



345

Hydraulic Excavator

Technical Specifications

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

Table of Contents

| | |
|---|-----------|
| Specifications | 2 |
| Engine | 2 |
| Swing Mechanism | 2 |
| Weights | 2 |
| Track | 2 |
| Drive | 2 |
| Hydraulic System | 2 |
| Service Refill Capacities | 2 |
| Standards | 2 |
| Sound Performance | 2 |
| Operating Weights and Ground Pressures | 3 |
| Major Component Weights | 3 |
| Dimensions | 4 |
| Working Ranges and Forces | 5 |
| Reach Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) | 6 |
| Mass Boom Lift Capacities – Counterweight: 9.0 mt (19,842 lb) | 12 |
| Bucket Specifications and Compatibility – Africa, Middle East, and Eurasia | 15 |
| Bucket Specifications and Compatibility – Southeast Asia | 16 |
| Attachments Offering Guide – Africa, Middle East, and Eurasia | 17 |
| Attachments Offering Guide – Southeast Asia | 19 |
| Standard and Optional Equipment | 20 |
| Cab Options | 21 |
| Dealer Installed Kit and Attachments | 22 |

345 Hydraulic Excavator Specifications

Engine

| | | |
|--------------------------|--------------------------|---------------------|
| Engine Model | Cat® C9.3B | |
| Net Power – ISO 9249 | 258 kW | 346 hp |
| Engine Power – ISO 14396 | 259 kW | 347 hp |
| Bore | 115 mm | 5 in |
| Stroke | 149 mm | 6 in |
| Displacement | 9.3 L | 568 in ³ |
| Biodiesel capability | Up to B20 ⁽¹⁾ | |

- Meets China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Recommended for use up to 3300 m (10,830 ft) altitude with engine power derate above 2300 m (7,550 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 1,900 rpm.

⁽¹⁾Cat engines are compatible with the following renewable, alternative, and bio-fuels* with lower greenhouse gas emission impact:

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

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

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

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

Swing Mechanism

| | | |
|----------------------|----------|----------------|
| Swing Speed* | 8.27 rpm | |
| Maximum Swing Torque | 155 kN·m | 114,543 lbf·ft |

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

Weights

| | | |
|--|-----------|-----------|
| Operating Weight | 42 200 kg | 93,000 lb |
| • Reach boom, R2.9TB (9'6") stick, Heavy Duty (HD) 2.41 m ³ (3.15 yd ³) bucket, 600 mm (24") double grouser shoes, 9.0 mt (19,842 lb) counterweight. | | |
| Operating Weight | 43 300 kg | 95,500 lb |
| • Mass boom, M3.0UB (9'10") stick, Severe Duty – V Edge (SDV) 2.77 m ³ (3.62 yd ³) bucket, 600 mm (24") double grouser shoes, 9.0 mt (19,842 lb) counterweight. | | |

Track

| | | |
|---------------------------------------|--------|-------|
| Standard Track Shoes Width | 600 mm | 24 in |
| Optional Track Shoes Width | 700 mm | 28 in |
| Optional Track Shoes Width | 800 mm | 31 in |
| Number of Shoes (each side) | 49 | |
| Number of Track Rollers (each side) | 8 | |
| Number of Carrier Rollers (each side) | 2 | |

Drive

| | | |
|----------------------|----------|------------|
| Gradeability | 35°/70% | |
| Maximum Travel Speed | 5.2 km/h | 3.2 mph |
| Maximum Drawbar Pull | 292 kN | 65,532 lbf |

Hydraulic System

| | | |
|--|---------------------------------|------------------------------------|
| Main System – Maximum Flow – Implement | 630 L/min (315 L/min × 2 pumps) | 166 gal/min (83 gal/min × 2 pumps) |
| Maximum Pressure – Equipment – Implement | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Swing | 28 000 kPa | 4,061 psi |
| Boom Cylinder – Bore | 160 mm | 6 in |
| Boom Cylinder – Stroke | 1392 mm | 55 in |
| Stick Cylinder – Bore | 180 mm | 7 in |
| Stick Cylinder – Stroke | 1758 mm | 69 in |
| TB Bucket Cylinder – Bore | 150 mm | 6 in |
| TB Bucket Cylinder – Stroke | 1356 mm | 53 in |
| UB Bucket Cylinder – Bore | 160 mm | 6 in |
| UB Bucket Cylinder – Stroke | 1396 mm | 55 in |

Service Refill Capacities

| | | |
|---|--------|-----------|
| Fuel Tank Capacity | 600 L | 158.5 gal |
| Cooling System | 40 L | 10.5 gal |
| Engine Oil (with filter) | 32 L | 8.5 gal |
| Swing Drive | 13.5 L | 3.6 gal |
| Final Drive (each) | 8 L | 2.1 gal |
| Hydraulic System (including tank) | 423 L | 111.7 gal |
| Hydraulic Tank (including suction pipe) | 186 L | 49.1 gal |

Standards

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

Sound Performance

| | |
|----------------------------|-----------|
| ISO 6395:2008 (external) | 107 dB(A) |
| ISO 6396:2008 (inside cab) | 73 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.

Standards

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

345 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 600 mm (24") Triple Grouser Shoes | | 600 mm (24") Double Grouser Shoes | | 600 mm (24") HD Triple Grouser Shoes | | 700 mm (28") Triple Grouser Shoes | | 800 mm (31") Triple Grouser Shoes | |
|---|---|----------------|---|----------------|--|----------------|---|---------------|---|---------------|
| | Ground Pressure | | Ground Pressure | | Ground Pressure | | Ground Pressure | | Ground Pressure | |
| | Weight kg (lb) | kPa (psi) | Weight kg (lb) | kPa (psi) | Weight kg (lb) | kPa (psi) | Weight kg (lb) | kPa (psi) | Weight kg (lb) | kPa (psi) |
| 9.0 mt (19,842 lb) Counterweight + Base Machine | | | | | | | | | | |
| Reach Boom + R3.35TB (11'0") Stick + 2.41 m ³ (3.15 yd ³) HD Bucket | 41 500 (91,400) | 77.3 (11.2) | 42 200 (93,100) | 78.7 (11.4) | 42 100 (92,900) | 78.5 (11.4) | 41 800 (92,200) | 66.8 (9.7) | 42 500 (93,700) | 59.3 (8.6) |
| Reach Boom + R2.9TB (9'6") Stick + 2.41 m ³ (3.15 yd ³) HD Bucket | 41 400 (91,300) | 77.2 (11.2) | 42 200 (93,000) | 78.6 (11.4) | 42 100 (92,800) | 78.4 (11.4) | 41 800 (92,100) | 66.7 (9.7) | 42 400 (93,500) | 59.3 (8.6) |
| Mass Boom + M3.0UB (9'10") Stick + 2.77 m ³ (3.62 yd ³) SDV Bucket | 42 600 (93,800) | 79.3 (11.5) | 43 300 (95,500) | 80.7 (11.7) | 43 200 (95,300) | 80.5 (11.7) | 42 900 (94,600) | 68.5 (9.9) | 43 600 (96,100) | 60.9 (8.8) |
| Mass Boom + M2.55UB (8'4") Stick + 2.77 m ³ (3.62 yd ³) SDV Bucket | 42 400 (93,500) | 79.0 (11.5) | 43 200 (95,200) | 80.4 (11.7) | 43 100 (94 900) | 80.2 (11.6) | 42 800 (94,300) | 68.3 (9.9) | 43 400 (95,700) | 60.6 (8.8) |

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

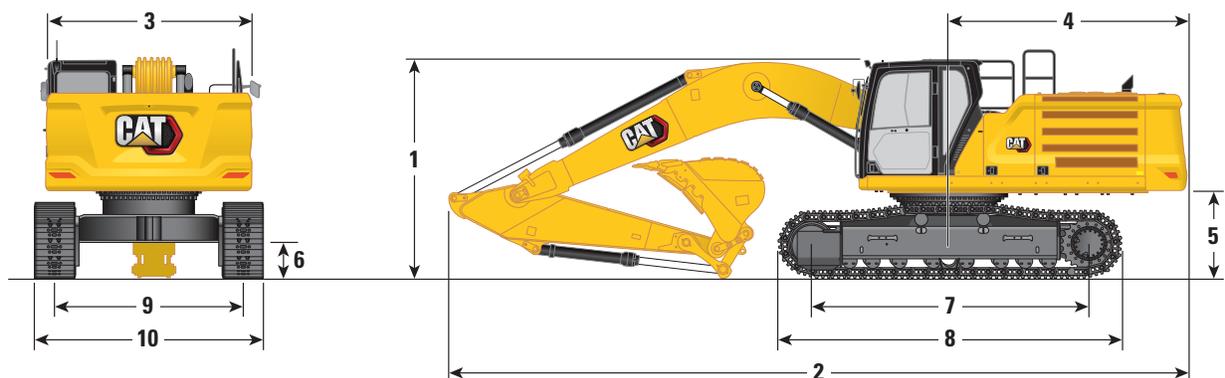
Major Component Weights

| | kg | lb |
|---|--------|--------|
| Base machine with 9.0 mt (19,842 lb) counterweight, swing frame, two boom cylinders, and Severe Duty (SD) track rollers and carrier rollers | 28 110 | 61,970 |
| Track Shoes: | | |
| 600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes | 4090 | 9,010 |
| 600 mm (24") Width, 15.5 mm (0.61") Thick, Double Grouser Track Shoes | 4850 | 10,700 |
| 600 mm (24") Width, 15.5 mm (0.61") Thick, HD Triple Grouser Track Shoes | 4750 | 10,460 |
| 700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes | 4440 | 9,790 |
| 800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes | 5100 | 11,230 |
| Two Boom Cylinders | 790 | 1,740 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 550 | 1,210 |
| Counterweight: | | |
| 9.0 mt Counterweight | 8990 | 19,842 |
| Swing Frame: | | |
| Swing Frame | 3730 | 8,220 |
| Undercarriage: | | |
| Base Frame with SD Track Rollers and Carrier Rollers | 8890 | 19,590 |
| Booms (including lines, pins, stick cylinder): | | |
| Reach Boom 6.9 m (22'8") | 4020 | 8,870 |
| Mass Boom 6.55 m (21'6") | 4160 | 9,180 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| Reach Stick R2.9TB (9'6") | 2200 | 4,840 |
| Reach Stick R3.35TB (11'0") | 2250 | 4,960 |
| Mass Stick M2.55UB (8'4") | 2550 | 5,620 |
| Mass Stick M3.0UB (9'10") | 2710 | 5,980 |
| Buckets (without linkage): | | |
| 2.41 m ³ (3.15 yd ³) HD | 2460 | 5,410 |
| 2.77 m ³ (3.62 yd ³) SDV | 2950 | 6,490 |

345 Hydraulic Excavator Specifications

Dimensions

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

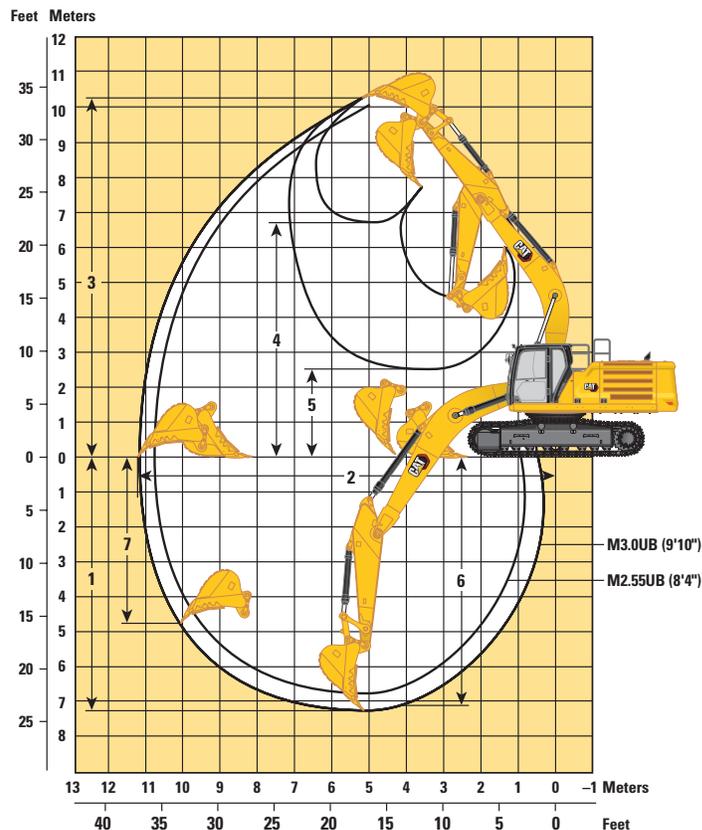
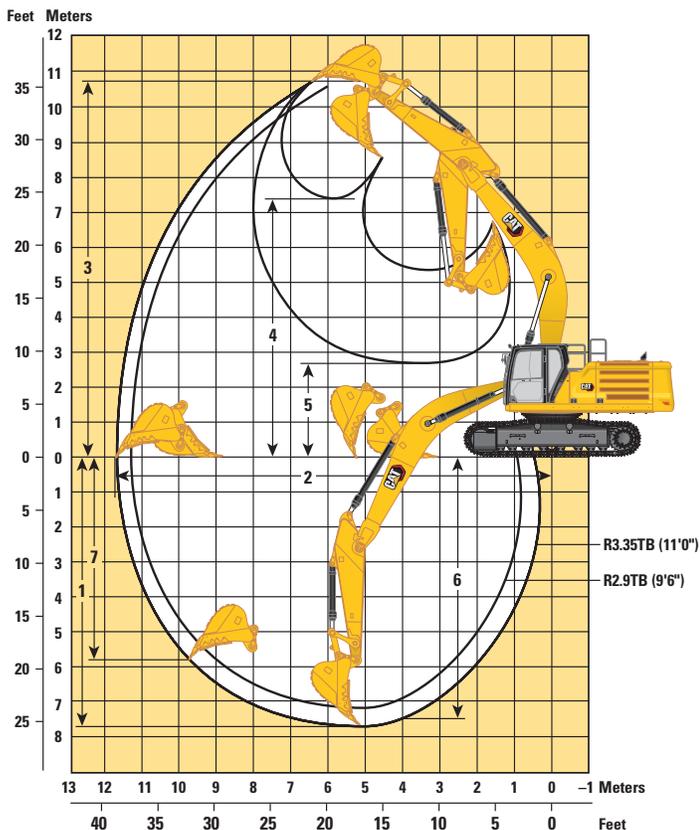


| Boom Options | Reach Boom 6.9 m (22'8") | | | | Mass Boom 6.55 m (21'6") | | | |
|---|-----------------------------|----------------------|---------------------|----------------------|-----------------------------|----------------------|---------------------|----------------------|
| | Reach Stick | | | | Mass Stick | | | |
| | R3.35TB (11'0") | | R2.9TB (9'6") | | M3.0UB (9'10") | | M2.55UB (8'4") | |
| Stick Options | mm | ft | mm | ft | mm | ft | mm | ft |
| 1 Machine Height: | | | | | | | | |
| Cab Height | 3230 | 10.6 | 3230 | 10.6 | 3230 | 10.6 | 3230 | 10.6 |
| OPG Height (if equipped) | 3370 | 11.1 | 3370 | 11.1 | 3370 | 11.1 | 3370 | 11.1 |
| Handrails Height | 3370 | 11.1 | 3370 | 11.1 | 3370 | 11.1 | 3370 | 11.1 |
| With Boom/Stick/Bucket Installed | 3560 | 11.7 | 3660 | 12.0 | 4040 | 13.3 | 3990 | 13.1 |
| With Boom/Stick Installed | 3490 | 11.5 | 3420 | 11.2 | 3880 | 12.7 | 3840 | 12.6 |
| With Boom Installed | 3050 | 10.0 | 3050 | 10.0 | 3080 | 10.1 | 3080 | 10.1 |
| With Boom/Stick/Bucket Installed (with auxiliary lines) | 3560 | 11.7 | 3660 | 12.0 | 4040 | 13.3 | 3990 | 13.1 |
| With Boom/Stick Installed (with auxiliary lines) | 3490 | 11.5 | 3420 | 11.2 | 3880 | 12.7 | 3840 | 12.6 |
| With Boom Installed (with auxiliary lines) | 3050 | 10.0 | 3050 | 10.0 | 3080 | 10.1 | 3080 | 10.1 |
| 2 Machine Length: | | | | | | | | |
| With Boom/Stick/Bucket Installed | 11 600 | 38.1 | 11 620 | 38.1 | 11 300 | 37.1 | 11 390 | 37.4 |
| With Boom/Stick Installed | 11 580 | 38.0 | 11 560 | 37.9 | 11 270 | 37.0 | 11 350 | 37.2 |
| With Boom Installed | 10 370 | 34.0 | 10 370 | 34.0 | 10 010 | 32.8 | 10 010 | 32.8 |
| With Boom/Stick/Bucket Installed (with auxiliary lines) | 11 600 | 38.1 | 11 620 | 38.1 | 11 300 | 37.1 | 11 390 | 37.4 |
| With Boom/Stick Installed (with auxiliary lines) | 11 580 | 38.0 | 11 560 | 37.9 | 11 270 | 37.0 | 11 350 | 37.2 |
| With Boom Installed (with auxiliary lines) | 10 370 | 34.0 | 10 370 | 34.0 | 10 010 | 32.8 | 10 010 | 32.8 |
| 3 Upperframe Width without Walkways | 2970 | 9.7 | 2970 | 9.7 | 2970 | 9.7 | 2970 | 9.7 |
| 4 Tail Swing Radius | 3530 | 11.6 | 3530 | 11.6 | 3530 | 11.6 | 3530 | 11.6 |
| 5 Counterweight Clearance | 1300 | 4.3 | 1300 | 4.3 | 1300 | 4.3 | 1300 | 4.3 |
| 6 Ground Clearance | 520 | 1.7 | 520 | 1.7 | 520 | 1.7 | 520 | 1.7 |
| 7 Length to Center of Rollers | 4040 | 13.3 | 4040 | 13.3 | 4040 | 13.3 | 4040 | 13.3 |
| 8 Track Length | 5030 | 16.5 | 5030 | 16.5 | 5030 | 16.5 | 5030 | 16.5 |
| 9 Track Gauge | 2740 | 9.0 | 2740 | 9.0 | 2740 | 9.0 | 2740 | 9.0 |
| 10 Track Width/Undercarriage Width: | | | | | | | | |
| 600 mm (24") Shoes | 3340 | 11.0 | 3340 | 11.0 | 3340 | 11.0 | 3340 | 11.0 |
| 700 mm (28") Shoes | 3440 | 11.3 | 3440 | 11.3 | 3440 | 11.3 | 3440 | 11.3 |
| 800 mm (31") Shoes | 3540 | 11.6 | 3540 | 11.6 | 3540 | 11.6 | 3540 | 11.6 |
| Bucket Type | HD | | HD | | SDV | | SDV | |
| Bucket Capacity | 2.41 m ³ | 3.15 yd ³ | 2.41 m ³ | 3.15 yd ³ | 2.77 m ³ | 3.62 yd ³ | 2.77 m ³ | 3.62 yd ³ |
| Bucket Tip Radius | 1930 mm | 6.3 ft | 1930 mm | 6.3 ft | 2100 mm | 6.9 ft | 2100 mm | 6.9 ft |

345 Hydraulic Excavator Specifications

Working Ranges and Forces

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



Boom Options

Reach Boom
6.9 m (22'8")

Mass Boom
6.55 m (21'6")

Stick Options

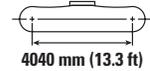
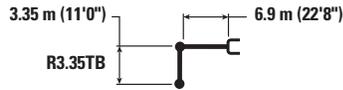
Reach Stick

Mass Stick

| | R3.35TB (11'0") | | R2.9TB (9'6") | | M3.0UB (9'10") | | M2.55UB (8'4") | |
|--|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| | mm | ft | mm | ft | mm | ft | mm | ft |
| 1 Maximum Digging Depth | 7650 | 25.1 | 7200 | 23.6 | 7280 | 23.9 | 6780 | 22.2 |
| 2 Maximum Reach at Ground Line | 11 710 | 38.4 | 11 290 | 37.0 | 11 220 | 36.8 | 10 760 | 35.3 |
| 3 Maximum Cutting Height | 10 720 | 35.2 | 10 540 | 34.6 | 10 250 | 33.6 | 10 060 | 33.0 |
| 4 Maximum Loading Height | 7390 | 24.2 | 7210 | 23.7 | 6710 | 22.0 | 6510 | 21.4 |
| 5 Minimum Loading Height | 2680 | 8.8 | 3130 | 10.3 | 2520 | 8.3 | 3020 | 9.9 |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 7500 | 25.0 | 7040 | 23.0 | 7130 | 23.0 | 6610 | 22.0 |
| 7 Maximum Vertical Wall Digging Depth | 5800 | 19.0 | 5390 | 17.7 | 4760 | 15.6 | 4320 | 14.2 |
| Bucket Digging Force (ISO) | 235 kN | 52,860 lbf | 235 kN | 52,860 lbf | 262 kN | 59,010 lbf | 262 kN | 59,010 lbf |
| Stick Digging Force (ISO) | 180 kN | 40,530 lbf | 198 kN | 44,550 lbf | 190 kN | 42,790 lbf | 216 kN | 48,540 lbf |
| Bucket Type | HD | | HD | | SDV | | SDV | |
| Bucket Capacity | 2.41 m ³ | 3.15 yd ³ | 2.41 m ³ | 3.15 yd ³ | 2.77 m ³ | 3.62 yd ³ | 2.77 m ³ | 3.62 yd ³ |
| Bucket Tip Radius | 1930 mm | 6.3 ft | 1930 mm | 6.3 ft | 2100 mm | 6.9 ft | 2100 mm | 6.9 ft |

345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *7200 *16,000 | *7200 *16,000 | 7180 280 |
| 7500 mm 300 in | kg lb | | | | | | | *9150 *20,100 | *9150 *20,100 | | | *6750 *14,900 | *6750 *14,900 | 8390 330 |
| 6000 mm 240 in | kg lb | | | | | | | *9500 *20,750 | 9400 20,200 | *8000 | 6950 | *6600 *14,550 | *6600 *14,550 | 9190 360 |
| 4500 mm 180 in | kg lb | | | *15 650 *33,650 | *15 650 *33,650 | *12 100 *26,150 | *12 100 *26,150 | *10 200 *22,200 | 9050 19,500 | *9100 *19,800 | 6800 14,600 | *6700 *14,700 | 6000 13,250 | 9690 380 |
| 3000 mm 120 in | kg lb | | | *18 950 *40,750 | 18 050 38,950 | *13 650 *29,500 | 11 950 25,750 | *11 050 *23,900 | 8650 18,650 | *9450 *20,550 | 6600 14,200 | *6950 *15,300 | 5650 12,450 | 9950 400 |
| 1500 mm 60 in | kg lb | | | *16 950 *40,550 | *16 950 36,500 | *14 800 *32,050 | 11 300 24,400 | *11 650 *25,300 | 8300 17,900 | 9400 20,200 | 6400 13,800 | *7450 *16,350 | 5500 12,150 | 9970 400 |
| 0 mm 0 in | kg lb | | | *18 350 *42,650 | 16 550 35,550 | *15 200 *32,900 | 10 950 23,550 | *11 950 *25,850 | 8050 17,350 | 9250 19,900 | 6250 13,450 | *8250 *18,100 | 5600 12,300 | 9750 390 |
| -1500 mm -60 in | kg lb | *12 550 *28,400 | *12 550 *28,400 | *19 300 *41,850 | 16 500 35,400 | *14 750 *32,000 | 10 750 23,200 | *11 650 *25,150 | 7900 17,050 | 9200 19,750 | 6200 13,350 | *8800 *19,350 | 5950 13,100 | 9300 370 |
| -3000 mm -120 in | kg lb | *20 150 *45,550 | *20 150 *45,550 | *17 200 *37,300 | 16 650 35,750 | *13 500 *29,150 | 10 800 23,250 | *10 600 *22,750 | 7950 17,100 | | | *8650 *19,050 | 6700 14,850 | 8550 340 |
| -4500 mm -180 in | kg lb | *17 350 *37,400 | *17 350 *37,400 | *14 050 *30,150 | *14 050 *30,150 | *11 050 *23,600 | 11 000 *23,600 | | | | | *8200 *17,950 | *8200 *17,950 | 7430 290 |



ISO 10567:2007



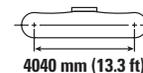
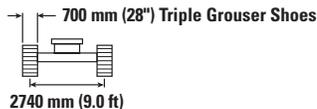
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *7200 *16,000 | *7200 *16,000 | 7180 280 |
| 7500 mm 300 in | kg lb | | | | | | | *9150 *20,100 | *9150 *20,100 | | | *6750 *14,900 | *6750 *14,900 | 8390 330 |
| 6000 mm 240 in | kg lb | | | | | | | *9500 *20,750 | 9300 20,000 | *8000 | 6900 | *6600 *14,550 | *6600 *14,550 | 9190 360 |
| 4500 mm 180 in | kg lb | | | *15 650 *33,650 | *15 650 *33,650 | *12 100 *26,150 | *12 100 *26,150 | *10 200 *22,200 | 9000 19,350 | *9100 *19,800 | 6750 14,450 | *6700 *14,700 | 5950 13,150 | 9690 380 |
| 3000 mm 120 in | kg lb | | | *18 950 *40,750 | 17 900 38,650 | *13 650 *29,500 | 11 850 25,550 | *11 050 *23,900 | 8600 18,500 | *9450 20,450 | 6550 14,050 | *6950 *15,300 | 5600 12,300 | 9950 400 |
| 1500 mm 60 in | kg lb | | | *16 950 *40,550 | 16 800 36,200 | *14 800 *32,050 | 11 200 24,200 | *11 650 *25,300 | 8250 17,700 | 9300 20,000 | 6350 13,650 | *7450 *16,350 | 5450 12,000 | 9970 400 |
| 0 mm 0 in | kg lb | | | *18 350 *42,650 | 16 400 35,250 | *15 200 *32,900 | 10 850 23,350 | 11 900 25,600 | 7950 17,150 | 9150 19,700 | 6200 13,350 | 8150 17,950 | 5550 12,200 | 9750 390 |
| -1500 mm -60 in | kg lb | *12 550 *28,400 | *12 550 *28,400 | *19 300 *41,850 | 16 350 35,100 | *14 750 *32,000 | 10 650 23,000 | *11 650 *25,150 | 7850 16,900 | 9100 19,600 | 6150 13,250 | 8700 19,200 | 5900 13,000 | 9300 370 |
| -3000 mm -120 in | kg lb | *20 150 *45,550 | *20 150 *45,550 | *17 200 *37,300 | 16 500 35,400 | *13 500 *29,150 | 10 700 23,050 | *10 600 *22,750 | 7850 16,950 | | | *8650 *19,050 | 6650 14,700 | 8550 340 |
| -4500 mm -180 in | kg lb | *17 350 *37,400 | *17 350 *37,400 | *14 050 *30,150 | *14 050 *30,150 | *11 050 *23,600 | 10 900 23,550 | | | | | *8200 *17,950 | *8200 *17,950 | 7430 290 |



ISO 10567:2007



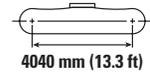
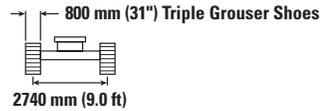
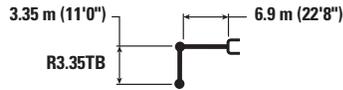
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *7200 *16,000 | *7200 *16,000 | 7180 280 |
| 7500 mm 300 in | kg lb | | | | | | | *9150 *20,100 | *9150 *20,100 | | | *6750 *14,900 | *6750 *14,900 | 8390 330 |
| 6000 mm 240 in | kg lb | | | | | | | *9500 *20,750 | 9450 20,300 | *8000 | 6950 | *6600 *14,550 | *6600 *14,550 | 9190 360 |
| 4500 mm 180 in | kg lb | | | *15 650 *33,650 | *15 650 *33,650 | *12 100 *26,150 | *12 100 *26,150 | *10 200 *22,200 | 9100 19,600 | *9100 *19,800 | 6850 14,700 | *6700 *14,700 | 6050 13,350 | 9690 380 |
| 3000 mm 120 in | kg lb | | | *18 950 *40,750 | 18 150 39,150 | *13 650 *29,500 | 12 000 25,900 | *11 050 *23,900 | 8700 18,750 | *9450 *20,550 | 6650 14,250 | *6950 *15,300 | 5700 12,500 | 9950 400 |
| 1500 mm 60 in | kg lb | | | *16 950 *40,550 | *16 950 *36,700 | *14 800 *32,050 | 11 400 24,550 | *11 650 *25,300 | 8350 18,000 | 9450 20,350 | 6450 13,850 | *7450 *16,350 | 5550 12,200 | 9970 400 |
| 0 mm 0 in | kg lb | | | *18 350 *42,650 | 16 650 35,750 | *15 200 *32,900 | 11 000 23,700 | *11 950 *25,850 | 8100 17,450 | 9300 20,000 | 6300 13,550 | *8250 *18,100 | 5650 12,400 | 9750 390 |
| -1500 mm -60 in | kg lb | *12 550 *28,400 | *12 550 *28,400 | *19 300 *41,850 | 16 550 35,600 | *14 750 *32,000 | 10 850 23,300 | *11 650 *25,150 | 7950 17,150 | 9250 *19,850 | 6250 13,450 | *8800 *19,350 | 6000 13,200 | 9300 370 |
| -3000 mm -120 in | kg lb | *20 150 *45,550 | *20 150 *45,550 | *17 200 *37,300 | 16 700 35,900 | *13 500 *29,150 | 10 850 23,400 | *10 600 *22,750 | 8000 17,200 | | | *8650 *19,050 | 6750 14,900 | 8550 340 |
| -4500 mm -180 in | kg lb | *17 350 *37,400 | *17 350 *37,400 | *14 050 *30,150 | *14 050 *30,150 | *11 050 *23,600 | *11 050 *23,600 | | | | | *8200 *17,950 | *8200 *17,950 | 7430 290 |



ISO 10567:2007



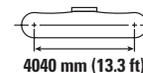
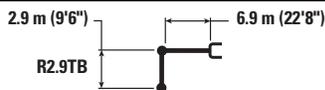
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *8600 *19,150 | *8600 *19,150 | 6600 260 |
| 7500 mm 300 in | kg lb | | | | | | | *9750 *20,850 | 9400 20,150 | | | *8000 *17,700 | *8000 *17,700 | 7890 310 |
| 6000 mm 240 in | kg lb | | | | | *11 300 *24,450 | *11 300 *24,450 | *9950 *21,750 | 9250 19,900 | | | *7850 *17,250 | 7200 15,950 | 8740 350 |
| 4500 mm 180 in | kg lb | | | *16 800 *35,950 | *16 800 *35,950 | *12 700 *27,400 | 12 500 26,950 | *10 600 *23,000 | 8950 19,250 | *9400 *20,050 | 6750 14,450 | *7950 *17,450 | 6400 14,150 | 9270 370 |
| 3000 mm 120 in | kg lb | | | *18 950 *42,700 | 17 600 38,000 | *14 150 *30,500 | 11 800 25,400 | *11 350 *24,550 | 8600 18,500 | 9550 20,550 | 6550 14,100 | *8300 *18,200 | 6000 13,200 | 9530 380 |
| 1500 mm 60 in | kg lb | | | *12 600 *30,850 | *12 600 *30,850 | *15 050 *32,600 | 11 200 24,200 | *11 850 *25,650 | 8250 17,800 | 9350 20,150 | 6400 13,750 | 8600 18,900 | 5850 12,900 | 9550 380 |
| 0 mm 0 in | kg lb | | | *17 000 *39,700 | 16 550 35,550 | *15 200 *32,900 | 10 900 23,500 | *11 950 *25,850 | 8050 17,300 | 9250 19,900 | 6250 13,500 | 8800 19,350 | 6000 13,150 | 9330 370 |
| -1500 mm -60 in | kg lb | *12 550 *28,600 | *12 550 *28,600 | *18 550 *40,300 | 16 550 35,600 | *14 500 *31,450 | 10 800 23,250 | *11 450 *24,750 | 7950 17,150 | | | *9150 *20,150 | 6400 14,100 | 8850 350 |
| -3000 mm -120 in | kg lb | *19 350 *42,300 | *19 350 *42,300 | *16 250 *35,200 | *16 250 *35,200 | *12 950 *27,950 | 10 900 23,450 | *10 100 *21,500 | 8000 17,300 | | | *8900 *19,600 | 7350 16,200 | 8060 320 |
| -4500 mm -180 in | kg lb | | | *12 650 *27,150 | *12 650 *27,150 | *10 050 *21,250 | *10 050 *21,250 | | | | | *8200 *17,900 | *8200 *17,900 | 6860 270 |



ISO 10567:2007



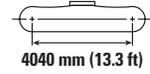
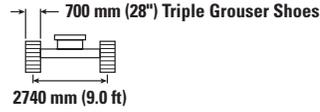
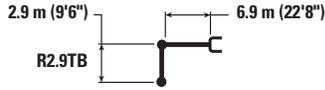
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *8600 *19,150 | *8600 *19,150 | 6600 260 |
| 7500 mm 300 in | kg lb | | | | | | | *9750 *20,850 | 9350 20,000 | | | *8000 *17,700 | *8000 *17,700 | 7890 310 |
| 6000 mm 240 in | kg lb | | | | | *11 300 *24,450 | *11 300 *24,450 | *9950 *21,750 | 9200 19,750 | | | *7850 *17,250 | 7150 15,850 | 8740 350 |
| 4500 mm 180 in | kg lb | | | *16 800 *35,950 | *16 800 *35,950 | *12 700 *27,400 | 12 400 26,750 | *10 600 *23,000 | 8900 19,100 | *9400 *20,050 | 6650 14,300 | *7950 *17,450 | 6350 14,050 | 9270 370 |
| 3000 mm 120 in | kg lb | | | *18 950 *42,700 | 17 450 37,700 | *14 150 *30,500 | 11 700 25,200 | *11 350 *24,550 | 8500 18,350 | 9450 20,350 | 6500 13,950 | *8300 *18,200 | 5950 13,100 | 9530 380 |
| 1500 mm 60 in | kg lb | | | *12 600 *30,850 | *12 600 *30,850 | *15 050 *32,600 | 11 100 23,950 | *11 850 *25,650 | 8200 17,650 | 9300 20,000 | 6350 13,600 | 8500 18,750 | 5800 12,750 | 9550 380 |
| 0 mm 0 in | kg lb | | | *17 000 *39,700 | 16 400 35,250 | *15 200 *32,900 | 10 800 23,250 | 11 900 25,600 | 7950 17,150 | 9150 19,700 | 6200 13,400 | 8700 19,200 | 5900 13,000 | 9330 370 |
| -1500 mm -60 in | kg lb | *12 550 *28,600 | *12 550 *28,600 | *18 550 *40,300 | 16 450 35,300 | *14 500 *31,450 | 10 700 23,050 | *11 450 *24,750 | 7900 16,950 | | | *9150 *20,150 | 6350 14,000 | 8850 350 |
| -3000 mm -120 in | kg lb | *19 350 *42,300 | *19 350 *42,300 | *16 250 *35,200 | *16 250 *35,200 | *12 950 *27,950 | 10 800 23,250 | *10 100 *21,500 | 7950 17,150 | | | *8900 *19,600 | 7250 16,050 | 8060 320 |
| -4500 mm -180 in | kg lb | | | *12 650 *27,150 | *12 650 *27,150 | *10 050 *21,250 | *10 050 *21,250 | | | | | *8200 *17,900 | *8200 *17,900 | 6860 270 |



ISO 10567:2007



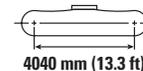
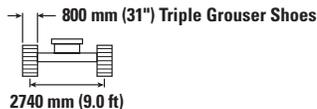
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *8600 *19,150 | *8600 *19,150 | 6600 260 |
| 7500 mm 300 in | kg lb | | | | | | | *9750 *20,850 | 9450 20,250 | | | *8000 *17,700 | *8000 *17,700 | 7890 310 |
| 6000 mm 240 in | kg lb | | | | | *11 300 *24,450 | *11 300 *24,450 | *9950 *21,750 | 9300 20,000 | | | *7850 *17,250 | 7250 16,050 | 8740 350 |
| 4500 mm 180 in | kg lb | | | *16 800 *35,950 | *16 800 *35,950 | *12 700 *27,400 | 12 550 27,100 | *10 600 *23,000 | 9000 19,350 | *9400 *20,050 | 6750 14,500 | *7950 *17,450 | 6450 14,250 | 9270 370 |
| 3000 mm 120 in | kg lb | | | *18 950 *42,700 | 17 700 38,200 | *14 150 *30,500 | 11 850 25,550 | *11 350 *24,550 | 8650 18,600 | 9600 20,650 | 6600 14,150 | *8300 *18,200 | 6050 13,300 | 9530 380 |
| 1500 mm 60 in | kg lb | | | *12 600 *30,850 | *12 600 *30,850 | *15 050 *32,600 | 11 300 24,300 | *11 850 *25,650 | 8300 17,900 | 9450 20,300 | 6400 13,800 | 8650 19,000 | 5900 12,950 | 9550 380 |
| 0 mm 0 in | kg lb | | | *17 000 *39,700 | 16 650 35,750 | *15 200 *32,900 | 10 950 23,600 | *11 950 *25,900 | 8100 17,400 | 9300 20,050 | 6300 13,600 | 8850 19,500 | 6000 13,250 | 9330 370 |
| -1500 mm -60 in | kg lb | *12 550 *28,600 | *12 550 *28,600 | *18 550 *40,300 | 16 650 35,800 | *14 500 *31,450 | 10 850 23,400 | *11 450 *24,750 | 8000 17,250 | | | *9150 *20,150 | 6450 14,200 | 8850 350 |
| -3000 mm -120 in | kg lb | *19 350 *42,300 | *19 350 *42,300 | *16 250 *35,200 | *16 250 *35,200 | *12 950 *27,950 | 10 950 23,550 | *10 100 *21,500 | 8050 17,400 | | | *8900 *19,600 | 7350 16,300 | 8060 320 |
| -4500 mm -180 in | kg lb | | | *12 650 *27,150 | *12 650 *27,150 | *10 050 *21,250 | *10 050 *21,250 | | | | | *8200 *17,900 | *8200 *17,900 | 6860 270 |



ISO 10567:2007



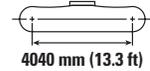
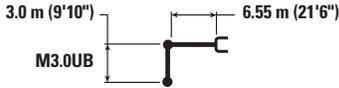
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

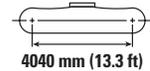
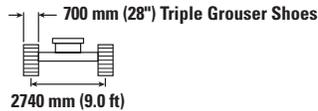
345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *8400 | *8400 | | | *7900 *17,500 | *7900 *17,500 | 7570 300 |
| 6000 mm 240 in | kg lb | | | | | | | *9500 *20,750 | 9000 19,250 | | | *7650 *16,900 | 7300 16,200 | 8450 330 |
| 4500 mm 180 in | kg lb | | | *15 250 *32,750 | *15 250 *32,750 | *11 850 *25,600 | *11 850 *25,600 | *10 050 *21,850 | 8650 18,600 | | | *7750 *17,000 | 6400 14,100 | 9000 360 |
| 3000 mm 120 in | kg lb | | | *18 400 *39,500 | 17 550 37,850 | *13 300 *28,700 | 11 500 24,800 | *10 750 *23,300 | 8250 17,800 | 9200 19,800 | 6200 13,300 | *8050 *17,700 | 5900 13,050 | 9270 370 |
| 1500 mm 60 in | kg lb | | | *20 000 *43,250 | 16 400 35,300 | *14 350 *31,050 | 10 850 23,400 | *11 300 *24,500 | 7900 17,000 | 9050 19,400 | 6050 12,950 | 8600 18,950 | 5750 12,650 | 9290 370 |
| 0 mm 0 in | kg lb | | | *19 850 *43,050 | 15 950 34,350 | *14 700 *31,750 | 10 450 22,550 | *11 500 *24,850 | 7650 16,450 | 8900 19,400 | 5900 | 8800 19,400 | 5850 12,900 | 9060 360 |
| -1500 mm -60 in | kg lb | *15 000 *34,000 | *15 000 *34,000 | *18 550 *40,300 | 15 950 34,200 | *14 150 *30,600 | 10 300 22,200 | *11 050 *23,800 | 7550 16,250 | | | *9150 *20,100 | 6300 13,900 | 8570 340 |
| -3000 mm -120 in | kg lb | *20 700 *44,950 | *20 700 *44,950 | *16 250 *35,200 | 16 150 34,650 | *12 600 *27,150 | 10 400 22,400 | *9500 *20,200 | 7650 16,500 | | | *8950 *19,700 | 7350 16,250 | 7750 310 |
| -4500 mm -180 in | kg lb | | | *12 500 *26,700 | *12 500 *26,700 | *9450 *19,750 | *9450 *19,750 | | | | | *8250 *18,050 | *8250 *18,050 | 6490 260 |

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *8400 | *8400 | | | *7900 *17,500 | *7900 *17,500 | 7570 300 |
| 6000 mm 240 in | kg lb | | | | | | | *9500 *20,750 | 8900 19,100 | | | *7650 *16,900 | 7200 16,050 | 8450 330 |
| 4500 mm 180 in | kg lb | | | *15 250 *32,750 | *15 250 *32,750 | *11 850 *25,600 | *11 850 *25,600 | *10 050 *21,850 | 8600 18,450 | | | *7750 *17,000 | 6350 14,000 | 9000 360 |
| 3000 mm 120 in | kg lb | | | *18 400 *39,500 | 17 400 37,500 | *13 300 *28,700 | 11 400 24,600 | *10 750 *23,300 | 8200 17,600 | 9150 19,600 | 6150 13,200 | *8050 *17,700 | 5850 12,900 | 9270 370 |
| 1500 mm 60 in | kg lb | | | *20 000 *43,250 | 16 250 34,950 | *14 350 *31,050 | 10 750 23,200 | *11 300 *24,500 | 7800 16,850 | 8950 19,200 | 5950 12,800 | 8500 18,750 | 5700 12,500 | 9290 370 |
| 0 mm 0 in | kg lb | | | *19 850 *43,050 | 15 800 34,000 | *14 700 *31,750 | 10 350 22,300 | *11 500 *24,750 | 7550 16,300 | 8800 19,200 | 5850 | 8750 19,200 | 5800 12,750 | 9060 360 |
| -1500 mm -60 in | kg lb | *15 000 *34,000 | *15 000 *34,000 | *18 550 *40,300 | 15 800 33,900 | *14 150 *30,600 | 10 200 22,000 | *11 050 *23,800 | 7450 16,100 | | | *9150 *20,100 | 6250 13,800 | 8570 340 |
| -3000 mm -120 in | kg lb | *20 700 *44,950 | *20 700 *44,950 | *16 250 *35,200 | 16 000 34,350 | *12 600 *27,150 | 10 300 22,200 | *9500 *20,200 | 7550 16,350 | | | *8950 *19,700 | 7250 16,100 | 7750 310 |
| -4500 mm -180 in | kg lb | | | *12 500 *26,700 | *12 500 *26,700 | *9450 *19,750 | *9450 *19,750 | | | | | *8250 *18,050 | *8250 *18,050 | 6490 260 |



ISO 10567:2007



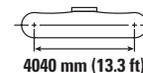
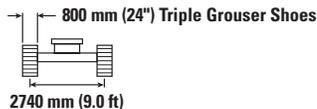
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

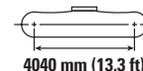
345 Hydraulic Excavator Specifications

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 9000 mm/360 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|-----------------|----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *8400 | *8400 | | | *7900 *17,500 | *7900 *17,500 | 7570 300 |
| 6000 mm 240 in | kg lb | | | | | | | *9500 *20,750 | 9000 19,350 | | | *7650 *16,900 | 7300 16,250 | 8450 330 |
| 4500 mm 180 in | kg lb | | | *15 250 *32,750 | *15 250 *32,750 | *11 850 *25,600 | *11 850 *25,600 | *10 050 *21,850 | 8700 18,700 | | | *7750 *17,000 | 6400 14,200 | 9000 360 |
| 3000 mm 120 in | kg lb | | | *18 400 *39,500 | 17 600 38,050 | *13 300 *28,700 | 11 550 24,950 | *10 750 *23,300 | 8300 17,850 | *9250 19,900 | 6250 13,400 | *8050 *17,700 | 5950 13,100 | 9270 370 |
| 1500 mm 60 in | kg lb | | | *20 000 *43,250 | 16 450 35,500 | *14 350 *31,050 | 10 900 23,550 | *11 300 *24,500 | 7950 17,100 | 9100 19,500 | 6050 13,050 | 8650 19,050 | 5800 12,700 | 9290 370 |
| 0 mm 0 in | kg lb | | | *19 850 *43,050 | 16 050 34,500 | *14 700 *31,750 | 10 550 22,650 | *11 500 *24,850 | 7700 16,550 | 8950 19,550 | 5950 | 8850 19,550 | 5900 12,950 | 9060 360 |
| -1500 mm -60 in | kg lb | *15 000 *34,000 | *15 000 *34,000 | *18 550 *40,300 | 16 000 34,400 | *14 150 *30,600 | 10 400 22,350 | *11 050 *23,800 | 7600 16,350 | | | *9150 *20,100 | 6350 14,000 | 8570 340 |
| -3000 mm -120 in | kg lb | *20 700 *44,950 | *20 700 *44,950 | *16 250 *35,200 | 16 200 34,850 | *12 600 *27,150 | 10 450 22,550 | *9500 *20,200 | 7700 16,600 | | | *8950 *19,700 | 7400 16,350 | 7750 310 |
| -4500 mm -180 in | kg lb | | | *12 500 *26,700 | *12 500 *26,700 | *9450 *19,750 | *9450 | | | | | *8250 *18,050 | *8250 *18,050 | 6490 260 |

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



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|--------------------|------------------|-------------|
| | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | *23,450 | *23,450 | | | *10 400 *23,000 | 10 100 22,800 | 7000 280 |
| 6000 mm 240 in | kg lb | | | | | *11 300 *24,550 | *11 300 *24,550 | *10 150 *22,200 | 8900 19,050 | *9950 *22,000 | 8050 17,900 | 7950 310 |
| 4500 mm 180 in | kg lb | | | *16 500 *35,450 | *16 500 *35,450 | *12 550 *27,100 | 12 150 26,200 | *10 600 *23,000 | 8600 18,500 | *9800 *21,600 | 6950 15,450 | 8520 340 |
| 3000 mm 120 in | kg lb | | | *19 450 *41,850 | 17 150 37,000 | *13 850 *29,950 | 11 400 24,600 | *11 150 *24,200 | 8250 17,750 | 9550 21,050 | 6450 14,200 | 8810 350 |
| 1500 mm 60 in | kg lb | | | *36,200 | 35,050 | *14 700 *31,850 | 10 850 23,350 | *11 600 *25,100 | 7950 17,050 | 9350 20,550 | 6250 13,800 | 8830 350 |
| 0 mm 0 in | kg lb | | | *19 450 *42,350 | 16 100 34,600 | *14 750 *31,950 | 10 550 22,700 | *11 550 *25,000 | 7750 16,650 | 9600 21,200 | 6400 14,100 | 8590 340 |
| -1500 mm -60 in | kg lb | *15 050 *34,350 | *15 050 *34,350 | *17 800 *38,750 | 16 150 34,700 | *13 900 *30,100 | 10 450 22,550 | *10 800 *23,250 | 7700 16,550 | *9650 *21,300 | 7000 15,450 | 8070 320 |
| -3000 mm -120 in | kg lb | *18 000 *39,300 | *18 000 *39,300 | *15 200 *32,900 | *15 200 *32,900 | *11 950 *25,700 | 10 600 22,900 | | | *9300 *20,450 | 8300 18,450 | 7190 290 |
| -4500 mm -180 in | kg lb | | | *10 800 | *10 800 | | | | | *8100 *18,300 | *8100 *18,300 | 5810 220 |



ISO 10567:2007



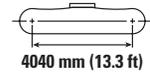
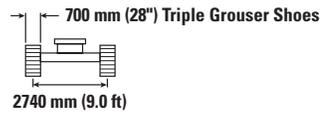
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

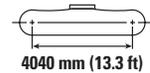
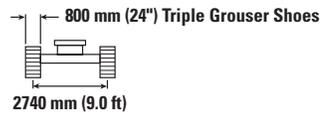
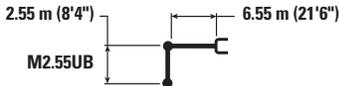
345 Hydraulic Excavator Specifications

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



| Boom Length mm in | kg lb | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|-------------------------|----------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------------|---------------------------|-------------------------|--------------------|
| | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | *23,450 | *23,450 | | | *10 400 *23,000 | 10 000 22,600 | 7000 280 |
| 6000 mm 240 in | kg lb | | | | | *11 300 *24,550 | *11 300 *24,550 | *10 150 *22,200 | 8800 18,900 | *9950 *22,000 | 7950 17,700 | 7950 310 |
| 4500 mm 180 in | kg lb | | | *16 500 *35,450 | *16 500 *35,450 | *12 550 *27,100 | 12 050 25,950 | *10 600 *23,000 | 8550 18,350 | *9800 *21,600 | 6900 15,300 | 8520 340 |
| 3000 mm 120 in | kg lb | | | *19 450 *41,850 | 17 000 36,700 | *13 850 *29,950 | 11 300 24,400 | *11 150 *24,200 | 8150 17,600 | 9450 20,850 | 6400 14,050 | 8810 350 |
| 1500 mm 60 in | kg lb | | | *36,200 | 34,750 | *14 700 *31,850 | 10 750 23,150 | *11 600 *25,100 | 7850 16,900 | 9250 20,350 | 6200 13,650 | 8830 350 |
| 0 mm 0 in | kg lb | | | *19 450 *42,350 | 15 950 34,250 | *14 750 *31,950 | 10 450 22,450 | *11 550 24,950 | 7650 16,450 | 9550 21,000 | 6350 14,000 | 8590 340 |
| -1500 mm -60 in | kg lb | *15 050 *34,350 | *15 050 *34,350 | *17 800 *38,750 | 16 000 34,400 | *13 900 *30,100 | 10 350 22,300 | *10 800 *23,250 | 7600 16,400 | *9650 *21,300 | 6950 15,300 | 8070 320 |
| -3000 mm -120 in | kg lb | *18 000 *39,300 | *18 000 *39,300 | *15 200 *32,900 | *15 200 *32,900 | *11 950 *25,700 | 10 500 22,650 | | | *9300 *20,450 | 8250 18,300 | 7190 290 |
| -4500 mm -180 in | kg lb | | | *10 800 | *10 800 | | | | | *8100 *18,300 | *8100 *18,300 | 5810 220 |

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



| Boom Length mm in | kg lb | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|-------------------------|----------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------------|---------------------------|-------------------------|--------------------|
| | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | *23,450 | *23,450 | | | *10 400 *23,000 | 10 150 22,900 | 7000 280 |
| 6000 mm 240 in | kg lb | | | | | *11 300 *24,550 | *11 300 *24,550 | *10 150 *22,200 | 8950 19,150 | *9950 *22,000 | 8050 17,950 | 7950 310 |
| 4500 mm 180 in | kg lb | | | *16 500 *35,450 | *16 500 *35,450 | *12 550 *27,100 | 12 200 26,300 | *10 600 *23,000 | 8650 18,600 | *9800 *21,600 | 7000 15,500 | 8520 340 |
| 3000 mm 120 in | kg lb | | | *19 450 *41,850 | 17 200 37,200 | *13 850 *29,950 | 11 450 24,750 | *11 150 *24,200 | 8300 17,850 | 9600 21,150 | 6500 14,250 | 8810 350 |
| 1500 mm 60 in | kg lb | | | *36,200 | 35,250 | *14 700 *31,850 | 10 900 23,500 | *11 600 *25,100 | 7950 17,150 | 9400 20,700 | 6300 13,850 | 8830 350 |
| 0 mm 0 in | kg lb | | | *19 450 *42,350 | 16 200 34,800 | *14 750 *31,950 | 10 600 22,800 | *11 550 *25,000 | 7750 16,750 | 9700 21,300 | 6450 14,200 | 8590 340 |
| -1500 mm -60 in | kg lb | *15 050 *34,350 | *15 050 *34,350 | *17 800 *38,750 | 16 250 34,900 | *13 900 *30,100 | 10 550 22,650 | *10 800 *23,250 | 7750 16,650 | *9650 *21,300 | 7050 15,500 | 8070 320 |
| -3000 mm -120 in | kg lb | *18 000 *39,300 | *18 000 *39,300 | *15 200 *32,900 | *15 200 *32,900 | *11 950 *25,700 | 10 700 23,000 | | | *9300 *20,450 | 8350 18,550 | 7190 290 |
| -4500 mm -180 in | kg lb | | | *10 800 | *10 800 | | | | | *8100 *18,300 | *8100 *18,300 | 5810 220 |



ISO 10567:2007



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

345 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East and Eurasia

| | Linkage | Width | | Capacity | | Weight | | Fill % | 9.0 mt (19,842 lb) Counterweight | | | |
|---|---------|-------|----|----------------|-----------------|--------|-------|-----------|----------------------------------|---------------|--------------|--------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | Reach Boom | | Mass Boom | |
| | | | | | | | | | R2.9 (9'6") | R3.35 (11'0") | M2.55 (8'4") | M3.0 (9'10") |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | |
| Heavy Duty (HD) | TB | 1350 | 54 | 1.87 | 2.44 | 1979 | 4,363 | 100 | ● | ● | | |
| | TB | 1650 | 66 | 2.41 | 3.15 | 2220 | 4,894 | 100 | ⊖ | ⊖ | | |
| | TB | 1850 | 72 | 2.60 | 3.40 | 2349 | 5,179 | 100 | ⊖ | ○ | | |
| | TB | 1850 | 72 | 2.69 | 3.52 | 2349 | 5,179 | 100 | ⊖ | ○ | | |
| | TB | 1900 | 74 | 2.78 | 3.64 | 2427 | 5,350 | 100 | X | X | | |
| Severe Duty (SD) | TB | 1400 | 55 | 1.87 | 2.44 | 2170 | 4,783 | 90 | ● | ● | | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2327 | 5,129 | 90 | ● | ⊙ | | |
| | TB | 1900 | 75 | 2.78 | 3.64 | 2683 | 5,914 | 90 | X | X | | |
| Severe Duty (SD) – V edge | TB | 1700 | 67 | 2.41 | 3.16 | 2479 | 5,464 | 90 | ⊙ | ⊖ | | |
| Extreme Duty (XD) | TB | 1700 | 67 | 2.41 | 3.16 | 2722 | 6,000 | 90 | ⊖ | ○ | | |
| General Duty (GD) | UB | 2000 | 79 | 3.60 | 4.71 | 2890 | 6,371 | 100 | | | ◇ | ◇ |
| Heavy Duty (HD) | 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 (SD) | UB | 1550 | 61 | 2.61 | 3.41 | 2658 | 5,859 | 90 | | | ⊙ | ⊖ |
| | UB | 1600 | 64 | 2.70 | 3.53 | 2725 | 6,007 | 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 | | | ○ | ◇ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 6215 | 5785 | 6680 | 6025 |
| | | | | | | | | lb | 13,702 | 12,754 | 14,727 | 13,283 |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | |
| HD | TB | 1900 | 74 | 2.78 | 3.64 | 2427 | 5,350 | 90 | 92% | 92% | | |
| SD | TB | 1900 | 75 | 2.78 | 3.64 | 2683 | 5,914 | 92 | 97% | 97% | | |

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.

345 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Southeast Asia

| | Linkage | Width | | Capacity | | Weight | | Fill % | 9.0 mt (19,842 lb) Counterweight | | | |
|---|---------|-------|----|----------------|-----------------|--------|-------|-----------|----------------------------------|---------------|--------------|--------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | Reach Boom | | Mass Boom | |
| | | | | | | | | | R2.9 (9'6") | R3.35 (11'0") | M2.55 (8'4") | M3.0 (9'10") |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | |
| Heavy Duty | 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 | ○ | ○ | | |
| | TB | 1850 | 73 | 2.69 | 3.52 | 2527 | 5,571 | 100 | ○ | ○ | | |
| Severe Duty | TB | 1400 | 55 | 1.87 | 2.44 | 2170 | 4,783 | 90 | ● | ● | | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2369 | 5,222 | 90 | ● | ⊙ | | |
| | TB | 1700 | 67 | 2.41 | 3.16 | 2509 | 5,531 | 90 | ⊖ | ⊖ | | |
| | TB | 1550 | 61 | 2.14 | 2.80 | 2254 | 4,968 | 90 | ● | ⊙ | | |
| General Duty | UB | 2000 | 79 | 3.60 | 4.71 | 2890 | 6,371 | 100 | | | ◇ | ◇ |
| Heavy Duty | UB | 1500 | 61 | 2.50 | 3.27 | 2455 | 5,411 | 100 | | | ⊖ | ⊖ |
| | UB | 1650 | 65 | 2.77 | 3.62 | 2573 | 5,672 | 100 | | | ⊖ | ○ |
| | UB | 1750 | 70 | 3.00 | 3.92 | 2670 | 5,885 | 100 | | | ○ | ◇ |
| | UB | 1850 | 73 | 3.21 | 4.20 | 2758 | 6,079 | 100 | | | ○ | ◇ |
| | UB | 1950 | 77 | 3.43 | 4.48 | 2912 | 6,419 | 100 | | | ◇ | ◇ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 6215 | 5785 | 6680 | 6025 |
| | | | | | | | | lb | 13,702 | 12,754 | 14,727 | 13,283 |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | |
| HD | TB | 1900 | 74 | 2.78 | 3.64 | 2427 | 5,350 | 90 | 92% | 92% | | |
| SD | TB | 1900 | 75 | 2.78 | 3.64 | 2683 | 5,914 | 92 | 97% | 97% | | |

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.

345 Hydraulic Excavator Specifications

Attachments Offering Guide – Africa, Middle East and Eurasia

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

Match

* Working range front only

No Match

PIN-ON ATTACHMENTS

| Counterweight | | 9.0 mt (19,842 lb) | | | |
|------------------------------------|---------------------------|--------------------|---------------|-------------|--------------|
| | | Reach | Reach | ME | ME |
| Boom Type | | | | | |
| Stick Size | | 2.9m (9'6") | 3.35m (11'0") | 2.5m (8'2") | 3.0m (9'10") |
| Hydraulic Hammers | H140 GC | ✓ | ✓ | | |
| | H140 GC S | ✓ | ✓ | | |
| | H160 GC | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | ✓ | ✓ |
| | H180 GC | ✓ | ✓ | ✓ | ✓ |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | ✓ | ✓ |
| Multi-Processors | MP332 Concrete Cutter Jaw | | | | |
| | MP332 Demolition Jaw | | | | |
| | MP332 Pulverizer Jaw | | | | |
| | MP332 Shear Jaw | | | | |
| | MP332 Tank Shear Jaw | | | | |
| | MP332 Universal Jaw | | | | |
| | MP345 Concrete Cutter Jaw | | | ✓ | ✓ |
| | MP345 Demolition Jaw | | | ✓ | ✓ |
| | MP345 Pulverizer Jaw | | | ✓ | ✓ |
| | MP345 Shear Jaw | | | ✓ | ✓ |
| Demolition and Sorting Grapples | G345 | | | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3050 | | | ✓ | ✓* |
| | S3050 Flat Top | | | ✓* | |
| Pulverizers | P235 | | | ✓ | ✓ |
| Crushers | P335 | | | ✓ | ✓ |
| Orange Peel Grapples | GSH455-1000 | | | | |
| | GSH455-1500 | | | | |
| | GSH455-2000 | | | | |
| | GSH555-1000 | | | | |
| | GSH555-1500 | | | | |
| | GSM-50-1250 | | | | |
| | GSM-50-1500 | | | | |
| | GSM-50-2000 | | | | |
| Hydraulic Transfer Grab | CTV30-1700 | | | | |
| | CTV30-1900 | | | | |
| | CTV30-2300 | | | | |
| | CTV30-2700 | | | | |

345 Hydraulic Excavator Specifications

Attachments Offering Guide – Africa, Middle East and Eurasia (continued)

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

Match

* Working range front only

No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

| Counterweight | | 9.0 mt (19,842 lb) | | | |
|-------------------|-----------|--------------------|---------------|-------------|--------------|
| Boom Type | | Reach | Reach | ME | ME |
| Stick Size | | 2.9m (9'6") | 3.35m (11'0") | 2.5m (8'2") | 3.0m (9'10") |
| Hydraulic Hammers | H140 GC | ✓ | ✓ | | |
| | H140 GC S | ✓ | ✓ | | |
| | H160 GC | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ |
| | H180 GC | ✓* | | ✓* | |
| | H180 GC S | ✓ | ✓ | ✓ | ✓* |

CW-55 DEDICATED COUPLER ATTACHMENTS

| Counterweight | | 9.0 mt (19,842 lb) | | | |
|---------------------------------|---------------------------|--------------------|---------------|-------------|--------------|
| Boom Type | | Reach | Reach | ME | ME |
| Stick Size | | 2.9m (9'6") | 3.35m (11'0") | 2.5m (8'2") | 3.0m (9'10") |
| Hydraulic Hammers | H140 GC S | ✓ | ✓ | | |
| | H160 GC | ✓ | ✓ | | |
| | H160 GC S | ✓ | ✓ | | |
| | H160 S | | | ✓ | ✓ |
| | H180 S | | | ✓ | ✓* |
| | H180 GC | | | ✓ | |
| | H180 GC S | | | ✓ | ✓* |
| Multi-Processors | MP332 Concrete Cutter Jaw | | | | |
| | MP332 Demolition Jaw | | | | |
| | MP332 Pulverizer Jaw | | | | |
| | MP332 Shear Jaw | | | | |
| | MP332 Tank Shear Jaw | | | | |
| | MP332 Universal Jaw | | | | |
| | MP345 Concrete Cutter Jaw | | | ✓* | |
| | MP345 Demolition Jaw | | | ✓* | |
| | MP345 Pulverizer Jaw | | | ✓* | |
| MP345 Shear Jaw | | | ✓* | | |
| Demolition and Sorting Grapples | G345 | | | ✓ | ✓ |
| Pulverizers | P235 | | | ✓ | ✓ |
| Crushers | P335 | | | ✓ | ✓ |

BOOM-MOUNT ATTACHMENTS

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

345 Hydraulic Excavator Specifications

Attachments Offering Guide – Southeast Asia

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

Match

No Match

PIN-ON ATTACHMENTS

| Counterweight | | 9.0 mt (19,842 lb) | | | |
|-------------------|-----------|--------------------|---------------|-------------|--------------|
| | | Reach | Reach | ME | ME |
| Boom Type | | 2.9m (9'6") | 3.35m (11'0") | 2.5m (8'2") | 3.0m (9'10") |
| Stick Size | | 2.9m (9'6") | 3.35m (11'0") | 2.5m (8'2") | 3.0m (9'10") |
| Hydraulic Hammers | H140 GC | ✓ | ✓ | | |
| | H140 GC S | ✓ | ✓ | | |
| | H160 GC | ✓ | ✓ | ✓ | ✓ |
| | H160 GC S | ✓ | ✓ | ✓ | ✓ |
| | H160 S | | | ✓ | ✓ |
| | H180 GC | ✓ | ✓ | ✓ | ✓ |
| | H180 GC S | ✓ | ✓ | ✓ | ✓ |
| | H180 S | | | ✓ | ✓ |

345 Standard and Optional Equipment

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|---|----------|----------|---|----------|----------|
| BOOMS AND STICKS | | | SAFETY AND SECURITY | | |
| 6.9 m (22'8") Reach boom | | ✓ | Caterpillar One Key security system | ✓ | |
| 6.55 m (21'6") Mass boom | | ✓ | Lockable external tool/storage box | ✓ | |
| 2.9 m (9'6") Reach stick | | ✓ | Lockable door, fuel, and hydraulic tank locks | ✓ | |
| 3.35 m (11'0") Reach stick | | ✓ | Lockable fuel drain compartment | ✓ | |
| 2.55 m (8'4") Mass stick | | ✓ | Service platform with anti-skid plate and recessed bolts | ✓ | |
| 3.0 m (9'10") Mass stick | | ✓ | Right Hand (RH) handrail and handhold (ISO 2867:2011 compliant) | ✓ | |
| CAT TECHNOLOGY | | | Standard visibility mirror package | ✓ | |
| Cat Product Link™ | ✓ | | Signaling/warning horn | ✓ | |
| Auto hammer stop | ✓ | | Ground-level secondary engine shutoff switch | ✓ | |
| ELECTRICAL SYSTEM | | | Rearview camera and right-hand-side mirror | ✓ | |
| Maintenance-free 1,000 CCA batteries (×2) | ✓ | | Right-hand-side camera (depending on region) | | ✓ |
| Maintenance-free 1,000 CCA batteries (×4) for -32° C (-25° F) cold start capability | | ✓ | Travel alarm | | ✓ |
| Centralized electrical disconnect switch | ✓ | | SERVICE AND MAINTENANCE | | |
| LED chassis light, Left Hand (LH) boom lights, cab lights | ✓ | | Grouped location of engine oil and fuel filters | ✓ | |
| Premium surrounding light package | | ✓ | Scheduled Oil Sampling (S·O·S SM) sampling ports | ✓ | |
| ENGINE | | | Electric refueling pump with automatic shutoff | | ✓ |
| Cold start block heater | | ✓ | UNDERCARRIAGE AND STRUCTURES | | |
| Three selectable modes: Power, Smart, Eco | ✓ | | Towing eye on base frame | ✓ | |
| Automatic engine speed control | ✓ | | 9 mt (19,842 lb) counterweight | ✓ | |
| 2300 m (7,550 ft) altitude capability with no engine power de-rating | ✓ | | 600 mm (24") triple grouser track shoes | | ✓ |
| 52° C (126° F) high-ambient cooling capacity | ✓ | | 600 mm (24") HD triple grouser track shoes | | ✓ |
| Hydraulic reverse fan | | ✓ | 600 mm (24") double grouser track shoes | | ✓ |
| -18° C (0° F) cold start capability | ✓ | | 700 mm (28") triple grouser track shoes | | ✓ |
| -32° C (-25° F) cold start capability | | ✓ | 800 mm (31") triple grouser track shoes | | ✓ |
| Double element air filter with integrated pre-cleaner | ✓ | | | | |
| Remote disable (depending on region and VisionLink® subscription) | ✓ | | | | |
| HYDRAULIC SYSTEM | | | | | |
| Boom and stick regeneration circuit | ✓ | | | | |
| Electronic main control valve | ✓ | | | | |
| Automatic hydraulic oil warmup | ✓ | | | | |
| Reverse swing damping valve | ✓ | | | | |
| Automatic swing parking brake | ✓ | | | | |
| High performance hydraulic return filter | ✓ | | | | |
| Two speed travel | ✓ | | | | |
| Bio hydraulic oil capability | ✓ | | | | |
| Fine swing (depending on region) | | ✓ | | | |
| Combined two-way auxiliary circuit | | ✓ | | | |
| Combined two-way auxiliary circuit with hammer return filter | | ✓ | | | |

Cab Options

| | Essential | Deluxe |
|--|-----------|--------|
| ROPS | ● | ● |
| Operator Protective Guards (OPG) | ○ | ○ |
| High-resolution 203 mm (8") LCD touchscreen monitor | ● | ● |
| High-resolution 254 mm (10") LCD touchscreen monitor | ○ | ○ |
| Auto bi-level air conditioner | ● | ● |
| Jog dial and shortcut keys for monitor control | X | ● |
| Keyless push-to-start engine control | ● | ● |
| Height-adjustable console | X | ● |
| Tilt-up left-side console | X | ● |
| Heated air-suspension seat | X | ● |
| 51 mm (2") seat belt | ● | ● |
| Monitor integrated Bluetooth® radio with USB/Auxiliary ports | X | ● |
| 12V DC outlets | X | ● |
| Document storage | X | ● |
| Overhead storage and rear storage with nets | X | ● |
| Beverage holder | ● | ● |
| Cup holder | X | ● |
| Openable two-piece front window | ● | ● |
| One-piece front windshield | X | X |
| Rear window emergency exit | ● | ● |
| Radial wiper with washer | ● | ● |
| Parallel wiper | X | X |
| Openable polycarbonate skylight hatch | X | ● |
| LED dome light | ● | ● |
| Floor welcome light | X | ● |
| Roof sunscreen | X | ● |
| Roller front sunscreen | ● | ● |
| Roller rear sunscreen | ○ | ● |
| Washable floor mat | ● | ● |
| Beacon ready | X | ● |
| Cat Stick Steer | ○ | ● |
| Auxiliary relay | ○ | ○ |

- Standard
- Optional
- X Not available

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

- | | | |
|---|---|---|
| CAB <ul style="list-style-type: none">• Lower radial wiper• Polycarbonate hatch• LH/RH electrical pedal for tool control | SAFETY AND SECURITY <ul style="list-style-type: none">• Bluetooth receiver• Bluetooth key fob | GUARDS <ul style="list-style-type: none">• Falling object guard system• Mesh guard full front• Mesh guard lower half front• Full protecting vandalism guard |
|---|---|---|

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

© 2025 Caterpillar
All rights reserved

AEXQ4209-00 (05-2025)
Build Number: 07H
(Afr-ME, Aus-NZ, Eurasia,
Indonesia, Southeast Asia)

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

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

