



316 GC

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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316 GC Hydraulic Excavator Specifications

Engine

| | | |
|----------------------|--------------------------|---------------------|
| Engine Model | Cat® C3.6 | |
| Net Power | | |
| ISO 9249 | 77.3 kW | 104 hp |
| ISO 9249 (DIN) | 105 hp (metric) | |
| Engine Power | | |
| ISO 14396 | 82 kW | 110 hp |
| ISO 14396 (DIN) | 111 hp (metric) | |
| Bore | 98 mm | 4 in |
| Stroke | 120 mm | 5 in |
| Displacement | 3.6 L | 220 in ³ |
| Biodiesel Capability | Up to B20 ⁽¹⁾ | |

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed 2,200 rpm.
- No engine power derating required below 3000 m (9,840 ft) altitude.

⁽¹⁾Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:

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

*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* | 11.5 rpm | |
| Maximum Swing Torque | 43 kN·m | 31,634 lbf·ft |

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

Weights

| | | |
|------------------|-----------|-----------|
| Operating Weight | 14 600 kg | 32,100 lb |
|------------------|-----------|-----------|

- Long undercarriage, Heavy Duty (HD) Reach Boom, HD R2.5 (8'2") stick, General Duty (GD) 0.65 m³ (0.85 yd³) bucket, 600 mm (24") triple grouser shoes, and 3.2 mt (7,050 lb) counterweight.*

| | | |
|------------------|-----------|-----------|
| Operating Weight | 14 300 kg | 31,600 lb |
|------------------|-----------|-----------|

- Long undercarriage, HD Reach Boom, HD R2.5 (8'2") stick, GD 0.65 m³ (0.85 yd³) bucket, 500 mm (20") triple grouser shoes, and 3.2 mt (7,050 lb) counterweight.*

*Includes boom and stick with High Pressure/Auxiliary (HP/AUX) lines.

Track

| | | |
|---------------------------------------|--------|-------|
| Track Shoes Width | 500 mm | 20 in |
| Track Shoes Width | 600 mm | 24 in |
| Track Shoes Width | 700 mm | 28 in |
| Track Shoes Width | 770 mm | 30 in |
| Number of Shoes (each side) | 46 | |
| Number of Track Rollers (each side) | 7 | |
| Number of Carrier Rollers (each side) | 2 | |

Drive

| | | |
|----------------------|----------|------------|
| Gradeability | 35°/70% | |
| Maximum Travel Speed | 5.4 km/h | 3.4 mph |
| Maximum Drawbar Pull | 116 kN | 26,100 lbf |

Hydraulic System

| | | |
|--|------------|------------|
| Main System – Maximum Flow – Implement | 268 L/min | 71 gal/min |
| Maximum Pressure – Equipment – Normal | 35 000 kPa | 5,075 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,075 psi |
| Maximum Pressure – Swing | 25 900 kPa | 3,756 psi |
| Boom Cylinder – Bore | 105 mm | 4 in |
| Boom Cylinder – Stroke | 1015 mm | 40 in |
| Stick Cylinder – Bore | 120 mm | 5 in |
| Stick Cylinder – Stroke | 1197 mm | 47 in |
| Bucket Cylinder – Bore | 100 mm | 4 in |
| Bucket Cylinder – Stroke | 939 mm | 37 in |

Service Refill Capacities

| | | |
|-----------------------------------|-------|----------|
| Fuel Tank Capacity | 237 L | 62.6 gal |
| Cooling System | 11 L | 2.9 gal |
| Engine Oil (with filter) | 11 L | 2.9 gal |
| Final Drive (each) | 3 L | 0.8 gal |
| Hydraulic System (including tank) | 145 L | 38.3 gal |
| Hydraulic Tank | 77 L | 20.3 gal |

316 GC Hydraulic Excavator Specifications

Standards

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

Sound Performance

| | |
|----------------------------|-----------|
| GB 16710:2010 (external) | 103 dB(A) |
| GB 16710:2010 (inside cab) | 80 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 0.85 kg of refrigerant, which has a CO₂ equivalent of 1.216 metric tonnes.

Operating Weights and Ground Pressures

| | 500 mm (20") Triple Grouser Shoes | | 600 mm (24") Triple Grouser Shoes | | 700 mm (28") Triple Grouser Shoes | | 770 mm (30") 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 Machine Configurations | | | | | | | | |
| Base Frame with Track Rollers and Carrier Rollers | | | | | | | | |
| 3.2 mt (7,050 lb) Counterweight + Long Undercarriage Base Machine | | | | | | | | |
| HD Reach Boom + HD R2.5 (8'2") Stick + 0.65 m ³ (0.85 yd ³) GD Bucket* | 14 300 (31,600) | 43.1 (6.3) | 14 600 (32,200) | 36.6 (5.3) | 14 800 (32,600) | 31.8 (4.6) | 14 900 (33,000) | 29.2 (4.2) |
| HD Reach Boom + R3.0 (9'8") Stick + 0.65 m ³ (0.85 yd ³) GD Bucket* | 14 300 (31,600) | 42.7 (6.2) | 14 600 (32,200) | 36.3 (5.3) | 14 800 (32,700) | 31.5 (4.6) | 15 000 (33,000) | 29.0 (4.2) |

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

*Includes boom and stick with HP/AUX lines.

316 GC Hydraulic Excavator Specifications

Major Component Weights

| | kg | lb |
|--|------|--------|
| Base Machine Weight (with 3.2 mt [7,050 lb] counterweight, upper frame, long undercarriage with track rollers – does not include boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator). | 9750 | 21,500 |
| Track Shoes: | | |
| 500 mm (20") Triple Grouser Track Shoes | 1540 | 3,390 |
| 600 mm (24") Triple Grouser Track Shoes | 1810 | 3,990 |
| 700 mm (28") Triple Grouser Track Shoes with Additional Steps | 2030 | 4,780 |
| 770 mm (30") Triple Grouser Track Shoes with Additional Steps | 2170 | 4,790 |
| Two Boom Cylinders | 240 | 530 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 260 | 570 |
| Counterweight: | | |
| 3.2 mt (7,050 lb) Counterweight | 3200 | 7,050 |
| Swing Frame: | | |
| Swing Frame | 1430 | 3,150 |
| Undercarriage: | | |
| Base Frame with Track Rollers and Carrier Rollers | 2680 | 5,910 |
| Booms (including lines, pins, stick cylinder): | | |
| 4.65 m (15'3") HD Reach Boom | 1300 | 2,870 |
| 4.65 m (15'3") HD Reach Boom with HP/AUX lines | 1340 | 2,950 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| 2.5 m (8'2") HD Stick | 710 | 1,560 |
| 2.5 m (8'2") HD Stick with HP/AUX lines | 750 | 1,660 |
| 3.0 m (9'8") Reach Stick | 750 | 1,650 |
| 3.0 m (9'8") Reach Stick with HP/AUX lines | 790 | 1,740 |
| Buckets (without linkage, with tips and side cutters): | | |
| 0.65 m ³ (0.85 yd ³) GD Bucket with J-GET | 490 | 1,080 |

316 GC Hydraulic Excavator Specifications

Dimensions

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



Boom Option

HD Boom
4.65 m (15'3")

Stick Options

HD Stick
R2.5 m (8'2")

Reach Stick
R3.0 m (9'8")

1 Machine Height:

| | HD Stick R2.5 m (8'2") | Reach Stick R3.0 m (9'8") |
|--|---------------------------|------------------------------|
| Cab Height | 2790 mm | 2790 mm |
| Handrail Height | 2830 mm | 2830 mm |
| With Boom/Stick/Bucket Installed (with stick cylinder lines) | 2820 mm | 3140 mm |
| With Boom/Stick Installed (with stick cylinder lines) | 2700 mm | 2950 mm |
| With Boom Installed (with stick cylinder lines) | 2170 mm | 2170 mm |

2 Machine Length:

| | | |
|--|---------|---------|
| With Boom/Stick/Bucket Installed (with stick cylinder lines) | 7870 mm | 7870 mm |
| With Boom/Stick Installed (with stick cylinder lines) | 7870 mm | 7920 mm |
| With Boom Installed (with stick cylinder lines) | 7000 mm | 7000 mm |

3 Upperframe Width

| | | |
|--|---------|---------|
| | 2490 mm | 2490 mm |
|--|---------|---------|

4 Tail Swing Radius – 3.2 mt (7,050 lb) Counterweight

| | | |
|--|---------|---------|
| | 2350 mm | 2350 mm |
|--|---------|---------|

5 Counterweight Clearance

| | | |
|--|--------|--------|
| | 900 mm | 900 mm |
|--|--------|--------|

6 Ground Clearance

| | | |
|--|--------|--------|
| | 430 mm | 430 mm |
|--|--------|--------|

7 Track Length – Length to Center of Rollers

| | | |
|--|---------|---------|
| | 3040 mm | 3040 mm |
|--|---------|---------|

8 Overall Track Length

| | | |
|--|---------|---------|
| | 3750 mm | 3750 mm |
|--|---------|---------|

9 Track Gauge

| | | |
|--|---------|---------|
| | 1990 mm | 1990 mm |
|--|---------|---------|

10 Track Width/Undercarriage Width:

| | | |
|--------------------|---------|---------|
| 500 mm (20") Shoes | 2490 mm | 2490 mm |
| 600 mm (24") Shoes | 2590 mm | 2590 mm |
| 700 mm (28") Shoes | 2690 mm | 2690 mm |
| 770 mm (30") Shoes | 2760 mm | 2760 mm |

Bucket Type

GD

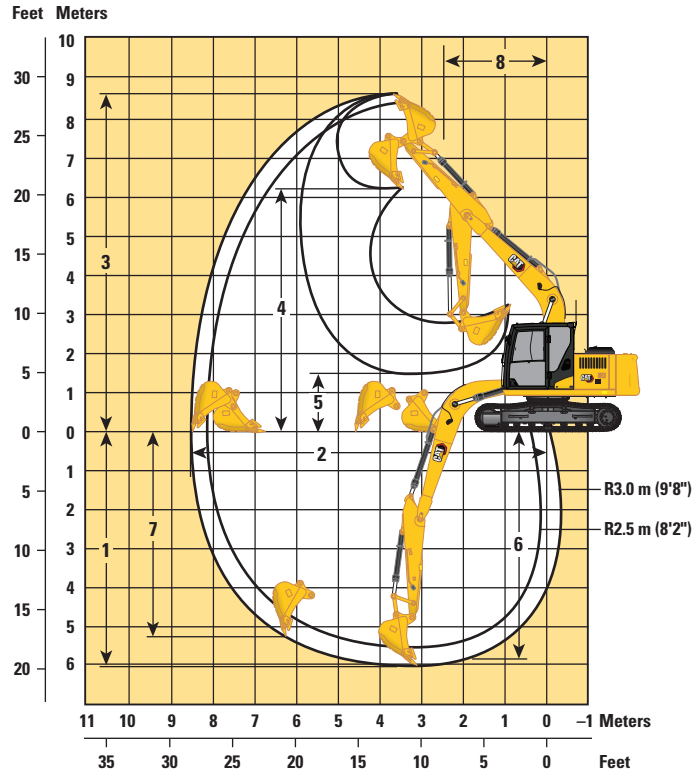
GD

| | | | | |
|-------------------|---------------------|----------------------|---------------------|----------------------|
| Bucket Capacity | 0.65 m ³ | 0.85 yd ³ | 0.65 m ³ | 0.85 yd ³ |
| Bucket Tip Radius | 1050 mm | 3'5" | 1050 mm | 3'5" |

316 GC Hydraulic Excavator Specifications

Working Ranges

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



Boom Option

HD Boom
4.65 m (15'3")

Stick Options

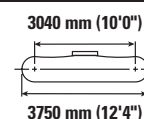
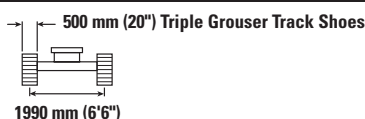
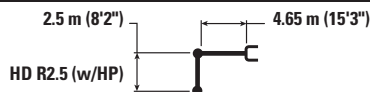
HD Stick
R2.5 m (8'2")

Reach Stick
R3.0 m (9'8")

| | HD Stick R2.5 m (8'2") | Reach Stick R3.0 m (9'8") |
|--|---------------------------|------------------------------|
| 1 Maximum Digging Depth | 5530 mm | 6030 mm |
| 2 Maximum Reach at Ground Line | 8180 mm | 8630 mm |
| 3 Maximum Cutting Height | 8500 mm | 8720 mm |
| 4 Maximum Loading Height | 6110 mm | 6340 mm |
| 5 Minimum Loading Height | 2020 mm | 1530 mm |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 5330 mm | 5850 mm |
| 7 Maximum Vertical Wall Digging Depth | 4860 mm | 5230 mm |
| 8 Minimum Working Equipment Radius | 2440 mm | 2550 mm |
| Bucket Digging Force (ISO) | 109 kN | 109 kN |
| Stick Digging Force (ISO) | 75 kN | 67 kN |
| Bucket Type | GD | GD |
| Bucket Capacity | 0.65 m ³ | 0.65 m ³ |
| Bucket Tip Radius | 1050 mm | 1050 mm |

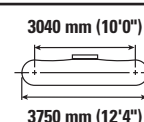
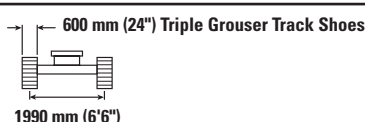
316 GC Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



| Reach Boom Lift Capacity | Unit | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | Diagram | | mm ft/in |
|--------------------------|----------|--------------------|--------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|-----------------|-----------------|---------------|
| | | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | |
| 6000 mm 20'0" | kg lb | | | | | *3400 *7,500 | *3400 *7,500 | | | *2450 *5,400 | *2450 *5,400 | 5380 17'4" |
| 4500 mm 15'0" | kg lb | | | | | *3600 *7,800 | *3600 *7,800 | *3550 *7,200 | 2650 5,700 | *2250 *4,950 | *2250 *4,950 | 6380 20'9" |
| 3000 mm 10'0" | kg lb | | | *5950 *12,700 | *5950 *12,700 | *4350 *9,450 | 4050 8,700 | *3750 *8,200 | 2600 5,550 | *2250 *4,900 | 2050 4,500 | 6910 22'7" |
| 1500 mm 5'0" | kg lb | | | *8500 *18,300 | 6700 14,450 | *5350 *11,550 | 3750 8,050 | 3800 8,200 | 2450 5,300 | *2350 *5,100 | 1900 4,200 | 7080 23'2" |
| 0 mm 0'0" | kg lb | | | *7850 *18,200 | 6350 13,600 | 5700 12,300 | 3500 7,550 | 3700 7,950 | 2350 5,050 | *2600 *5,650 | 1950 4,250 | 6930 22'8" |
| -1500 mm -5'0" | kg lb | *5550 *12,450 | *5550 *12,450 | *9250 *20,050 | 6300 13,500 | 5600 12,050 | 3450 7,400 | 3650 7,900 | 2350 5,000 | *3100 *6,850 | 2150 4,700 | 6420 21'0" |
| -3000 mm -10'0" | kg lb | *10 050 *22,600 | *10 050 *22,600 | *8100 *17,400 | 6400 13,750 | *5500 *11,750 | 3500 7,500 | | | *4150 *9,150 | 2700 6,000 | 5470 17'9" |

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



| Reach Boom Lift Capacity | Unit | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | Diagram | | mm ft/in |
|--------------------------|----------|--------------------|--------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|-----------------|-----------------|---------------|
| | | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | |
| 6000 mm 20'0" | kg lb | | | | | *3400 *7,500 | *3400 *7,500 | | | *2450 *5,400 | *2450 *5,400 | 5380 17'4" |
| 4500 mm 15'0" | kg lb | | | | | *3600 *7,800 | *3600 *7,800 | *3550 *7,200 | 2700 5,800 | *2250 *4,950 | *2250 *4,950 | 6380 20'9" |
| 3000 mm 10'0" | kg lb | | | *5950 *12,700 | *5950 *12,700 | *4350 *9,450 | 4100 8,800 | *3750 *8,200 | 2650 5,650 | *2250 *4,900 | 2100 4,600 | 6910 22'7" |
| 1500 mm 5'0" | kg lb | | | *8500 *18,300 | 6850 14,700 | *5350 *11,550 | 3800 8,200 | 3900 8,350 | 2500 5,400 | *2350 *5,100 | 1950 4,300 | 7080 23'2" |
| 0 mm 0'0" | kg lb | | | *7850 *18,200 | 6450 13,850 | 5850 12,500 | 3600 7,700 | 3800 8,100 | 2400 5,150 | *2600 *5,650 | 1950 4,300 | 6930 22'8" |
| -1500 mm -5'0" | kg lb | *5550 *12,450 | *5550 *12,450 | *9250 *20,050 | 6400 13,700 | 5750 12,300 | 3500 7,500 | 3750 8,050 | 2350 5,100 | *3100 *6,850 | 2200 4,800 | 6420 21'0" |
| -3000 mm -10'0" | kg lb | *10 050 *22,600 | *10 050 *22,600 | *8100 *17,400 | 6500 14,000 | *5500 *11,750 | 3550 7,650 | | | *4150 *9,150 | 2750 6,100 | 5470 17'9" |



ISO 10567:2007



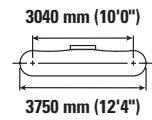
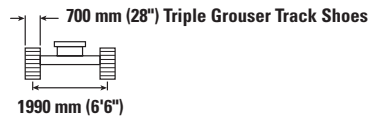
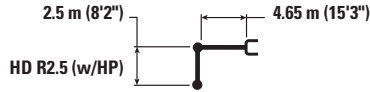
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

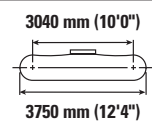
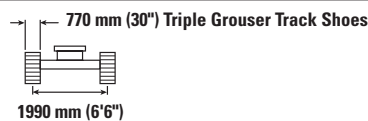
316 GC Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



| Reach | Unit | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | Diagram | | mm ft/in |
|--------------------|----------|--------------------|--------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|-----------------|-----------------|---------------|
| | | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | |
| 6000 mm 20'0" | kg lb | | | | | *3400 *7,500 | *3400 *7,500 | | | *2450 *5,400 | *2450 *5,400 | 5380 17'4" |
| 4500 mm 15'0" | kg lb | | | | | *3600 *7,800 | *3600 *7,800 | *3550 *7,200 | 2750 5,850 | *2250 *4,950 | *2250 *4,950 | 6380 20'9" |
| 3000 mm 10'0" | kg lb | | | *5950 *12,700 | *5950 *12,700 | *4350 *9,450 | 4150 8,900 | *3750 *8,200 | 2650 5,700 | *2250 *4,900 | 2100 4,650 | 6910 22'7" |
| 1500 mm 5'0" | kg lb | | | *8500 *18,300 | 6900 14,900 | *5350 *11,550 | 3850 8,300 | 3950 8,450 | 2550 5,450 | *2350 *5,100 | 2000 4,350 | 7080 23'2" |
| 0 mm 0'0" | kg lb | | | *7850 *18,200 | 6550 14,000 | 5900 12,650 | 3650 7,800 | 3850 8,200 | 2450 5,250 | *2600 *5,650 | 2000 4,400 | 6930 22'8" |
| -1500 mm -5'0" | kg lb | *5550 *12,450 | *5550 *12,450 | *9250 *20,050 | 6500 13,900 | 5800 12,450 | 3550 7,600 | 3800 8,150 | 2400 5,150 | *3100 *6,850 | 2200 4,850 | 6420 21'0" |
| -3000 mm -10'0" | kg lb | *10 050 *22,600 | *10 050 *22,600 | *8100 *17,400 | 6600 14,150 | *5500 *11,750 | 3600 7,750 | | | *4150 *9,150 | 2800 6,200 | 5470 17'9" |

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



| Reach | Unit | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | Diagram | | mm ft/in |
|--------------------|----------|--------------------|--------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|-----------------|-----------------|---------------|
| | | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | Diagram | |
| 6000 mm 20'0" | kg lb | | | | | *3400 *7,500 | *3400 *7,500 | | | *2450 *5,400 | *2450 *5,400 | 5380 17'4" |
| 4500 mm 15'0" | kg lb | | | | | *3600 *7,800 | *3600 *7,800 | *3550 *7,200 | 2750 5,900 | *2250 *4,950 | *2250 *4,950 | 6380 20'9" |
| 3000 mm 10'0" | kg lb | | | *5950 *12,700 | *5950 *12,700 | *4350 *9,450 | 4200 9,000 | *3750 *8,200 | 2700 5,750 | *2250 *4,900 | 2150 4,700 | 6910 22'7" |
| 1500 mm 5'0" | kg lb | | | *8500 *18,300 | 7000 15,000 | *5350 *11,550 | 3900 8,350 | 4000 8,550 | 2550 5,500 | *2350 *5,100 | 2000 4,400 | 7080 23'2" |
| 0 mm 0'0" | kg lb | | | *7850 *18,200 | 6600 14,150 | 5950 12,800 | 3650 7,900 | 3850 8,300 | 2450 5,300 | *2600 *5,650 | 2000 4,450 | 6930 22'8" |
| -1500 mm -5'0" | kg lb | *5550 *12,450 | *5550 *12,450 | *9250 *20,050 | 6550 14,050 | 5850 12,600 | 3600 7,700 | 3850 8,200 | 2450 5,200 | *3100 *6,850 | 2250 4,900 | 6420 21'0" |
| -3000 mm -10'0" | kg lb | *10 050 *22,600 | *10 050 *22,600 | *8100 *17,400 | 6650 14,300 | *5500 *11,750 | 3650 7,800 | | | *4150 *9,150 | 2800 6,250 | 5470 17'9" |



ISO 10567:2007



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

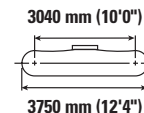
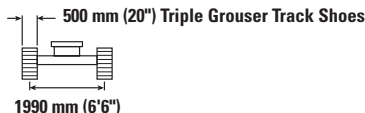
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

316 GC Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



R3.0 (w/HP)

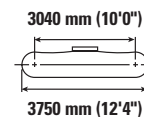
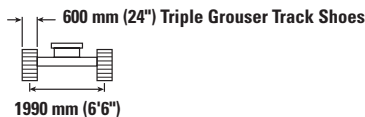


| | | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | 7500 mm/25'0" | | mm ft/in | | |
|--------------------|----------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|---------------|--|-----------------|---------------|---------------|
| | | | | | | | | | | | | | | |
| 7500 mm 25'0" | kg lb | | | | | | | | | | | *2550 *2550 | 4380 | |
| 6000 mm 20'0" | kg lb | | | | | | | | | | | *2150 *4,700 | 5960 19'3" | |
| 4500 mm 15'0" | kg lb | | | | | | | *3150 *6,950 | 2750 5,850 | | | *2000 *4,400 | 6860 22'4" | |
| 3000 mm 10'0" | kg lb | | | | | *3950 *8,500 | *3950 *8,500 | *3500 *7,600 | 2650 5,650 | | | *2000 *4,350 | 1900 4,100 | 7360 24'1" |
| 1500 mm 5'0" | kg lb | | | *7700 *16,500 | 6950 14,950 | *5000 *10,750 | 3800 8,200 | 3850 8,300 | 2500 5,350 | *2200 1750 | | *2100 *4,550 | 1750 3,850 | 7520 24'8" |
| 0 mm 0'0" | kg lb | | | *9000 *20,000 | 6400 13,700 | 5750 12,350 | 3550 7,650 | 3700 8,000 | 2350 5,100 | | | *2300 *5,050 | 1750 3,850 | 7380 24'2" |
| -1500 mm -5'0" | kg lb | *5150 *11,500 | *5150 *11,500 | *9450 *20,400 | 6250 13,350 | 5600 12,000 | 3400 7,350 | 3650 7,850 | 2300 4,950 | | | *2700 *6,000 | 1900 4,200 | 6910 22'7" |
| -3000 mm -10'0" | kg lb | *8600 *19,350 | *8600 *19,350 | *8600 *18,600 | 6300 13,500 | 5600 12,050 | 3400 7,350 | 3700 7,350 | 2350 | | | *3650 *8,100 | 2300 5,150 | 6040 19'8" |
| -4500 mm -15'0" | kg lb | | | *6450 *13,650 | *6450 *13,650 | *4050 | 3600 | | | | | *4000 *8,750 | 3600 8,150 | 4520 14'6" |

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



R3.0 (w/HP)



| | | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | 7500 mm/25'0" | | mm ft/in | | |
|--------------------|----------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|---------------|--|-----------------|---------------|---------------|
| | | | | | | | | | | | | | | |
| 7500 mm 25'0" | kg lb | | | | | | | | | | | *2550 *2550 | 4380 | |
| 6000 mm 20'0" | kg lb | | | | | | | | | | | *2150 *4,700 | 5960 19'3" | |
| 4500 mm 15'0" | kg lb | | | | | | | *3150 *6,950 | 2800 5,950 | | | *2000 *4,400 | 6860 22'4" | |
| 3000 mm 10'0" | kg lb | | | | | *3950 *8,500 | *3950 *8,500 | *3500 *7,600 | 2700 5,750 | | | *2000 *4,350 | 1900 4,200 | 7360 24'1" |
| 1500 mm 5'0" | kg lb | | | *7700 *16,500 | 7050 15,200 | *5000 *10,750 | 3900 8,350 | 3950 8,450 | 2550 5,450 | *2200 1800 | | *2100 *4,550 | 1800 3,900 | 7520 24'8" |
| 0 mm 0'0" | kg lb | | | *9000 *20,000 | 6500 13,950 | *5800 12,550 | 3600 7,750 | 3800 8,150 | 2400 5,200 | | | *2300 *5,050 | 1800 3,950 | 7380 24'2" |
| -1500 mm -5'0" | kg lb | *5150 *11,500 | *5150 *11,500 | *9450 *20,400 | 6350 13,600 | 5700 12,250 | 3500 7,500 | 3700 8,000 | 2350 5,050 | | | *2700 *6,000 | 1950 4,300 | 6910 22'7" |
| -3000 mm -10'0" | kg lb | *8600 *19,350 | *8600 *19,350 | *8600 *18,600 | 6400 13,750 | 5700 12,250 | 3500 7,500 | 3750 | 2400 | | | *3650 *8,100 | 2350 5,250 | 6040 19'8" |
| -4500 mm -15'0" | kg lb | | | *6450 *13,650 | *6450 *13,650 | *4050 | 3650 | | | | | *4000 *8,750 | 3650 8,300 | 4520 14'6" |



ISO 10567:2007



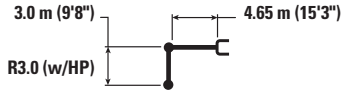
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

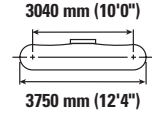
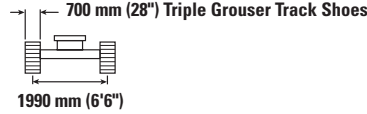
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

316 GC Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



R3.0 (w/HP)

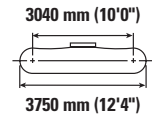
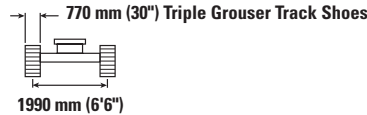


| | | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | 7500 mm/25'0" | | mm ft/in | | |
|--------------------|----------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|---------------|--|-----------------|---------------|---------------|
| | | | | | | | | | | | | | | |
| 7500 mm 25'0" | kg lb | | | | | | | | | | | *2550 *2550 | 4380 | |
| 6000 mm 20'0" | kg lb | | | | | | | | | | | *2150 *4,700 | 5960 19'3" | |
| 4500 mm 15'0" | kg lb | | | | | | | *3150 *6,950 | 2800 6,000 | | | *2000 *4,400 | 6860 22'4" | |
| 3000 mm 10'0" | kg lb | | | | | *3950 *8,500 | *3950 *8,500 | *3500 *7,600 | 2700 5,800 | | | *2000 *4,350 | 1950 4,250 | 7360 24'1" |
| 1500 mm 5'0" | kg lb | | | *7700 *16,500 | 7150 15,350 | *5000 *10,750 | 3900 8,450 | *3950 8,550 | 2600 5,500 | *2200 1800 | | *2100 *4,550 | 1800 4,000 | 7520 24'8" |
| 0 mm 0'0" | kg lb | | | *9000 *20,000 | 6600 14,100 | *5800 *12,600 | 3650 7,850 | 3850 8,250 | 2450 5,250 | | | *2300 *5,050 | 1850 4,000 | 7380 24'2" |
| -1500 mm -5'0" | kg lb | *5150 *11,500 | *5150 *11,500 | *9450 *20,400 | 6400 13,800 | 5800 12,400 | 3550 7,600 | 3750 8,100 | 2400 5,100 | | | *2700 *6,000 | 2000 4,350 | 6910 22'7" |
| -3000 mm -10'0" | kg lb | *8600 *19,350 | *8600 *19,350 | *8600 *18,600 | 6500 13,900 | 5800 12,400 | 3550 7,600 | 3800 7,600 | 2400 5,100 | | | *3650 *8,100 | 2400 5,300 | 6040 19'8" |
| -4500 mm -15'0" | kg lb | | | *6450 *13,650 | *6450 *13,650 | *4050 8,900 | 3700 8,100 | | | | | *4000 *8,750 | 3700 8,400 | 4520 14'6" |

Reach Boom Lift Capacities – Counterweight: 3.2 mt (7,050 lb) – without Bucket



R3.0 (w/HP)



| | | 1500 mm/5'0" | | 3000 mm/10'0" | | 4500 mm/15'0" | | 6000 mm/20'0" | | 7500 mm/25'0" | | mm ft/in | | |
|--------------------|----------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|---------------|--|-----------------|---------------|---------------|
| | | | | | | | | | | | | | | |
| 7500 mm 25'0" | kg lb | | | | | | | | | | | *2550 *2550 | 4380 | |
| 6000 mm 20'0" | kg lb | | | | | | | | | | | *2150 *4,700 | 5960 19'3" | |
| 4500 mm 15'0" | kg lb | | | | | | | *3150 *6,950 | 2850 6,050 | | | *2000 *4,400 | 6860 22'4" | |
| 3000 mm 10'0" | kg lb | | | | | *3950 *8,500 | *3950 *8,500 | *3500 *7,600 | 2750 5,850 | | | *2000 *4,350 | 1950 4,300 | 7360 24'1" |
| 1500 mm 5'0" | kg lb | | | *7700 *16,500 | 7200 15,500 | *5000 *10,750 | 3950 8,500 | *3950 *8,550 | 2600 5,600 | *2200 1850 | | *2100 *4,550 | 1850 4,000 | 7520 24'8" |
| 0 mm 0'0" | kg lb | | | *9000 *20,000 | 6650 14,250 | *5800 *12,600 | 3700 7,950 | 3900 8,350 | 2500 5,300 | | | *2300 *5,050 | 1850 4,050 | 7380 24'2" |
| -1500 mm -5'0" | kg lb | *5150 *11,500 | *5150 *11,500 | *9450 *20,400 | 6500 13,900 | 5850 12,550 | 3550 7,650 | 3800 8,150 | 2400 5,150 | | | *2700 *6,000 | 2000 4,400 | 6910 22'7" |
| -3000 mm -10'0" | kg lb | *8600 *19,350 | *8600 *19,350 | *8600 *18,600 | 6550 14,050 | *5800 *12,450 | 3550 7,650 | 3850 7,650 | 2450 5,150 | | | *3650 *8,100 | 2400 5,350 | 6040 19'8" |
| -4500 mm -15'0" | kg lb | | | *6450 *13,650 | *6450 *13,650 | *4050 8,900 | 3750 8,100 | | | | | *4000 *8,750 | 3750 8,450 | 4520 14'6" |



ISO 10567:2007



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

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

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

316 GC Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Taiwan

| | Linkage | Width | | Capacity | | Weight | | Fill | HD Reach Boom | |
|---|---------|-------|----|----------------|-----------------|--------|-------|------|---------------|----------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | HD R2.5 (8'2") |
| Pin-On (No Quick Coupler) | | | | | | | | | | |
| General Duty | 312 | 1050 | 42 | 0.65 | 0.85 | 479 | 1,056 | 100 | ● | |
| | 312 | 1150 | 45 | 0.70 | 0.92 | 490 | 1,080 | 90 | ● | |
| Severe Duty | 312 | 1050 | 42 | 0.65 | 0.85 | 550 | 1,212 | 100 | ● | |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 1971 | |
| | | | | | | | | lb | 4,345 | |

Bucket Specifications and Compatibility – Southeast Asia

| | Linkage | Width | | Capacity | | Weight | | Fill | HD Reach Boom | |
|---|---------|-------|----|----------------|-----------------|--------|-------|------|---------------|----------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | HD R2.5 (8'2") |
| Pin-On (No Quick Coupler) | | | | | | | | | | |
| General Duty | 312 | 1050 | 42 | 0.65 | 0.85 | 479 | 1,056 | 100 | ● | ● |
| | 312 | 1150 | 45 | 0.70 | 0.92 | 490 | 1,080 | 90 | ● | ● |
| Severe Duty | 312 | 1050 | 42 | 0.65 | 0.85 | 550 | 1,212 | 100 | ● | ◎ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 1971 | 1785 |
| | | | | | | | | lb | 4,345 | 3,934 |

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)

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.

316 GC Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa/Middle East/Eurasia

| | Linkage | Width | | Capacity | | Weight | | Fill | HD Reach Boom | |
|---|---------|-------|----|----------------|-----------------|--------|-------|------|---------------|----------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | HD R2.5 (8'2") |
| Pin-On (No Quick Coupler) | | | | | | | | | | |
| General Duty | 312 | 1100 | 43 | 0.68 | 0.89 | 495 | 1,090 | 100 | ● | ⊙ |
| | 312 | 1200 | 48 | 0.76 | 0.99 | 526 | 1,159 | 100 | ⊙ | ⊖ |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 1971 | 1785 |
| | | | | | | | | lb | 4,345 | 3,934 |

Bucket Specifications and Compatibility – South America

| | Linkage | Width | | Capacity | | Weight | | Fill | HD Reach Boom | |
|---|---------|-------|----|----------------|-----------------|--------|-------|------|---------------|----------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | HD R2.5 (8'2") |
| Pin-On (No Quick Coupler) | | | | | | | | | | |
| General Duty | 312 | 1050 | 42 | 0.65 | 0.85 | 492 | 1,084 | 100 | ● | ⊙ |
| | 312 | 1200 | 48 | 0.76 | 0.99 | 534 | 1,176 | 100 | ⊙ | ⊖ |
| Severe Duty | 312 | 1050 | 42 | 0.65 | 0.85 | 536 | 1,181 | 90 | ● | ● |
| Maximum load with pin-on (payload + bucket) | | | | | | | | kg | 1971 | 1785 |
| | | | | | | | | lb | 4,345 | 3,934 |

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)

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.

316 GC Hydraulic Excavator Specifications

Attachments Offering Guide – Taiwan

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

Match

PIN-ON ATTACHMENTS

| Undercarriage | | Long | |
|-------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H115 GC | ✓ | ✓ |
| | H115 GC S | ✓ | ✓ |
| Rotary Cutters | RC10 | ✓ | ✓ |

316 GC 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

PIN-ON ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓ |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |
| Rotary Cutters | RC10 | ✓ | ✓ |

316 GC Hydraulic Excavator Specifications

Attachments Offering Guide – Africa-Middle East

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

Match

* Working range front only

PIN-ON ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓ |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |

CW-20s DEDICATED COUPLER ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓* |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |

CW-20 DEDICATED COUPLER ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓* |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |

316 GC Hydraulic Excavator Specifications

Attachments Offering Guide – Eurasia

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

Match

* Working range front only

PIN-ON ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓ |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |
| Rotary Cutters | RC10 | ✓ | ✓ |

CW-20s DEDICATED COUPLER ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓* |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |
| Rotary Cutters | RC10 | ✓ | ✓ |
| | RC15 | ✓ | ✓ |

CW-20 DEDICATED COUPLER ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|-----------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓* |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |
| Rotary Cutters | RC10 | ✓ | ✓ |
| | RC15 | ✓ | ✓ |

316 GC Hydraulic Excavator Specifications

Attachments Offering Guide – South America

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

Match

PIN-ON ATTACHMENTS

| Undercarriage | | Long | |
|------------------------------|--------------------|-------------------|----------------|
| Counterweight | | 3.2 mt (7,050 lb) | |
| Boom Type | | Reach HD | |
| Stick Length | | 2.50 m HD (8'2") | 3.00 m (9'10") |
| Hydraulic Hammers | H110 GC | ✓ | ✓ |
| | H110 GC Side Mount | ✓ | ✓ |
| | H110 GC S | ✓ | ✓ |
| | H110 S | ✓ | ✓ |
| | H115 GC | ✓ | ✓ |
| | H115 GC Side Mount | ✓ | ✓ |
| | H115 GC S | ✓ | ✓ |
| | H115 S | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP75 | ✓ | ✓ |
| Rotary Cutters | RC10 | ✓ | ✓ |

(continued on next page)

316 GC 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 | | | ENGINE | | |
| 4.65 m (15'3") HD Reach boom | ✓ | | Three selectable modes: Power, Smart, ECO | ✓ | |
| 2.5 m (8'2") HD Reach stick | | ✓ | 52° C (125° F) high-ambient cooling capability | ✓ | |
| 3.0 m (9'8") Reach stick | | ✓ ¹ | -18° C (-0.4° F) cold start capability | ✓ ² | |
| CAB | | | -25° C (-13° F) cold start capability | | ✓ ³ |
| Sound suppressed with viscous mounts | ✓ | | Electric fuel priming pump | ✓ | |
| Operator Protective Guards (OPG) | | ✓ | Two-stage fuel filtration system | ✓ | |
| High-resolution 203 mm (8") LCD touchscreen monitor | ✓ | | Sealed double-element air filter with pre-cleaner | ✓ | |
| Mechanically adjustable seat with headrest | ✓ | | HYDRAULIC SYSTEM | | |
| Automatic bi-level air conditioner | ✓ | | Electronic main control valve | ✓ | |
| Keyless push-to-start engine control | ✓ | | Electronic control pump | ✓ | |
| Floor-mounted adjustable consoles | ✓ | | Boom and stick regeneration circuits | ✓ | |
| 1-button joystick | ✓ | | Automatic hydraulic oil warm up | ✓ | |
| 1-slider joystick | | ✓ | Automatic two-speed travel | ✓ | |
| AM/FM radio with USB and Auxiliary port | ✓ | | Hammer lines | | ✓ |
| 24V DC outlet | ✓ | | Hammer floor pedal kit | | ✓ |
| Cup holder and storage compartments | ✓ | | High performance hydraulic return filter | ✓ | |
| 70/30 tempered glass windshield | ✓ | | SAFETY AND SECURITY | | |
| Upper radial wiper with washer | ✓ | | Anti-skid plating with countersunk bolts | ✓ | |
| Openable steel hatch | ✓ | | Handrail and handhold | ✓ | |
| Dome light | ✓ | | Lockable external tool/storage box | ✓ | |
| Washable floor mat | ✓ | | Lockable disconnect switch | ✓ | |
| CAT TECHNOLOGY | | | Ground level accessible secondary engine shutoff switch | ✓ | |
| Cat Equipment Management: | | | Mirror package | ✓ | |
| - VisionLink® | ✓ ⁵ | | Rearview camera | | ✓ |
| - VisionLink Productivity | | ✓ ⁶ | Signaling/warning horn | ✓ | |
| - Remote Flash | ✓ | | Swing alarm | | ✓ |
| ELECTRICAL SYSTEM | | | Hydraulic lockout lever | ✓ | |
| 750 CCA maintenance-free batteries (×2) | ✓ | | Travel alarm with cancel switch | | ✓ ⁴ |
| 1000 CCA maintenance-free batteries (×2) | | ✓ | | | |
| Electrical disconnect switch | ✓ | | | | |
| LED left-side boom and chassis lights | ✓ | | | | |
| LED right-side boom light | | ✓ ¹ | | | |
| LED cab light | | ✓ | | | |

(continued on next page)

¹All regions except Taiwan

²All regions except Eurasia

³Standard in Eurasia; optional in Africa, Middle East, South America (excluding Brazil)

⁴Standard in South America

⁵Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

⁶VisionLink subscription required. Consult your Cat dealer for details.

316 GC 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 |
|---|----------|----------|---|----------|----------------|
| SERVICE AND MAINTENANCE | | | UNDERCARRIAGE AND STRUCTURES | | |
| Grouped location of filters | ✓ | | Grease lubricated track link | ✓ | |
| Radiator screen | ✓ | | 500 mm (20") triple grouser shoes | | ✓ ³ |
| Scheduled Oil Sampling (S·O·S SM) ports | ✓ | | 600 mm (24") triple grouser shoes | | ✓ ¹ |
| | | | 700 mm (28") triple grouser shoes with additional steps | | ✓ ⁶ |
| | | | 770 mm (30") triple grouser shoes with additional steps | | ✓ ⁷ |
| | | | Center track guiding guard | ✓ | |
| | | | Bottom guards | ✓ | |
| | | | Travel motor guards | ✓ | |
| | | | Swivel guard | | ✓ ⁸ |
| | | | 3.2 mt (7,050 lb) counterweight | ✓ | |
| | | | Tie-down points | ✓ | |

¹All regions except Taiwan

³All regions except Brazil

⁶All regions except Brazil, Taiwan, and Africa, Middle East

⁷All regions except Taiwan, and Africa, Middle East

⁸Standard in South America and Eurasia

316 GC Attachments

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

GUARDS

- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front
- Operator Protective Guards (OPG)

SERVICE PARTS

- Hammer floor pedal kit

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability>.

Engine

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:
 - ✓ 100% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuelsRefer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.
**For use of blends higher than 20% biodiesel, consult your Cat dealer.*
***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg (1.9 lb) of refrigerant which has a CO₂ equivalent of 1.216 metric tonnes (1.340 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

Sound Performance

GB 16710:2010 (external) 103 dB(A)

GB 16710:2010 (inside cab) 80 dB(A)

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

Oils and Fluids

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

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic systems balance power and efficiency
 - Automatic Engine Control (AEC) system reduces RPM when hydraulic demand is low
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode supports reduced fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Extended service intervals help decrease maintenance costs
 - Hydraulic return filter provides longer life with a 3,000-hour replacement interval



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

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

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Build Number: 05F
(Afr-ME, Eurasia, Taiwan,
S Am [excluding Chile,
Colombia], SE Asia)

