊖ | ⊖ | | | |
| | TB | 1950 | 77 | 3.41 | 4.46 | 2504 | 5,520 | 100 | ◇ | ⊖ | ○ | | | |
| Heavy Duty | | | | | | | | | | | | | | |
| | TB | 900 | 36 | 1.08 | 1.41 | 1600 | 3,527 | 100 | ● | ● | ● | | | |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1689 | 3,724 | 100 | ● | ● | ● | | | |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1852 | 4,083 | 100 | ● | ● | ● | | | |
| | TB | 1350 | 54 | 1.87 | 2.44 | 1979 | 4,363 | 100 | ● | ● | ● | | | |
| | TB | 1500 | 60 | 2.14 | 2.80 | 2143 | 4,724 | 100 | ⊙ | ● | ● | | | |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2307 | 5,086 | 100 | ⊖ | ● | ⊙ | | | |
| | TB | 1800 | 72 | 2.69 | 3.52 | 2437 | 5,373 | 100 | ○ | ⊙ | ⊖ | | | |
| Severe Duty | | | | | | | | | | | | | | |
| | TB | 800 | 30 | 0.88 | 1.15 | 1514 | 3,338 | 90 | ● | ● | ● | | | |
| | TB | 900 | 36 | 1.08 | 1.41 | 1677 | 3,697 | 90 | ● | ● | ● | | | |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1775 | 3,913 | 90 | ● | ● | ● | | | |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1945 | 4,288 | 90 | ● | ● | ● | | | |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2170 | 4,783 | 90 | ● | ● | ● | | | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ⊙ | ● | ● | | | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2369 | 5,222 | 90 | ⊙ | ● | ● | | | |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2509 | 5,531 | 90 | ⊖ | ● | ● | | | |
| | TB | 1850 | 74 | 2.69 | 3.52 | 2709 | 5,972 | 90 | ○ | ⊙ | ⊙ | | | |
| Severe Duty Power Spade | | | | | | | | | | | | | | |
| | TB | 1750 | 69 | 2.40 | 3.14 | 2544 | 5,608 | 90 | ⊖ | ● | ● | | | |
| Severe Duty Spade | | | | | | | | | | | | | | |
| | TB | 1900 | 75 | 2.78 | 3.64 | 2723 | 6,003 | 90 | ○ | ⊙ | ⊖ | | | |
| Extreme Duty | | | | | | | | | | | | | | |
| | TB | 1250 | 49 | 1.60 | 2.09 | 2194 | 4,836 | 90 | ● | ● | ● | | | |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2334 | 5,145 | 90 | ● | ● | ● | | | |
| Extreme Duty Power Spade | | | | | | | | | | | | | | |
| | TB | 1550 | 61 | 2.00 | 2.59 | 2562 | 5,647 | 90 | ⊙ | ● | ● | | | |
| Clean Up | | | | | | | | | | | | | | |
| | TB | 2000 | 78 | 2.80 | 3.66 | 2036 | 4,489 | 100 | ○ | ⊙ | ⊙ | | | |
| Heavy Duty | | | | | | | | | | | | | | |
| | UB | 1650 | 65 | 2.77 | 3.62 | 2573 | 5,672 | 100 | | | | ● | ⊙ | |
| | UB | 1850 | 73 | 3.21 | 4.20 | 2758 | 6,079 | 100 | | | | ⊙ | ⊖ | |
| | UB | 1950 | 77 | 3.43 | 4.48 | 2912 | 6,419 | 100 | | | | ⊖ | ○ | |
| Severe Duty | | | | | | | | | | | | | | |
| | UB | 1850 | 73 | 3.21 | 4.20 | 2972 | 6,552 | 90 | | | | ⊙ | ⊖ | |
| Extreme Duty | | | | | | | | | | | | | | |
| | UB | 1600 | 63 | 2.61 | 3.41 | 3106 | 6,847 | 90 | | | | ● | ⊙ | |
| | UB | 1600 | 63 | 2.66 | 3.48 | 3217 | 7,091 | 90 | | | | ● | ⊙ | |
| Maximum load with pin-on (payload + bucket) | | | | | | | | | kg | 5810 | 7470 | 6985 | 8535 | 7760 |
| | | | | | | | | | lb | 12,809 | 16,469 | 15,399 | 18,816 | 17,108 |

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 long 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)

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)

352 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | Variable Gauge Long Undercarriage | | | |
|--|---------|-------|----|----------------|-----------------|--------|-------|-----------------|-----------------------------------|---|-----------------------------|--|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 8.6 mt (18,960 lb) Counterweight with Removal Device/ 9.0 mt (19,842 lb) Counterweight | | |
| | | | | | | | | | | Long Reach Boom 7.4 m (24'2") | Reach Boom 6.9 m (22'8") | |
| | | | | | | | | R4.3 (14'1") | R3.35 (11'0") | R3.9 (12'10") | | |
| With Cat Pin Grabber Coupler | | | | | | | | | | | | |
| General Duty Capacity | TB | 800 | 30 | 0.95 | 1.24 | 1316 | 2,901 | 100 | ● | ● | ● | |
| | TB | 900 | 36 | 1.23 | 1.60 | 1447 | 3,190 | 100 | ● | ● | ● | |
| | TB | 1050 | 42 | 1.51 | 1.98 | 1624 | 3,580 | 100 | ● | ● | ● | |
| | TB | 1200 | 48 | 1.80 | 2.36 | 1777 | 3,918 | 100 | ⊖ | ● | ● | |
| | TB | 1350 | 54 | 2.10 | 2.74 | 1893 | 4,173 | 100 | ○ | ● | ⊙ | |
| | TB | 1500 | 60 | 2.39 | 3.13 | 2046 | 4,511 | 100 | ◇ | ⊙ | ⊖ | |
| | TB | 1700 | 68 | 2.78 | 3.64 | 2233 | 4,923 | 100 | ◇ | ⊖ | ○ | |
| General Duty Capacity – Wide Tip | TB | 900 | 36 | 1.35 | 1.77 | 1452 | 3,201 | 100 | ● | ● | ● | |
| | TB | 1350 | 54 | 2.22 | 2.90 | 1965 | 4,332 | 100 | ○ | ● | ⊙ | |
| | TB | 1500 | 60 | 2.52 | 3.29 | 2081 | 4,588 | 100 | ◇ | ⊙ | ⊖ | |
| | TB | 1650 | 66 | 2.81 | 3.68 | 2234 | 4,925 | 100 | ◇ | ⊖ | ○ | |
| | TB | 1800 | 72 | 3.11 | 4.07 | 2351 | 5,183 | 100 | X | ○ | ○ | |
| Heavy Duty | TB | 900 | 36 | 1.08 | 1.41 | 1600 | 3,527 | 100 | ● | ● | ● | |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1689 | 3,724 | 100 | ● | ● | ● | |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1852 | 4,083 | 100 | ⊙ | ● | ● | |
| | TB | 1350 | 54 | 1.87 | 2.44 | 1979 | 4,363 | 100 | ⊖ | ● | ● | |
| | TB | 1500 | 60 | 2.14 | 2.80 | 2143 | 4,724 | 100 | ○ | ● | ⊙ | |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2307 | 5,086 | 100 | ◇ | ⊖ | ⊖ | |
| | TB | 1800 | 72 | 2.69 | 3.52 | 2437 | 5,373 | 100 | ◇ | ⊖ | ○ | |
| Heavy Duty – Pin Grabber Performance | TB | 1200 | 48 | 1.49 | 1.95 | 1935 | 4,266 | 100 | ⊙ | ● | ● | |
| | TB | 1350 | 54 | 1.74 | 2.27 | 2070 | 4,563 | 100 | ⊖ | ● | ● | |
| | TB | 1500 | 60 | 1.98 | 2.59 | 2242 | 4,943 | 100 | ○ | ● | ⊙ | |
| | TB | 1650 | 66 | 2.23 | 2.91 | 2413 | 5,320 | 100 | ◇ | ⊙ | ⊖ | |
| | TB | 1900 | 74 | 2.56 | 3.34 | 2595 | 5,721 | 100 | X | ⊖ | ○ | |
| Severe Duty | TB | 800 | 30 | 0.88 | 1.15 | 1514 | 3,338 | 90 | ● | ● | ● | |
| | TB | 900 | 36 | 1.08 | 1.41 | 1677 | 3,697 | 90 | ● | ● | ● | |
| | TB | 1050 | 42 | 1.34 | 1.75 | 1775 | 3,913 | 90 | ● | ● | ● | |
| | TB | 1200 | 48 | 1.60 | 2.09 | 1945 | 4,288 | 90 | ⊙ | ● | ● | |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2170 | 4,783 | 90 | ⊖ | ● | ● | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ○ | ● | ⊙ | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2369 | 5,222 | 90 | ○ | ● | ⊙ | |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2509 | 5,531 | 90 | ◇ | ⊙ | ⊖ | |
| | TB | 1850 | 74 | 2.69 | 3.52 | 2709 | 5,972 | 90 | X | ⊖ | ○ | |
| Severe Duty Power Spade | TB | 1750 | 69 | 2.40 | 3.14 | 2544 | 5,608 | 90 | ◇ | ⊙ | ⊖ | |
| Severe Duty Spade | TB | 1900 | 75 | 2.78 | 3.64 | 2723 | 6,003 | 90 | X | ⊖ | ○ | |
| Extreme Duty | TB | 1250 | 49 | 1.60 | 2.09 | 2194 | 4,836 | 90 | ⊙ | ● | ● | |
| | TB | 1400 | 55 | 1.87 | 2.44 | 2334 | 5,145 | 90 | ⊖ | ● | ● | |
| Extreme Duty Power Spade | TB | 1550 | 61 | 2.00 | 2.59 | 2562 | 5,647 | 90 | ○ | ● | ⊙ | |
| Clean Up | TB | 2000 | 78 | 2.80 | 3.66 | 2036 | 4,489 | 100 | ◇ | ⊖ | ○ | |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 4759 | 6416 | 5932 | |
| | | | | | | | | lb | 10,491 | 14,145 | 13,077 | |

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 long tips.

Maximum Material Density:

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

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

352 Hydraulic Excavator Specifications

Attachments Offering Guide – Australia, New Zealand

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

Match

* Working range front only

No Match

PIN-ON ATTACHMENTS

| Undercarriage | | L-VG | | | | | |
|------------------------------------|-----------|--------------------|-------------------|-------------------|-----------------|------------------|------------------|
| Counterweight | | 9.0 mt (19,842 lb) | | | | | |
| Boom Type | | Reach | | | ME | | Long Reach |
| Stick Length | | 2.9 m (9'6") | 3.35 m (11'0") | 3.9 m (12'10") | 2.5 m (8'2") | 3.0 m (9'10") | 4.3 m (14'1") |
| Hydraulic Hammers | H160 GC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | | ✓ | ✓ | |
| | H180 GC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | | ✓ | ✓ | |
| Demolition and Sorting Grapples | G345 | | | | ✓ | ✓ | |
| Mobile Scrap and Demolition Shears | S3050 | | | | ✓ | ✓ | |

CAT PIN GRABBER COUPLER ATTACHMENTS

| Undercarriage | | L-VG | | | | | |
|-------------------|-----------|--------------------|-------------------|-------------------|-----------------|------------------|------------------|
| Counterweight | | 9.0 mt (19,842 lb) | | | | | |
| Boom Type | | Reach | | | ME | | Long-Reach |
| Stick Length | | 2.9 m (9'6") | 3.35 m (11'0") | 3.9 m (12'10") | 2.5 m (8'2") | 3.0 m (9'10") | 4.3 m (14'1") |
| Hydraulic Hammers | H160 GC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | | | | |
| | H180 GC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓* |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | | | | | |

BOOM-MOUNT ATTACHMENTS

| Undercarriage | | L-VG | | | | | |
|------------------------------------|-------|--------------------|--|--|------------|--|---|
| Counterweight | | 9.0 mt (19,842 lb) | | | | | |
| Boom Type | | ME | | | Long-Reach | | |
| Mobile Scrap and Demolition Shears | S2090 | | | | ✓ | | ✓ |
| | S3070 | | | | ✓ | | ✓ |
| | S3090 | | | | ✓ | | ✓ |

352 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

* Working range front only

No Match

PIN-ON ATTACHMENTS

| Undercarriage | | L-VG | | | | |
|------------------------------------|---------------------------|--------------------|-------------------|-----------------|------------------|------------------|
| Counterweight | | 9.0 mt (19,842 lb) | | | | |
| Boom Type | | Reach | | ME | | Long Reach |
| Stick Length | | 2.9 m (9'6") | 3.35 m (11'0") | 2.5 m (8'2") | 3.0 m (9'10") | 4.3 m (14'1") |
| Hydraulic Hammers | H160 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | ✓ | ✓ | |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | ✓ | ✓ | |
| Multi-Processors | MP345 Concrete Cutter Jaw | | | ✓ | ✓ | |
| | MP345 Demolition Jaw | | | ✓ | ✓ | |
| | MP345 Pulverizer Jaw | | | ✓ | ✓ | |
| | MP345 Shear Jaw | | | ✓ | ✓ | |
| | MP365 Concrete Cutter Jaw | | | ✓ | ✓ | |
| | MP365 Demolition Jaw | | | ✓ | ✓ | |
| | MP365 Pulverizer Jaw | | | ✓ | ✓* | |
| | MP365 Shear Jaw | | | ✓ | ✓ | |
| Demolition and Sorting Grapples | G345 | | | ✓ | ✓ | |
| Mobile Scrap and Demolition Shears | S3050 | | | ✓ | ✓ | |
| | S3050 Flat Top | | | ✓ | ✓ | |
| Pulverizers | P235 | | | ✓ | ✓ | |
| Crushers | P335 | | | ✓ | ✓ | |
| Crushers | P360 | | | ✓ | ✓ | |

CAT PIN GRABBER COUPLER ATTACHMENTS

| Undercarriage | | L-VG | | | | |
|------------------------------------|----------------|--------------------|-------------------|-----------------|------------------|------------------|
| Counterweight | | 9.0 mt (19,842 lb) | | | | |
| Boom Type | | Reach | | ME | | Long Reach |
| Stick Length | | 2.9 m (9'6") | 3.35 m (11'0") | 2.5 m (8'2") | 3.0 m (9'10") | 4.3 m (14'1") |
| Hydraulic Hammers | H160 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | | | |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | | | |
| Mobile Scrap and Demolition Shears | S3050 Flat Top | | | ✓ | | |

(continued on next page)

352 Hydraulic Excavator Specifications

Attachments Offering Guide – Europe (continued)

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

Match * Working range front only No Match

CW-55 DEDICATED COUPLER ATTACHMENTS

| Undercarriage | | L-VG | |
|------------------------------------|---------------------------|--------------------|---------------|
| Counterweight | | 9.0 mt (19,842 lb) | |
| Boom Type | | ME | |
| Stick Length | | 2.5 m (8'2") | 3.0 m (9'10") |
| Hydraulic Hammers | H160 S | ✓ | ✓ |
| | H180 S | ✓ | ✓ |
| Multi-Processors | MP345 Concrete Cutter Jaw | ✓ | ✓ |
| | MP345 Demolition Jaw | ✓ | ✓ |
| | MP345 Pulverizer Jaw | ✓ | ✓ |
| | MP345 Shear Jaw | ✓ | ✓ |
| | MP365 Concrete Cutter Jaw | ✓* | |
| | MP365 Shear Jaw | ✓* | |
| Demolition and Sorting Grapples | G345 | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3050 | ✓ | ✓ |
| | S3050 Flat Top | ✓ | ✓ |
| Pulverizers | P235 | ✓ | ✓ |
| Crushers | P335 | ✓ | ✓ |
| | P360 | ✓ | ✓* |

BOOM-MOUNT ATTACHMENTS

| Undercarriage | | L-VG | |
|------------------------------------|-------|--------------------|------------|
| Counterweight | | 9.0 mt (19,842 lb) | |
| Boom Type | | ME | Long-Reach |
| Mobile Scrap and Demolition Shears | S2090 | ✓ | ✓ |
| | S3070 | ✓ | ✓ |
| | S3090 | ✓ | ✓ |

352 Hydraulic Excavator Specifications

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

No Match

PIN-ON ATTACHMENTS

| Undercarriage | | L-VG | | | | H-VG |
|------------------------------------|---------------------------|--------------------|-------------------|-----------------|------------------|---------------------|
| Counterweight | | 9.0 mt (19,842 lb) | | | | 12.0 mt (26,455 lb) |
| Boom Type | | Reach | | ME | | Long Reach |
| Stick Length | | 3.35 m (11'0") | 3.9 m (12'10") | 2.5 m (8'2") | 3.0 m (9'10") | 4.3 m (14'1") |
| | | | | | | LRE |
| Hydraulic Hammers | H160 GC | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | ✓ | ✓ | |
| | H180 GC | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | ✓ | ✓ | |
| Multi-Processors | MP345 Concrete Cutter Jaw | | | ✓ | ✓ | |
| | MP345 Demolition Jaw | | | ✓ | ✓ | |
| | MP345 Pulverizer Jaw | | | ✓ | ✓ | |
| | MP345 Shear Jaw | | | ✓ | ✓ | |
| | MP365 Concrete Cutter Jaw | | | ✓ | ✓ | |
| | MP365 Demolition Jaw | | | ✓ | ✓ | |
| | MP365 Pulverizer Jaw | | | ✓ | ✓* | |
| | MP365 Shear Jaw | | | ✓ | ✓ | |
| Demolition and Sorting Grapples | G345 | | | ✓ | ✓ | |
| Mobile Scrap and Demolition Shears | S3050 | | | ✓ | ✓ | |
| | S3050 Flat Top | | | ✓ | ✓ | |
| Pulverizers | P235 | | | ✓ | ✓ | |
| Mulchers | HM4015 | | | | | ✓ |

(continued on next page)

352 Hydraulic Excavator Specifications

Attachments Offering Guide – North America (continued)

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

Match * Working range front only No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

| Undercarriage | | L-VG | | | | H-VG |
|------------------------------------|---------------------------|--------------------|-------------------|-----------------|------------------|---------------------|
| Counterweight | | 9.0 mt (19,842 lb) | | | | 12.0 mt (26,455 lb) |
| Boom Type | | Reach | | ME | Long Reach | LRE |
| Stick Length | | 3.35 m (11'0") | 3.9 m (12'10") | 2.5 m (8'2") | 3.0 m (9'10") | 4.3 m (14'1") |
| | | | | | | LRE |
| Hydraulic Hammers | H160 GC | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | ✓ | ✓ | |
| | H180 GC | ✓ | ✓ | ✓ | ✓ | ✓* |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | ✓ | ✓ | |
| Multi-Processors | MP345 Concrete Cutter Jaw | | | ✓ | ✓ | |
| | MP345 Demolition Jaw | | | ✓ | ✓ | |
| | MP345 Pulverizer Jaw | | | ✓ | ✓ | |
| | MP345 Shear Jaw | | | ✓ | ✓ | |
| | MP365 Concrete Cutter Jaw | | | ✓* | | |
| Demolition and Sorting Grapples | G345 | | | ✓ | ✓ | |
| Mobile Scrap and Demolition Shears | S3050 | | | ✓ | ✓ | |
| | S3050 Flat Top | | | ✓ | | |
| Pulverizers | P235 | | | ✓ | ✓ | |
| Mulchers | HM4015 | | | | | ✓ |

BOOM-MOUNT ATTACHMENTS

| Undercarriage | | L-VG | |
|------------------------------------|-------|--------------------|------------|
| Counterweight | | 9.0 mt (19,842 lb) | |
| Boom Type | | ME | Long-Reach |
| Mobile Scrap and Demolition Shears | S2090 | ✓ | ✓ |
| | S3070 | ✓ | ✓ |
| | S3090 | ✓ | ✓ |

352 Standard and Optional Equipment

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|---|----------------|----------------|--|----------|----------------|
| ENGINE | | | UNDERCARRIAGE AND STRUCTURES | | |
| Cold start block heaters | | ✓ | Towing eye on base frame | ✓ | |
| Three selectable modes: Power, Smart, Eco | ✓ | | Full-length track guiding guards | | ✓ |
| Automatic engine speed control | ✓ | | Segmented track guiding guards | | ✓ |
| Up to 4500 m (14,760 ft) altitude capability | ✓ | | Swivel guard | | ✓ |
| 52° C (126° F) high-ambient cooling capacity | ✓ | | Grease lubricated track | ✓ | |
| Hydraulic reverse fan | ✓ ¹ | ✓ ² | 8.6 mt (18,960 lb) counterweight with removal device | | ✓ ³ |
| -18° C (0° F) cold start capability | ✓ | | 9.0 mt (19,842 lb) counterweight | | ✓ |
| -32° C (-25° F) cold start capability | | ✓ | 600 mm (24") double grouser track shoes | | ✓ |
| Double element air filter with integrated precleaner | ✓ | | 600 mm (24") HD double grouser track shoes | | ✓ |
| 115 amp alternator | ✓ | | 600 mm (24") triple grouser track shoes | | ✓ |
| Single plane three horizontal cooling system | ✓ | | 750 mm (30") single grouser track shoes | | ✓ |
| Dual stage 5.5 micron primary filter and 4.4 micron 2nd/3rd filters | ✓ | | 750 mm (30") triple grouser track shoes | | ✓ |
| Secure start with PIN code | ✓ | | 900 mm (35") triple grouser track shoes | | ✓ |
| Remote disable | ✓ | | BOOMS, STICKS AND LINKAGES | | |
| Biodiesel capability up to B20 | ✓ | | 6.55 m (21'6") Mass boom | | ✓ |
| HYDRAULIC SYSTEM | | | 6.9 m (22'8") Reach boom | | ✓ |
| Boom and stick regeneration circuit | ✓ | | 7.4 m (24'2") Long Reach boom | | ✓ |
| Electronic main control valve | ✓ | | 2.5 m (8'2") stick | | ✓ |
| Heavy lift mode | ✓ | | 2.9 m (9'6") stick | | ✓ |
| Automatic hydraulic oil warm up | ✓ | | 3.0 m (9'10") stick | | ✓ |
| Automatic swing parking brake | ✓ | | 3.35 m (11'0") stick | | ✓ |
| High performance hydraulic return filter | ✓ | | 3.9 m (12'10") stick | | ✓ |
| Two speed travel | ✓ | | 4.3 m (14'1") stick | | ✓ |
| Bio hydraulic oil capability | ✓ | | Bucket Linkage, TB family with lifting eye, Cat GRADE | | ✓ |
| Fine swing | | ✓ | Bucket Linkage, UB family with lifting eye, Cat GRADE | | ✓ |
| Combined two-way auxiliary circuit | | ✓ | Bucket Linkage, UB family without lifting eye, Cat GRADE | | ✓ |
| Medium-pressure auxiliary circuit | | ✓ | | | |
| Quick coupler circuit | | ✓ | | | |
| Advanced Tool Control | | ✓ | | | |

(continued on next page)

¹Standard in North America.

²Optional in Australia and New Zealand and Europe.

³North America only.

Standard and Optional Equipment (continued)

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

| | Standard | Optional | | Standard | Optional |
|--|----------|----------|--|----------|----------------|
| ELECTRICAL SYSTEM | | | SERVICE AND MAINTENANCE | | |
| Maintenance-free 1,000 CCA batteries (×4) | ✓ | | Grouped location of engine oil and fuel filters | ✓ | |
| Centralized electrical disconnect switch | ✓ | | Scheduled Oil Sampling (S·O·S SM) ports | ✓ | |
| LED chassis light, LH and RH boom lights, cab lights | ✓ | | QuickEvac TM maintenance ready | | ✓ ⁴ |
| Premium surround lighting package | | ✓ | Electric refueling pump | | ✓ |
| CAT TECHNOLOGY | | | SAFETY AND SECURITY | | |
| Cat Product Link TM | ✓ | | Caterpillar One Key security system | ✓ | |
| Work tool recognition | ✓ | | Lockable external tool/storage box | ✓ | |
| Work tool tracking* | ✓ | | Lockable door, fuel, and hydraulic tank locks | ✓ | |
| Cat GRADE with 2D | ✓ | | Lockable fuel drain compartment | ✓ | |
| Cat GRADE with Advanced 2D | | ✓ | Service platform with anti-skid plate and recessed bolts | ✓ | |
| Cat GRADE with 3D connectivity: | | ✓ | RH handrail and hand hold (ISO 2867:2011 compliant) | ✓ | |
| – Virtual Reference Station** | | | Standard visibility mirror package | ✓ | |
| – Internet Base Service Station** | | | Signaling/warning horn | ✓ | |
| – Trimble Connected Community** | | | Ground-level secondary engine shutoff switch | ✓ | |
| Cat Assist: | ✓ | | Boom lowering check valve | | ✓ |
| – Boom Assist | | | Stick lowering check valve | | ✓ |
| – Bucket Assist | | | Rear and right-hand-side cameras | ✓ | |
| – Swing Assist | | | 360° visibility | | ✓ |
| – Grade Assist | | | | | |
| – Lift Assist | | | | | |
| Cat PAYLOAD: | ✓ | | | | |
| – Static weigh | | | | | |
| – Auto calibration | | | | | |
| – Payload/cycle information | | | | | |
| – USB reporting capability | | | | | |
| E-Fence: | ✓ | | | | |
| – E-ceiling | | | | | |
| – E-floor | | | | | |
| – E-swing | | | | | |
| – E-wall | | | | | |
| – E-cab avoidance | | | | | |
| Auto hammer stop | ✓ | | | | |
| Remote Services capability | ✓ | | | | |

*Paired with PL161 attachment locator.

**Subscription required.

⁴Optional in Europe.

Not available in North America.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Lower radial wiper
- Polycarbonate roof hatch
- LH/RH electrical pedal for tool control

SAFETY AND SECURITY

- Bluetooth® key fob
- Dual exit rear window kit

GUARDS

- Rain protector plus cab light cover
- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front
- Full protecting vandalism guard
- Rain protector for front windshield with cab light cover

Cab Options

| | Deluxe | Premium |
|--|--------|---------|
| Sound suppressed ROPS cab | ● | ● |
| High-resolution 254 mm (10") LCD touchscreen monitor | ● | ● |
| High-resolution 254 mm (10") LCD touchscreen monitor + additional monitor (only for use with 360° visibility and Cat GRADE with Advanced 2D or Cat GRADE with 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 | ● | ● |
| Heated seat with air-adjustable suspension | ● | X |
| Heated and cooled seat with automatic adjustable suspension | X | ● |
| 51 mm (2") orange seat belt | ● | ● |
| Tilt-up left-side console | ● | ● |
| Bluetooth integrated radio with USB ports | ● | ● |
| 12V DC outlets (×2) | ● | ● |
| Document storage | ● | ● |
| Cup and bottle holders | ● | ● |
| Openable two-piece front window | ● | ● |
| Radial wiper with washer | ● | X |
| Parallel wiper with washer | X | ● |
| Openable polycarbonate skylight hatch | ● | ● |
| LED dome and lower interior lights | ● | ● |
| Roller rear sunscreen | ○ | ● |
| Rear window emergency exit | ● | ● |
| Washable floor mat | ● | ● |
| Beacon ready | ● | ● |

- Standard
- Optional
- X Not available



352

Long Reach Hydraulic Excavator*

The Cat 352 Long Reach Excavator combines premium performance and simple-to-use technology with steep slope capability reaching out to 19.6 m (64 ft) and dig depth of 13.04 m (43 ft). Standard waterproof technology provides precision excavation down to 4.5 m (15 ft); an optional submarine solution allows you to work down to 20 m (66 ft). Heavy duty high wide undercarriage and extra counterweight provide a stable platform for long reach digging. Variable gauge undercarriage enables easier transportation between jobsites when retracted and adds stability when extended.

High Performance with Low Fuel Consumption

- Increase operating efficiency up to 45 percent with standard Cat technologies that lower operator fatigue and operating costs, including fuel consumption and daily maintenance.
- Three power modes, Power, Smart and Eco, match the excavator to the job. Smart mode automatically matches engine and hydraulic power to digging conditions, providing max power when needed and reducing power when it isn't to help save fuel.
- The high efficiency hydraulic fan cools the engine on demand to help reduce fuel consumption; available reverse function makes it easy to keep cores clean.

Cat Technologies Boost Efficiency and Productivity

- Boost productivity up to 45 percent versus traditional grading with standard Cat GRADE with 2D system – including indicate-only and laser capability.
- Standard Cat PAYLOAD on-board weighing system: Achieve precise load targets and increase loading efficiency with on-the-go weighing and real-time estimates of your payload without swinging.
- Combine Payload with VisionLink® and remotely manage your production targets.
- Upgrade to optional Cat GRADE with 3D: Create and edit grade designs with ease on a second high-resolution 254 mm (10 in) touchscreen monitor.
- Remote Troubleshoot connects you to a dealer service pro to help solve your problem and quickly get you to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.

Safety

- Standard 2D E-Fence integrated right out of the factory prevents the excavator from moving outside of operator-defined set points.
- A ground-level shutoff switch stops all fuel to the engine when activated and shuts down the machine.
- Rear and right-hand sideview cameras are standard. Upgrade to 360° visibility and you'll easily visualize objects and personnel around the excavator in a single view.

Work in Comfort

- Choose between Deluxe and Premium cabs – both with automatic climate control.
- Stay warm with the Deluxe seat; stay warm and cool with the Premium seat.
- Use the standard radio's USB ports and Bluetooth technology to connect personal devices and make hands-free calls.

Simple Operation

- Start the engine with a push button; use a Bluetooth key fob, smartphone app, or the unique Operator ID function.
- Program each joystick button, including power mode, response, and pattern, using Operator ID; the machine will remember what you set each time you go to work.
- Not sure how a function works or how to maintain the excavator? Always have the operator's manual at your fingertips in the touchscreen monitor.
- The Cat PL161 Attachment Locator can help you find tools, track work time, and plan maintenance and replacement. Your Cat App will locate the device automatically.

Maintenance

- Track your excavator's filter life and maintenance intervals via the in-cab monitor.
- Change all fuel filters at a synchronized 1,000 hours. Oil and fuel filters grouped and located on right-hand side of machine for easy maintenance.
- The new air intake filter with precleaner has double the dust holding capacity of the previous air intake filter.
- The new hydraulic oil filter provides improved filtration performance anti-drain valves to keep oil clean when the filter is replaced, and longer life with a 3,000 hour replacement interval – 50 percent longer than previous filter designs.

*Available in North America and Europe only.



352 Long Reach Hydraulic Excavator Specifications

Engine

| | | |
|--------------------------|---------|---------------------|
| Engine Model | Cat C13 | |
| Net Power – ISO 9249 | 316 kW | 424 hp |
| Engine Power – ISO 14396 | 317 kW | 425 hp |
| Bore | 130 mm | 5 in |
| Stroke | 157 mm | 6 in |
| Displacement | 12.5 L | 763 in ³ |

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 2600 m (8,530 ft).
- Net power is tested per ISO 9249. Standards 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 1,800 rpm.

Swing Mechanism

| | | |
|----------------------|----------|----------------|
| Swing Speed | 5.8 rpm | |
| Maximum Swing Torque | 187 kN·m | 138,000 lbf-ft |

Weights

| | | |
|------------------|-----------|------------|
| Operating Weight | 58 400 kg | 128,800 lb |
|------------------|-----------|------------|

- Variable Gauge High Wide undercarriage, LRE boom, LRE8.5B (279") stick, HD 1.19 m³ (1.56 yd³) bucket, 900 mm (35") triple grouser shoes, 12.0 mt (26,455 lb) counterweight.

Track

| | | |
|---------------------------------------|--------|-------|
| Track Shoes Width | 900 mm | 35 in |
| Track Shoes Width | 750 mm | 30 in |
| Track Shoes Width | 600 mm | 24 in |
| Number of Shoes (each side) | 52 | |
| Number of Track Rollers (each side) | 9 | |
| Number of Carrier Rollers (each side) | 3 | |

Drive

| | | |
|----------------------|----------|------------|
| Gradeability | 35°/70% | |
| Maximum Travel Speed | 4.8 km/h | 3.0 mph |
| Maximum Drawbar Pull | 329 kN | 73,962 lbf |

Hydraulic System

| | | |
|--|---------------------------------|-----------------------------------|
| Main System – Maximum Flow – Implement | 779 L/min (389 × 2 pumps) | 206 gal/min (103 × 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 | 26 000 kPa | 3,771 psi |
| Boom Cylinder – Bore | 170 mm | 7 in |
| Boom Cylinder – Stroke | 1524 mm | 60 in |
| Stick Cylinder – Bore | 190 mm | 7 in |
| Stick Cylinder – Stroke | 1758 mm | 69 in |
| Bucket Cylinder – Bore | 120 mm | 5 in |
| Bucket Cylinder – Stroke | 1104 mm | 43 in |

Service Refill Capacities

| | | |
|---|--------|-----------|
| Fuel Tank Capacity | 715 L | 188.9 gal |
| Cooling System | 52 L | 13.7 gal |
| Engine Oil (with filter) | 40 L | 10.6 gal |
| Swing Drive | 10.5 L | 2.8 gal |
| Final Drive (each) | 15 L | 4.0 gal |
| Hydraulic System (including tank) | 550 L | 145.3 gal |
| Hydraulic Tank (including suction pipe) | 217 L | 57.3 gal |
| DEF Tank | 46 L | 12.2 gal |

352 Long Reach Hydraulic Excavator Specifications

Standards

| | |
|---------------------|----------------|
| Brakes | ISO 10265:2008 |
| Cab/FOGS (optional) | ISO 10262:1998 |

Sound Performance

| | |
|-----------------------|-----------|
| ISO 6395 (external) | 108 dB(A) |
| ISO 6396 (inside cab) | 72 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 tonnes.

352 Long Reach Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 600 mm (24") Triple Grouser Shoes | | 600 mm (24") Double Grouser Shoes | | 750 mm (30") Triple Grouser Shoes | | 900 mm (35") Triple Grouser Shoes | |
|--|--------------------------------------|-----------------|--------------------------------------|-----------------|--------------------------------------|-----------------|--------------------------------------|-----------------|
| | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure |
| | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) | kg (lb) | kPa (psi) |
| Base Frame with Single Flange Track Rollers and Carrier Rollers | | | | | | | | |
| 12.0 mt (26,455 lb) Counterweight + Variable Gauge High Wide Undercarriage Base Machine | | | | | | | | |
| LRE Boom + LRE 8.5 m (27'11") Stick + 1.19 m ³ (1.56 yd ³) HD Bucket | 56 900 (125,500) | 98.9 (14.3) | 57 100 (125,800) | 99.2 (14.4) | 57 700 (127,200) | 80.4 (11.7) | 58 400 (128,800) | 67.8 (9.8) |

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

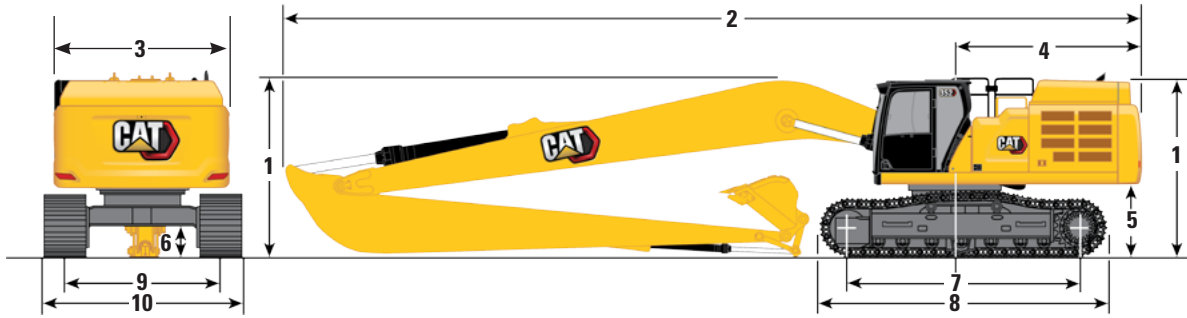
Major Component Weights

| | kg | lb |
|--|--------|--------|
| Base Machine Weight with 12.0 mt (26,455 lb) counterweight, LRE swing frame, boom cylinders, base frame with single flange track rollers and carrier rollers | 40 030 | 38,360 |
| Track Shoes: | | |
| 600 mm (24") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes | 5290 | 11,660 |
| 600 mm (24") Width, 15.5 mm (0.6") Thick, Double Grouser Track Shoes | 5410 | 11,920 |
| 750 mm (30") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes | 6040 | 13,310 |
| 900 mm (35") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes | 6770 | 14,930 |
| Two Boom Cylinders | 870 | 1,920 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 630 | 1,390 |
| Counterweight: | | |
| 12.0 mt (26,455 lb) Counterweight | 12 000 | 26,460 |
| Swing Frame: | | |
| LRE Swing Frame | 4340 | 9,570 |
| Variable Gauge High Wide Undercarriage: | | |
| Base Frame with SF Track Rollers and Carrier Rollers | 14 090 | 31,060 |
| Booms (including lines, pins, stick cylinder): | | |
| LRE Boom 11.5 m (37'9") | 6510 | 14,360 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| LRE Stick 8.5 m (27'11") | 3600 | 7,930 |
| Buckets (without linkage): | | |
| 1.19 m ³ (1.56 yd ³) HD for B1 Linkage | 890 | 1,960 |
| Quick Couplers: | | |
| CW Dedicated QC CB without Pins | 250 | 550 |
| Pin Grabber QC CB without Pins | 380 | 840 |

352 Long Reach Hydraulic Excavator Specifications

Dimensions

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



Boom Option

**LRE Boom
11.5 m (37'9")**

Stick Option

**LRE Stick
LR8.5B1 (27'11")**

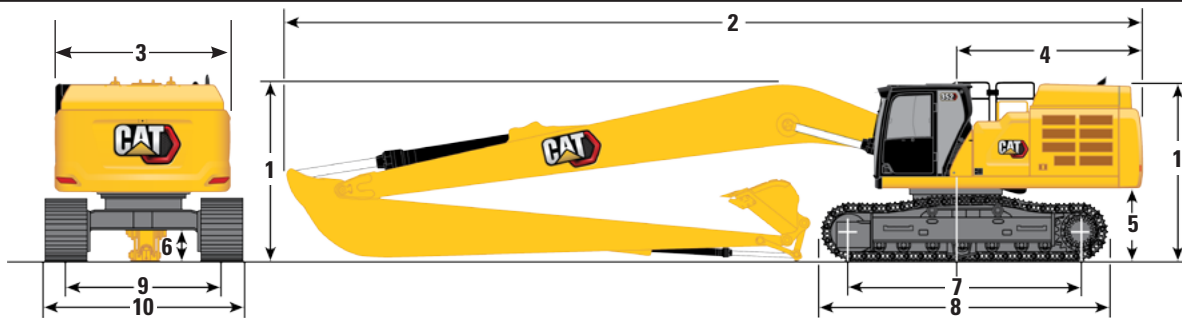
| | | |
|---|---------------------|----------------------|
| 1 Machine Height: | | |
| Cab Height | 3390 mm | 11'1" |
| FOGS Height | 3540 mm | 11'7" |
| Guardrails/Handrails Height | 3540 mm | 11'7" |
| With Boom/Stick/Bucket Installed | 3740 mm | 12'3" |
| With Boom/Stick Installed | 3740 mm | 12'3" |
| With Boom Installed | 3410 mm | 11'2" |
| With Boom/Stick/Bucket Installed (with Auxiliary Lines) | 3780 mm | 12'4" |
| With Boom/Stick Installed (with Auxiliary Lines) | 3780 mm | 12'4" |
| With Boom Installed (with Auxiliary Lines) | 3460 mm | 11'4" |
| 2 Machine Length: | | |
| With Boom/Stick/Bucket Installed | 16 450 mm | 53'11" |
| With Boom/Stick Installed | 16 450 mm | 53'11" |
| With Boom Installed | 15 310 mm | 50'2" |
| With Boom/Stick/Bucket Installed (with Auxiliary Lines) | 16 450 mm | 53'11" |
| With Boom/Stick Installed (with Auxiliary Lines) | 16 450 mm | 53'11" |
| With Boom Installed (with Auxiliary Lines) | 15 310 mm | 50'2" |
| 3 Upperframe Width without Walkways | 3020 mm | 9'10" |
| 4 Tail Swing Radius | 3760 mm | 12'4" |
| 5 Counterweight Clearance without Shoe Lug | 1445 mm | 4'8" |
| 6 Ground Clearance without Shoe Lug | 710 mm | 2'3" |
| 7 Length to Center of Rollers | 4340 mm | 14'2" |
| Bucket Type | HD | |
| Bucket Capacity | 1.19 m ³ | 1.56 yd ³ |
| Bucket Tip Radius | 1573 mm | 5'1" |

(continued on next page)

352 Long Reach Hydraulic Excavator Specifications

Dimensions *(continued)*

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



Boom Option

LRE Boom
11.5 m (37'9")

Stick Option

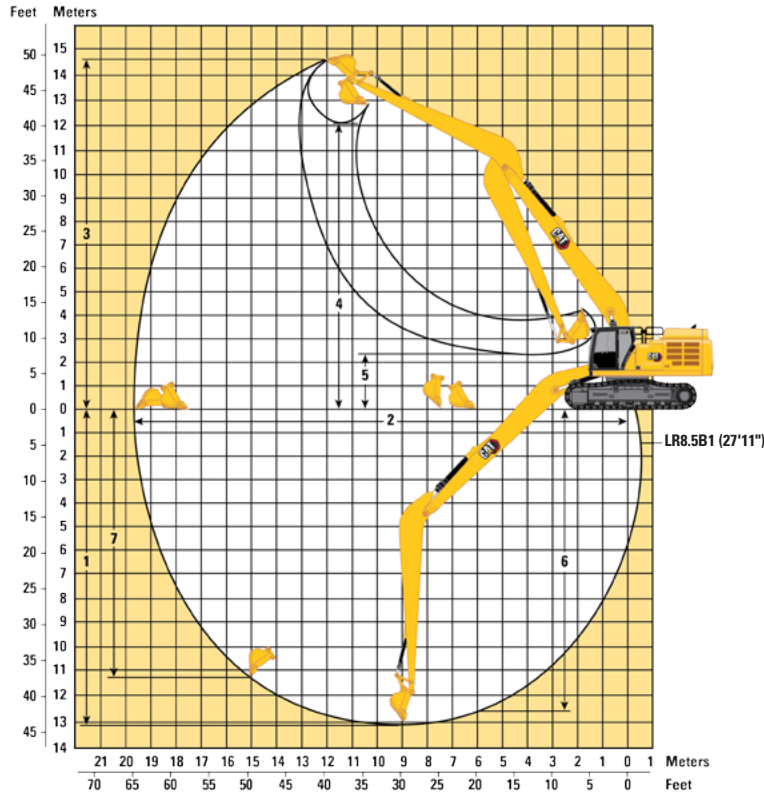
LRE Stick
LR8.5B1 (27'11")

| | | |
|---|---------------------|----------------------|
| 8 Track Length | 5350 mm | 17'6" |
| 9 Track Gauge: | | |
| Retracted | 3220 mm | 10'6" |
| Extended | 3720 mm | 12'2" |
| 10 Undercarriage Width (with steps): Retracted | | |
| 600 mm (24") Shoes | 4010 mm | 13'1" |
| 750 mm (30") Shoes | 4010 mm | 13'1" |
| 900 mm (35") Shoes | 4120 mm | 13'6" |
| Undercarriage Width (with steps): Extended | | |
| 600 mm (24") Shoes | 4510 mm | 14'9" |
| 750 mm (30") Shoes | 4510 mm | 14'9" |
| 900 mm (35") Shoes | 4620 mm | 15'1" |
| Bucket Type | HD | |
| Bucket Capacity | 1.19 m ³ | 1.56 yd ³ |
| Bucket Tip Radius | 1573 mm | 5'1" |

352 Long Reach Hydraulic Excavator Specifications

Working Ranges and Forces

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



Boom Option

**LRE Boom
11.5 m (37'9")**

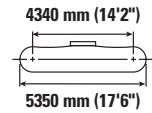
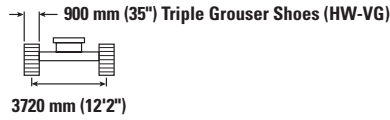
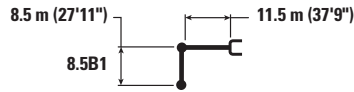
Stick Option














**LRE Stick
LR8.5B1 (27'11")**

| | | |
|--|---------------------|----------------------|
| 1 Maximum Digging Depth | 13 040 mm | 42'9" |
| 2 Maximum Reach at Ground Line | 19 640 mm | 64'5" |
| 3 Maximum Cutting Height | 14 700 mm | 48'2" |
| 4 Maximum Loading Height | 12 030 mm | 39'5" |
| 5 Minimum Loading Height | 2250 mm | 7'4" |
| 6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom | 12 970 mm | 42'6" |
| 7 Maximum Vertical Wall Digging Depth | 11 280 mm | 37'0" |
| Bucket Digging Force (ISO) | 141 kN | 31,700 lbf |
| Stick Digging Force (ISO) | 104 kN | 23,380 lbf |
| Bucket Type | HD | |
| Bucket Capacity | 1.19 m ³ | 1.56 yd ³ |
| Bucket Tip Radius | 1573 mm | 5'1" |

352 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 12.0 mt (26,455 lb) – without Bucket, Heavy Lift: On



| | | 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/in |
|---------------------|----------|---|---|---|---|---|---|---|--|---|---|---|---|-----------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 14.41 47'6" |
| 12.0 m 40.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 15.46 50'10" |
| 10.5 m 35.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 16.30 53'4" |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 16.97 55'10" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 17.49 57'6" |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *3000 | *3000 | 17.86 59'2" |
| 4.5 m 15.0 ft | kg lb | | | | | | | | | | | *3150 | *3150 | 18.10 60'0" |
| 3.0 m 10.0 ft | kg lb | | | *13 150 *31,600 | *13 150 *31,600 | *15 650 *33,700 | *15 650 *33,700 | *12 150 *26,150 | *12 150 *26,150 | *9950 *21,500 | *9950 *21,500 | *3300 *7,200 | *3300 *7,200 | 18.21 60'0" |
| 1.5 m 5.0 ft | kg lb | | | *7650 *17,650 | *7650 *17,650 | *17 050 *36,850 | *17 050 *36,850 | *13 050 *28,200 | *13 050 *28,200 | *10 600 *22,900 | *10 600 *22,900 | *3500 *7,700 | *3500 *7,700 | 18.19 60'0" |
| 0 m 0 ft | kg lb | *4050 *9,100 | *4050 *9,100 | *7100 *16,050 | *7100 *16,050 | *13 250 *30,400 | *13 250 *30,400 | *13 700 *29,650 | *13 400 *28,850 | *11 100 *23,950 | *10 450 *22,550 | *3800 *8,300 | *3600 *7,950 | 18.06 59'2" |
| -1.5 m -5.0 ft | kg lb | *5400 *12,050 | *5400 *12,050 | *7700 *17,300 | *7700 *17,300 | *12 250 *27,850 | *12 250 *27,850 | *14 000 *30,350 | 12 650 27,250 | *11 400 *24,600 | 9900 21,300 | *4150 *9,100 | 3600 7,950 | 17.79 58'4" |
| -3.0 m -10.0 ft | kg lb | *6750 *15,050 | *6750 *15,050 | *8750 *19,650 | *8750 *19,650 | *12 600 *28,500 | *12 600 *28,500 | *14 000 *30,300 | 12 200 26,300 | 11 250 24,200 | 9500 20,450 | 4400 9,650 | 3700 8,100 | 17.39 57'6" |
| -4.5 m -15.0 ft | kg lb | *8100 *18,100 | *8100 *18,100 | *10 050 *22,550 | *10 050 *22,550 | *13 550 *30,700 | *13 550 *30,700 | *13 700 *29,600 | 12 000 25,800 | 11 000 23,700 | 9250 19,950 | 4550 10,050 | 3850 8,450 | 16.84 55'10" |
| -6.0 m -20.0 ft | kg lb | *9550 *21,350 | *9550 *21,350 | *11 550 *25,900 | *11 550 *25,900 | *15 000 *33,900 | *15 000 *33,900 | *13 050 *28,250 | 11 950 25,700 | *10 900 23,500 | 9200 19,750 | 4850 10,700 | 4050 9,000 | 16.13 53'4" |
| -7.5 m -25.0 ft | kg lb | | | *13 200 *29,650 | *13 200 *29,650 | *14 650 *31,650 | *14 650 *31,650 | *12 150 *26,200 | 12 050 25,950 | *10 200 *22,000 | 9200 19,850 | 5250 11,650 | 4450 9,850 | 15.25 50'0" |
| -9.0 m -30.0 ft | kg lb | | | *15 050 *33,400 | *15 050 *33,400 | *12 900 *27,650 | *12 900 *27,650 | *10 850 *23,300 | *10 850 *23,300 | *9250 *19,800 | *9250 *19,800 | *5250 *11,550 | 5000 11,150 | 14.14 46'8" |
| -10.5 m -35.0 ft | kg lb | | | | | | | *9150 *19,400 | *9150 *19,400 | *7850 *16,650 | *7850 *16,650 | *5100 *11,100 | *5100 *11,100 | 12.77 41'8" |



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.

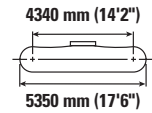
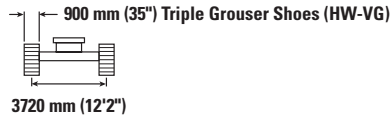
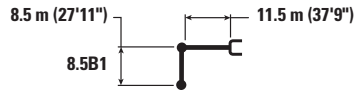
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

352 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 12.0 mt (26,455 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/in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|
| | | | | | | | | | | | | | | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 14.41 47'6" |
| 12.0 m 40.0 ft | kg lb | | | | | | | *3350 *6,500 | *3350 *6,500 | | | *2850 *6,250 | *2850 *6,250 | 15.46 50'10" |
| 10.5 m 35.0 ft | kg lb | | | | | | | *4100 *8,450 | *4100 *8,450 | | | *2850 *6,200 | *2850 *6,200 | 16.30 53'4" |
| 9.0 m 30.0 ft | kg lb | | | | | | | *4750 *9,950 | *4750 *9,950 | *3450 *6,700 | *3450 *6,700 | *2850 *6,250 | *2850 *6,250 | 16.97 55'10" |
| 7.5 m 25.0 ft | kg lb | | | | | *5900 *12,800 | *5900 *12,800 | *5350 *11,300 | *5350 *11,300 | *4150 *8,350 | *4150 *8,350 | *2900 *6,400 | *2900 *6,400 | 17.49 57'6" |
| 6.0 m 20.0 ft | kg lb | | | *6700 *14,550 | *6700 *14,550 | *6150 *13,300 | *6150 *13,300 | *5650 *12,250 | *5650 *12,250 | *4750 *9,750 | *4750 *9,750 | *3000 *6,600 | *3000 *6,600 | 17.86 59'2" |
| 4.5 m 15.0 ft | kg lb | *8000 *17,250 | *8000 *17,250 | *7050 *15,300 | *7050 *15,300 | *6400 *13,800 | *6400 *13,800 | *5800 *12,600 | 5650 12,150 | *5350 *11,050 | 4750 10,100 | *3150 *6,850 | *3150 *6,850 | 18.10 60'0" |
| 3.0 m 10.0 ft | kg lb | *8500 *18,350 | *8500 *18,350 | *7400 *16,050 | *7400 *16,050 | *6600 *14,350 | 6500 13,900 | *6000 *12,950 | 5400 11,600 | 5300 11,400 | 4550 9,750 | *3300 *7,200 | *3300 *7,200 | 18.21 60'0" |
| 1.5 m 5.0 ft | kg lb | *8950 *19,300 | *8950 *19,300 | *7750 *16,750 | 7400 15,900 | *6850 *14,800 | 6150 13,200 | 6050 12,950 | 5200 11,100 | 5150 11,000 | 4400 9,400 | *3500 *7,700 | *3500 *7,700 | 18.19 60'0" |
| 0 m 0 ft | kg lb | *9300 *20,100 | 8450 18,200 | *8000 *17,300 | 7000 15,000 | 6850 14,700 | 5850 12,550 | 5800 12,450 | 4950 10,650 | 5000 10,700 | 4250 9,050 | *3800 *8,300 | 3600 7,950 | 18.06 59'2" |
| -1.5 m -5.0 ft | kg lb | 9400 20,250 | 8000 17,250 | 7800 16,750 | 6650 14,300 | 6600 14,150 | 5600 12,050 | 5600 12,050 | 4750 10,250 | 4850 10,400 | 4100 8,750 | *4150 *9,100 | 3600 7,950 | 17.79 58'4" |
| -3.0 m -10.0 ft | kg lb | 9100 19,550 | 7700 16,550 | 7550 16,200 | 6400 13,750 | 6400 13,700 | 5400 11,600 | 5450 11,750 | 4650 9,900 | 4750 10,200 | 4000 8,550 | 4400 9,650 | 3700 8,100 | 17.39 57'6" |
| -4.5 m -15.0 ft | kg lb | 8850 19,100 | 7500 16,100 | 7350 15,850 | 6250 13,400 | 6250 13,450 | 5250 11,350 | 5400 11,550 | 4550 9,750 | 4700 10,100 | 3950 8,450 | 4550 10,050 | 3850 8,450 | 16.84 55'10" |
| -6.0 m -20.0 ft | kg lb | 8750 18,900 | 7400 15,900 | 7300 15,650 | 6150 13,200 | 6200 13,300 | 5200 11,200 | 5350 11,500 | 4500 9,650 | | | 4850 10,700 | 4050 9,000 | 16.13 53'4" |
| -7.5 m -25.0 ft | kg lb | *8700 *18,700 | 7400 15,950 | 7300 15,700 | 6150 13,200 | 6200 13,350 | 5200 11,250 | 5400 11,250 | 4550 | | | 5250 11,650 | 4450 9,850 | 15.25 50'0" |
| -9.0 m -30.0 ft | kg lb | *7900 *16,850 | 7500 16,200 | *6750 *14,350 | 6250 13,450 | *5700 *12,000 | 5300 11,500 | | | | | *5250 *11,550 | 5000 11,150 | 14.14 46'8" |
| -10.5 m -35.0 ft | kg lb | *6700 *14,150 | *6700 *14,150 | *5650 *11,750 | *5650 *11,750 | | | | | | | *5100 *11,100 | *5100 *11,100 | 12.77 41'8" |



ISO 10567



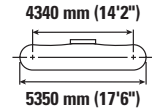
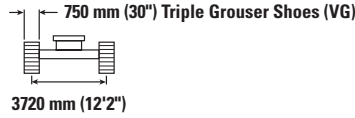
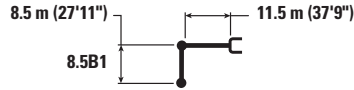
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 12.0 mt (26,455 lb) – without Bucket, Heavy Lift: On



| | | 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/in |
|---------------------|----------|---|---|---|---|---|---|---|--|---|---|---|---|-----------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 14.41 47'6" |
| 12.0 m 40.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 15.46 50'10" |
| 10.5 m 35.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 16.30 53'4" |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 16.97 55'10" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 17.49 57'6" |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *3000 | *3000 | 17.86 59'2" |
| 4.5 m 15.0 ft | kg lb | | | | | | | | | | | *3150 | *3150 | 18.10 60'0" |
| 3.0 m 10.0 ft | kg lb | | | *13 150 *31,600 | *13 150 *31,600 | *15 650 *33,700 | *15 650 *33,700 | *12 150 *26,150 | *12 150 *26,150 | *9950 *21,500 | *9950 *21,500 | *3300 *7,200 | *3300 *7,200 | 18.21 60'0" |
| 1.5 m 5.0 ft | kg lb | | | *7650 *17,650 | *7650 *17,650 | *17 050 *36,850 | *17 050 *36,850 | *13 050 *28,200 | *13 050 *28,200 | *10 600 *22,900 | *10 600 *22,900 | *3500 *7,700 | *3500 *7,700 | 18.19 60'0" |
| 0 m 0 ft | kg lb | *4050 *9,100 | *4050 *9,100 | *7100 *16,050 | *7100 *16,050 | *13 250 *30,400 | *13 250 *30,400 | *13 700 *29,650 | *13 200 28,400 | *11 100 *23,950 | 10 300 22,200 | *3800 *8,300 | 3550 7,800 | 18.06 59'2" |
| -1.5 m -5.0 ft | kg lb | *5400 *12,050 | *5400 *12,050 | *7700 *17,300 | *7700 *17,300 | *12 250 *27,850 | *12 250 *27,850 | *14 000 *30,350 | 12 450 26,800 | *11 400 *24,600 | 9750 20,950 | *4150 *9,100 | 3550 7,800 | 17.79 58'4" |
| -3.0 m -10.0 ft | kg lb | *6750 *15,050 | *6750 *15,050 | *8750 *19,650 | *8750 *19,650 | *12 600 *28,500 | *12 600 *28,500 | *14 000 *30,300 | 12 000 25,850 | 11 050 23,800 | 9350 20,100 | 4300 9,500 | 3600 7,950 | 17.39 57'6" |
| -4.5 m -15.0 ft | kg lb | *8100 *18,100 | *8100 *18,100 | *10 050 *22,550 | *10 050 *22,550 | *13 550 *30,700 | *13 550 *30,700 | *13 700 *29,600 | 11 800 25,400 | 10 850 23,300 | 9100 19,600 | 4500 9,850 | 3750 8,250 | 16.84 55'10" |
| -6.0 m -20.0 ft | kg lb | *9550 *21,350 | *9550 *21,350 | *11 550 *25,900 | *11 550 *25,900 | *15 000 *33,900 | *15 000 *33,900 | *13 050 *28,250 | 11 750 25,300 | 10 750 23,100 | 9000 19,400 | 4750 10,500 | 4000 8,800 | 16.13 53'4" |
| -7.5 m -25.0 ft | kg lb | | | *13 200 *29,650 | *13 200 *29,650 | *14 650 *31,650 | *14 650 *31,650 | *12 150 *26,200 | 11 850 25,500 | *10 200 *22,000 | 9050 19,500 | 5150 11,450 | 4350 9,650 | 15.25 50'0" |
| -9.0 m -30.0 ft | kg lb | | | *15 050 *33,400 | *15 050 *33,400 | *12 900 *27,650 | *12 900 *27,650 | *10 850 *23,300 | *10 850 *23,300 | *9250 *19,800 | 9200 *19,800 | *5250 *11,550 | 4900 10,950 | 14.14 46'8" |
| -10.5 m -35.0 ft | kg lb | | | | | | | *9150 *19,400 | *9150 *19,400 | *7850 *16,650 | *7850 *16,650 | *5100 *11,100 | *5100 *11,100 | 12.77 41'8" |



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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.

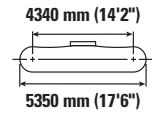
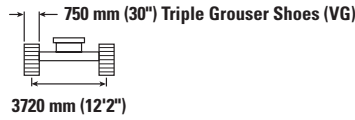
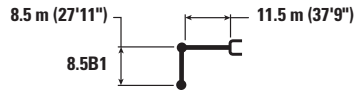
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

352 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 12.0 mt (26,455 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/in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|
| | | | | | | | | | | | | | | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 14.41 47'6" |
| 12.0 m 40.0 ft | kg lb | | | | | | | *3350 *6,500 | *3350 *6,500 | | | *2850 *6,250 | *2850 *6,250 | 15.46 50'10" |
| 10.5 m 35.0 ft | kg lb | | | | | | | *4100 *8,450 | *4100 *8,450 | | | *2850 *6,200 | *2850 *6,200 | 16.30 53'4" |
| 9.0 m 30.0 ft | kg lb | | | | | | | *4750 *9,950 | *4750 *9,950 | *3450 *6,700 | *3450 *6,700 | *2850 *6,250 | *2850 *6,250 | 16.97 55'10" |
| 7.5 m 25.0 ft | kg lb | | | | | *5900 *12,800 | *5900 *12,800 | *5350 *11,300 | *5350 *11,300 | *4150 *8,350 | *4150 *8,350 | *2900 *6,400 | *2900 *6,400 | 17.49 57'6" |
| 6.0 m 20.0 ft | kg lb | | | *6700 *14,550 | *6700 *14,550 | *6150 *13,300 | *6150 *13,300 | *5650 *12,250 | *5650 *12,250 | *4750 *9,750 | *4750 *9,750 | *3000 *6,600 | *3000 *6,600 | 17.86 59'2" |
| 4.5 m 15.0 ft | kg lb | *8000 *17,250 | *8000 *17,250 | *7050 *15,300 | *7050 *15,300 | *6400 *13,800 | *6400 *13,800 | *5800 *12,600 | 5600 11,950 | *5350 *11,050 | 4650 9,950 | *3150 *6,850 | *3150 *6,850 | 18.10 60'0" |
| 3.0 m 10.0 ft | kg lb | *8500 *18,350 | *8500 *18,350 | *7400 *16,050 | *7400 *16,050 | *6600 *14,350 | 6400 13,700 | *6000 *12,950 | 5350 11,450 | 5250 11,200 | 4500 9,600 | *3300 *7,200 | *3300 *7,200 | 18.21 60'0" |
| 1.5 m 5.0 ft | kg lb | *8950 *19,300 | 8850 19,100 | *7750 *16,750 | 7300 15,650 | *6850 *14,800 | 6050 13,000 | 5950 12,750 | 5100 10,900 | 5050 10,850 | 4300 9,200 | *3500 *7,700 | *3500 *7,700 | 18.19 60'0" |
| 0 m 0 ft | kg lb | *9300 *20,100 | 8350 17,900 | *8000 17,250 | 6850 14,800 | 6750 14,450 | 5750 12,350 | 5700 12,250 | 4850 10,450 | 4900 10,500 | 4150 8,900 | *3800 *8,300 | 3550 7,800 | 18.06 59'2" |
| -1.5 m -5.0 ft | kg lb | 9250 19,950 | 7900 16,900 | 7700 16,500 | 6550 14,050 | 6450 13,900 | 5500 11,800 | 5550 11,850 | 4700 10,050 | 4750 10,200 | 4000 8,600 | *4150 *9,100 | 3550 7,800 | 17.79 58'4" |
| -3.0 m -10.0 ft | kg lb | 8950 19,200 | 7550 16,300 | 7400 15,950 | 6300 13,500 | 6250 13,500 | 5300 11,400 | 5400 11,550 | 4550 9,750 | 4650 10,000 | 3900 8,400 | 4300 9,500 | 3600 7,950 | 17.39 57'6" |
| -4.5 m -15.0 ft | kg lb | 8700 18,750 | 7350 15,850 | 7250 15,600 | 6100 13,150 | 6150 13,200 | 5200 11,100 | 5300 11,350 | 4450 9,550 | 4600 9,900 | 3850 8,300 | 4500 9,850 | 3750 8,250 | 16.84 55'10" |
| -6.0 m -20.0 ft | kg lb | 8600 18,550 | 7250 15,650 | 7150 15,400 | 6050 12,950 | 6050 13,050 | 5100 11,000 | 5250 11,300 | 4400 9,500 | | | 4750 10,500 | 4000 8,800 | 16.13 53'4" |
| -7.5 m -25.0 ft | kg lb | 8650 18,600 | 7250 15,650 | 7150 15,400 | 6050 13,000 | 6100 13,100 | 5100 11,050 | 5300 11,050 | 4450 | | | 5150 11,450 | 4350 9,650 | 15.25 50'0" |
| -9.0 m -30.0 ft | kg lb | *7900 *16,850 | 7350 15,900 | *6750 *14,350 | 6100 13,200 | *5700 *12,000 | 5200 11,300 | | | | | *5250 *11,550 | 4900 10,950 | 14.14 46'8" |
| -10.5 m -35.0 ft | kg lb | *6700 *14,150 | *6700 *14,150 | *5650 *11,750 | *5650 *11,750 | | | | | | | *5100 *11,100 | *5100 *11,100 | 12.77 41'8" |



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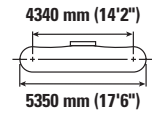
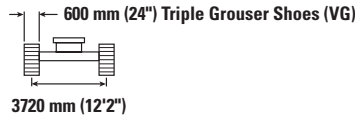
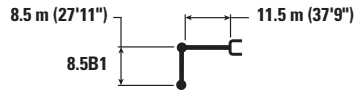
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

352 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 12.0 mt (26,455 lb) – without Bucket, Heavy Lift: On



| | | 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/in |
|---------------------|----------|---|---|---|---|---|---|---|--|---|---|---|---|-----------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 14.41 47'6" |
| 12.0 m 40.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 15.46 50'10" |
| 10.5 m 35.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 16.30 53'4" |
| 9.0 m 30.0 ft | kg lb | | | | | | | | | | | *2850 | *2850 | 16.97 55'10" |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 17.49 57'6" |
| 6.0 m 20.0 ft | kg lb | | | | | | | | | | | *3000 | *3000 | 17.86 59'2" |
| 4.5 m 15.0 ft | kg lb | | | | | | | | | | | *3150 | *3150 | 18.10 60'0" |
| 3.0 m 10.0 ft | kg lb | | | *13 150 *31,600 | *13 150 *31,600 | *15 650 *33,700 | *15 650 *33,700 | *12 150 *26,150 | *12 150 *26,150 | *9950 *21,500 | *9950 *21,500 | *3300 *7,200 | *3300 *7,200 | 18.21 60'0" |
| 1.5 m 5.0 ft | kg lb | | | *7650 *17,650 | *7650 *17,650 | *17 050 *36,850 | *17 050 *36,850 | *13 050 *28,200 | *13 050 *28,200 | *10 600 *22,900 | *10 600 *22,900 | *3500 *7,700 | *3500 *7,700 | 18.19 60'0" |
| 0 m 0 ft | kg lb | *4050 *9,100 | *4050 *9,100 | *7100 *16,050 | *7100 *16,050 | *13 250 *30,400 | *13 250 *30,400 | *13 700 *29,650 | 13 000 28,000 | *11 100 *23,950 | 10 150 21,850 | *3800 *8,300 | 3500 7,650 | 18.06 59'2" |
| -1.5 m -5.0 ft | kg lb | *5400 *12,050 | *5400 *12,050 | *7700 *17,300 | *7700 *17,300 | *12 250 *27,850 | *12 250 *27,850 | *14 000 *30,350 | 12 250 26,400 | 11 300 24,300 | 9550 20,600 | *4150 *9,100 | 3500 7,650 | 17.79 58'4" |
| -3.0 m -10.0 ft | kg lb | *6750 *15,050 | *6750 *15,050 | *8750 *19,650 | *8750 *19,650 | *12 600 *28,500 | *12 600 *28,500 | *14 000 *30,300 | 11 800 25,400 | 10 900 23,400 | 9200 19,750 | 4250 9,300 | 3550 7,800 | 17.39 57'6" |
| -4.5 m -15.0 ft | kg lb | *8100 *18,100 | *8100 *18,100 | *10 050 *22,550 | *10 050 *22,550 | *13 550 *30,700 | *13 550 *30,700 | *13 700 *29,600 | 11 600 24,950 | 10 650 22,900 | 8950 19,250 | 4400 9,700 | 3700 8,100 | 16.84 55'10" |
| -6.0 m -20.0 ft | kg lb | *9550 *21,350 | *9550 *21,350 | *11 550 *25,900 | *11 550 *25,900 | *15 000 *33,900 | *15 000 *33,900 | *13 050 *28,250 | 11 550 24,850 | 10 550 22,700 | 8850 19,100 | 4650 10,300 | 3900 8,650 | 16.13 53'4" |
| -7.5 m -25.0 ft | kg lb | | | *13 200 *29,650 | *13 200 *29,650 | *14 650 *31,650 | *14 650 *31,650 | *12 150 *26,200 | 11 650 25,050 | *10 200 *22,000 | 8900 19,150 | 5100 11,250 | 4250 9,450 | 15.25 50'0" |
| -9.0 m -30.0 ft | kg lb | | | *15 050 *33,400 | *15 050 *33,400 | *12 900 *27,650 | *12 900 *27,650 | *10 850 *23,300 | *10 850 *23,300 | *9250 *19,800 | 9050 19,500 | *5250 *11,550 | 4850 10,750 | 14.14 46'8" |
| -10.5 m -35.0 ft | kg lb | | | | | | | *9150 *19,400 | *9150 *19,400 | *7850 *16,650 | *7850 *16,650 | *5100 *11,100 | *5100 *11,100 | 12.77 41'8" |



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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.

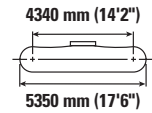
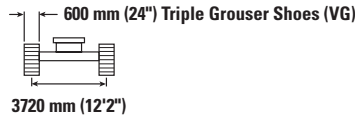
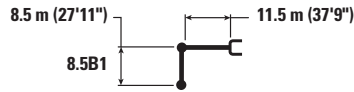
Lift capacity stays with ±5% for all available track shoes.

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

(continued on next page)

352 Long Reach Hydraulic Excavator Specifications

LRE Boom Lift Capacities – Counterweight: 12.0 mt (26,455 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/in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|------------------|-----------------|
| | | | | | | | | | | | | | | |
| 13.5 m 45.0 ft | kg lb | | | | | | | | | | | *2900 | *2900 | 14.41 47'6" |
| 12.0 m 40.0 ft | kg lb | | | | | | | *3350 *6,500 | *3350 *6,500 | | | *2850 *6,250 | *2850 *6,250 | 15.46 50'10" |
| 10.5 m 35.0 ft | kg lb | | | | | | | *4100 *8,450 | *4100 *8,450 | | | *2850 *6,200 | *2850 *6,200 | 16.30 53'4" |
| 9.0 m 30.0 ft | kg lb | | | | | | | *4750 *9,950 | *4750 *9,950 | *3450 *6,700 | *3450 *6,700 | *2850 *6,250 | *2850 *6,250 | 16.97 55'10" |
| 7.5 m 25.0 ft | kg lb | | | | | *5900 *12,800 | *5900 *12,800 | *5350 *11,300 | *5350 *11,300 | *4150 *8,350 | *4150 *8,350 | *2900 *6,400 | *2900 *6,400 | 17.49 57'6" |
| 6.0 m 20.0 ft | kg lb | | | *6700 *14,550 | *6700 *14,550 | *6150 *13,300 | *6150 *13,300 | *5650 *12,250 | *5650 *12,250 | *4750 *9,750 | 4750 *9,750 | *3000 *6,600 | *3000 *6,600 | 17.86 59'2" |
| 4.5 m 15.0 ft | kg lb | *8000 *17,250 | *8000 *17,250 | *7050 *15,300 | *7050 *15,300 | *6400 *13,800 | *6400 *13,800 | *5800 *12,600 | 5500 11,750 | 5350 *11,050 | 4600 9,800 | *3150 *6,850 | *3150 *6,850 | 18.10 60'0" |
| 3.0 m 10.0 ft | kg lb | *8500 *18,350 | *8500 *18,350 | *7400 *16,050 | *7400 *16,050 | *6600 *14,350 | 6300 13,500 | *6000 *12,950 | 5250 11,250 | 5150 11,000 | 4400 9,400 | *3300 *7,200 | *3300 *7,200 | 18.21 60'0" |
| 1.5 m 5.0 ft | kg lb | *8950 *19,300 | 8750 18,850 | *7750 *16,750 | 7150 15,400 | *6850 *14,800 | 5950 12,800 | 5850 12,550 | 5000 10,750 | 5000 10,650 | 4250 9,050 | *3500 *7,700 | *3500 *7,700 | 18.19 60'0" |
| 0 m 0 ft | kg lb | *9300 *20,100 | 8200 17,650 | 7900 16,950 | 6750 14,550 | 6600 14,200 | 5650 12,150 | 5600 12,050 | 4800 10,250 | 4800 10,300 | 4100 8,700 | *3800 *8,300 | 3500 7,650 | 18.06 59'2" |
| -1.5 m -5.0 ft | kg lb | 9100 19,600 | 7750 16,700 | 7550 16,250 | 6450 13,800 | 6350 13,650 | 5400 11,600 | 5450 11,650 | 4600 9,850 | 4700 10,000 | 3950 8,450 | *4150 *9,100 | 3500 7,650 | 17.79 58'4" |
| -3.0 m -10.0 ft | kg lb | 8800 18,900 | 7450 16,000 | 7300 15,700 | 6200 13,250 | 6150 13,250 | 5200 11,200 | 5300 11,350 | 4450 9,550 | 4600 9,800 | 3850 8,250 | 4250 9,300 | 3550 7,800 | 17.39 57'6" |
| -4.5 m -15.0 ft | kg lb | 8600 18,450 | 7250 15,550 | 7100 15,300 | 6000 12,900 | 6050 12,950 | 5100 10,900 | 5200 11,150 | 4350 9,350 | 4500 9,700 | 3800 8,150 | 4400 9,700 | 3700 8,100 | 16.84 55'10" |
| -6.0 m -20.0 ft | kg lb | 8500 18,250 | 7150 15,350 | 7050 15,150 | 5900 12,750 | 5950 12,850 | 5000 10,850 | 5150 10,850 | 4350 9,300 | | | 4650 10,300 | 3900 8,650 | 16.13 53'4" |
| -7.5 m -25.0 ft | kg lb | 8500 18,250 | 7150 15,350 | 7050 15,150 | 5900 12,750 | 5900 12,850 | 5050 10,850 | 5200 10,850 | 4350 9,300 | | | 5100 11,250 | 4250 9,450 | 15.25 50'0" |
| -9.0 m -30.0 ft | kg lb | *7900 *16,850 | 7250 15,600 | *6750 *14,350 | 6000 12,950 | *5700 *12,000 | 5100 11,050 | | | | | *5250 *11,550 | 4850 10,750 | 14.14 46'8" |
| -10.5 m -35.0 ft | kg lb | *6700 *14,150 | *6700 *14,150 | *5650 *11,750 | *5650 *11,750 | | | | | | | *5100 *11,100 | *5100 *11,100 | 12.77 41'8" |



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.

352 Long Reach Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Europe

| | Linkage | Width | | Capacity | | Weight | | Fill | Variable Gauge High Wide Undercarriage | |
|-------------------------------------|---------|-------|----|----------------|-----------------|--------|-------|------|--|-----------------------------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 12.0 mt (26,455 lb) Counterweight |
| | | | | | | | | | | LRE Boom 11.5 m (37'9") |
| | | | | | | | | | LRE 8.5 (27'11") | |
| 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 | ● | |
| 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 | ⊖ | |
| | | | | | | | | kg | 3075 | |
| | | | | | | | | lb | 6,779 | |
| 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 | ● | |
| 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 | ○ | |
| | | | | | | | | kg | 2653 | |
| | | | | | | | | lb | 5,850 | |
| With CW-40 Quick Coupler | | | | | | | | | | |
| General Duty | B CW40 | 900 | 35 | 0.81 | 1.06 | 664 | 1,463 | 100 | ● | |
| General Duty – Leveling Edge | B CW40 | 650 | 26 | 0.70 | 0.92 | 567 | 1,250 | 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 | ○ | |
| Ditch Cleaning Tilt | B CW40 | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | ○ | |
| | | | | | | | | kg | 2825 | |
| | | | | | | | | lb | 6,228 | |
| 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 | ○ | |
| | | | | | | | | kg | 2844 | |
| | | | | | | | | lb | 6,270 | |

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 long 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)

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.

352 Long Reach Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – North America

| | Linkage | Width | | Capacity | | Weight | | Fill | Variable Gauge High Wide Undercarriage | |
|-------------------------------------|---------|-------|----|----------------|-----------------|--------|-------|------|--|-----------------------------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 12.0 mt (26,455 lb) Counterweight |
| | | | | | | | | | | LRE Boom 11.5 m (37'9") |
| LRE 8.5 (27'11") | | | | | | | | | | |
| 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 | ● | |
| General Duty Capacity – Wide Tip | 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 | ⊙ | |
| Ditch Cleaning | B | 1500 | 60 | 1.01 | 1.32 | 651 | 1,436 | 100 | ● | |
| Ditch Cleaning Tilt | B | 1800 | 72 | 0.90 | 1.83 | 1105 | 2,436 | 100 | ● | |
| | B | 2000 | 79 | 1.11 | 1.61 | 1161 | 2,560 | 100 | ⊙ | |
| | | | | | | | | kg | 3075 | |
| | | | | | | | | lb | 6,779 | |
| 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 | ⊙ | |
| General Duty Capacity – Wide Tip | 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 | ○ | |
| Ditch Cleaning | B | 1500 | 60 | 1.01 | 1.32 | 651 | 1,436 | 100 | ⊙ | |
| Ditch Cleaning Tilt | B | 1800 | 72 | 0.90 | 1.83 | 1105 | 2,436 | 100 | ⊙ | |
| | B | 2000 | 79 | 1.11 | 1.61 | 1161 | 2,560 | 100 | ○ | |
| | | | | | | | | kg | 2653 | |
| | | | | | | | | lb | 5,850 | |

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 long 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)

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.

352 Long Reach Excavator Standard and Optional Equipment

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|-------------------------------------|----------|----------|---|------------------|------------------|
| CAT TECHNOLOGY | | | ENGINE | | |
| Cat Product Link | ✓ | | Cold start block heaters | | ✓ |
| Work tool recognition | ✓ | | Three selectable modes: Power, Smart, Eco | ✓ | |
| Work tool tracking* | ✓ | | Automatic engine speed control | ✓ | |
| Laser catcher | | ✓ | Up to 4500 m (14,760 ft) altitude capability | ✓ | |
| Cat GRADE with 2D and offset memory | ✓ | | 52° C (126° F) high-ambient cooling capacity | ✓ | |
| Cat GRADE with Advanced 2D | | ✓ | Hydraulic reverse fan | ✓ ⁽¹⁾ | ✓ ⁽²⁾ |
| Cat GRADE with 3D connectivity: | | ✓ | -18° C (0° F) cold start capability | ✓ | |
| – Virtual Reference Station** | | | -50° C (-58° F) cold weather coolant | | ✓ |
| – Internet Base Service Station** | | | Double element air filter with integrated precleaner | ✓ | |
| – Trimble Connected Community** | | | 115 amp alternator | ✓ | |
| Cat PAYLOAD: | ✓ | | Single plane three horizontal cooling system | ✓ | |
| – Static weigh | | | Dual stage 5.5 micron primary filter and 4.4 micron 2nd/3rd filters | ✓ | |
| – Semiautomatic calibration | | | Biodiesel capable (up to B20) | ✓ | |
| – Payload/cycle information | | | Secure start with PIN code | ✓ | |
| – USB reporting capability | | | HYDRAULIC SYSTEM | | |
| 2D E-Fence: | ✓ | | Boom and stick regeneration circuits | ✓ | |
| – E-ceiling | | | Electronic main control valve | ✓ | |
| – E-floor | | | Heavy lift mode | ✓ | |
| – E-swing | | | Automatic hydraulic oil warm up | ✓ | |
| – E-wall | | | Automatic swing parking brake | ✓ | |
| – E-cab avoidance | | | Hydraulic return filters | ✓ | |
| Remote Services capability | ✓ | | Two speed travel modes | ✓ | |
| | | | Bio hydraulic oil | | ✓ |
| | | | Boom and stick lowering check valve | ✓ | |
| | | | High pressure, medium pressure and quick coupler lines | | ✓ |

*Paired with PL161 attachment locator.

**Subscription required.

⁽¹⁾ Standard in North America.

⁽²⁾ Optional in Europe.

(continued on next page)

352 Long Reach Excavator 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 |
|---|----------|----------|--|----------|----------|
| UNDERCARRIAGE AND STRUCTURES | | | ELECTRICAL SYSTEM | | |
| Grease lubricated track | ✓ | | LED exterior lights | ✓ | |
| Towing eye on baseframe | ✓ | | Premium surround lighting package | | ✓ |
| Variable Gauge High Wide undercarriage | ✓ | | SERVICE AND MAINTENANCE | | |
| 12.0 mt (26,455 lb) counterweight | ✓ | | Service platform with anti-skid plate and recessed bolts | ✓ | |
| 900 mm (35") triple grouser track shoes | ✓ | | Grouped location for engine oil and fuel filters | ✓ | |
| 750 mm (30") triple grouser track shoes ⁽¹⁾ | | ✓ | Scheduled Oil Sampling (S·O·S) ports | ✓ | |
| 600 mm (24") triple grouser track shoes ⁽¹⁾ | | ✓ | SAFETY AND SECURITY | | |
| 600 mm (24") double grouser track shoes ⁽³⁾ | | ✓ | Right-hand handrail and hand hold (ISO 2867 compliant) | ✓ | |
| Guard, swivel protection (16 mm/2/3 in) | ✓ | | Caterpillar One Key security system | ✓ | |
| Segmented track guiding guards | | ✓ | Lockable external tool/storage box | ✓ | |
| Full-length track guiding guards | | ✓ | Lockable door, fuel, and hydraulic tank locks | ✓ | |
| HD bottom guard | ✓ | | Lockable fuel drain compartment | ✓ | |
| HD travel motor guard | ✓ | | Signaling/warning horn | ✓ | |
| BOOMS, STICKS AND LINKAGES | | | Rear and right-hand-sideview cameras | ✓ | |
| 11.5 m (37'9") Long Reach (LRE) boom | ✓ | | 360° visibility | | ✓ |
| 8.5 m (27'11") Long Reach (LRE) stick | ✓ | | | | |
| Bucket linkage, LRE B1 family with lifting eye, Cat GRADE | ✓ | | | | |

⁽³⁾ Available in Europe only.

352 Long Reach Excavator Attachments

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

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

SAFETY AND SECURITY

- 76 mm (3") retractable seat belt
- Bluetooth key fob

GUARDS

- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front
- Full protecting vandalism guard
- Rain protector for front windshield with cab light cover

ELECTRICAL

- Submarine kit

OTHER ATTACHMENTS

- GNSS antennae

*Available in North America only.

352 Long Reach Excavator Cab Options

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, infinite with no tool | ● | ● |
| Tilt-up left-side console | ● | ● |
| Heated seat with air-adjustable suspension | ● | X |
| Heated and cooled seat with automatic adjustable suspension | X | ● |
| 51 mm (2") orange seat belt | ● | ● |
| Radio with USB port, Bluetooth and optional DAB | ● | ● |
| 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, 850 lumens | ● | ● |
| LED cab light kit, 1,200 lumens | ○ | ○ |
| LED dome 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

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AEXQ2522-02 (09-2020)
Replaces AEXQ2522-01
Build Number: 07C
(Aus-NZ, N Am, Eur)

