



323

Hydraulic Excavator

Technical Specifications

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

Table of Contents

323 Hydraulic Excavator

| | | | |
|--|----------|--|-----------|
| Specifications | 2 | Working Ranges | 7 |
| Engine | 2 | Reach Boom Lift Capacities | |
| Air Conditioning System | 2 | Counterweight: 4.2 mt (9,300 lb) | 9 |
| Swing Mechanism | 2 | Counterweight: 5.4 mt (11,900 lb) | 13 |
| Weights | 2 | Variable Boom Lift Capacities | |
| Track | 2 | Counterweight: 5.4 mt (11,900 lb) | 17 |
| Drive | 2 | Super Long Reach Boom Lift Capacities | |
| Hydraulic System | 2 | Counterweight: 5.4 mt (11,900 lb) | 25 |
| Service Refill Capacities | 2 | Bucket Specifications and Compatibility | 33 |
| Sound Performance | 2 | Attachments Offering Guide | 36 |
| Standards | 2 | Standard and Optional Equipment | 41 |
| Operating Weights and Ground Pressures | 3 | Dealer Installed Kits and Attachments | 43 |
| Major Component Weights | 4 | Cab Options | 44 |
| Dimensions | 5 | | |

323 Narrow, High Drawbar Hydraulic Excavator Specialty Configurations

| | | | |
|--|-----------|--|-----------|
| Key Features and Benefits | 45 | Major Component Weights | 47 |
| Specifications | 46 | Dimensions | 48 |
| Engine | 46 | Working Ranges | 50 |
| Air Conditioning System | 46 | Reach Boom Lift Capacities | |
| Swing Mechanism | 46 | Counterweight: 4.55 mt (10,031 lb) | 53 |
| Weights | 46 | Variable Boom Lift Capacities | |
| Track | 46 | Counterweight: 4.55 mt (10,031 lb) | 54 |
| Drive | 46 | Bucket Specifications and Compatibility | 58 |
| Hydraulic System | 46 | Attachments Offering Guide | 61 |
| Service Refill Capacities | 46 | Standard and Optional Equipment | 65 |
| Sound Performance | 46 | Dealer Installed Kits and Attachments | 66 |
| Standards | 46 | Cab Options | 67 |
| Operating Weights and Ground Pressures | 47 | | |



323 Hydraulic Excavator Specifications

Engine

| | | |
|--------------------------|-----------|---------------------|
| Engine Model | Cat® C7.1 | |
| Engine Power (ISO 9249) | 128 kW | 172 hp |
| Engine Power (ISO 14396) | 129 kW | 174 hp |
| Bore | 105 mm | 4 in |
| Stroke | 135 mm | 5 in |
| Displacement | 7.01 L | 428 in ³ |

- The 323 meets EU Stage V emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
- Rating at 1,800 rpm.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg of refrigerant, which has a CO₂ equivalent of 1.287 metric tonnes.

Swing Mechanism

| | | |
|----------------------|----------|---------------|
| Swing Speed | 11.3 rpm | |
| Maximum Swing Torque | 82 kN·m | 60,300 lbf-ft |

Weights

| | | |
|------------------|-----------|-----------|
| Operating Weight | 24 100 kg | 53,100 lb |
|------------------|-----------|-----------|

- 5.7 m (18'8") Reach boom, R2.9 (9'6") Reach stick, HD 1.38 m³ (1.81 yd³) bucket, and 600 mm (24 in) triple grouser track shoes.

Track

| | | |
|---------------------------------------|--------|-------|
| Standard Track Shoes Width | 600 mm | 24 in |
| Optional Track Shoes Width | 700 mm | 28 in |
| | 790 mm | 31 in |
| | 900 mm | 35 in |
| Number of Shoes (each side) | 49 | |
| Number of Track Rollers (each side) | 8 | |
| Number of Carrier Rollers (each side) | 2 | |

Drive

| | | |
|---|----------|------------|
| Maximum Gradeability | 35°/70% | |
| Maximum Travel Speed | 5.7 km/h | 3.5 mph |
| Maximum Drawbar Pull – Long Undercarriage | 203 kN | 45,614 lbf |

Hydraulic System

| | | |
|--|-----------------------------------|------------------------------------|
| Main System – Maximum Flow – Implement | 429 L/min (214.5 × 2 pumps) | 113 gal/min (56.5 × 2 pumps) |
| Maximum Pressure – Equipment – Normal | 35 000 kPa | 5,075 psi |
| Maximum Pressure – Equipment – Lift Mode | 38 000 kPa | 5,510 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Swing | 27 500 kPa | 3,998 psi |
| Boom Cylinder – Bore | 120 mm | 4.7 in |
| Boom Cylinder – Stroke | 1260 mm | 49.6 in |
| Stick Cylinder – Bore | 140 mm | 5.5 in |
| Stick Cylinder – Stroke | 1504 mm | 59.2 in |
| Bucket Cylinder – Bore | 120 mm | 4.7 in |
| Bucket Cylinder – Stroke | 1104 mm | 43.5 in |

Service Refill Capacities

| | | |
|-----------------------------------|-------|----------|
| Fuel Tank Capacity | 345 L | 86.6 gal |
| Cooling System | 25 L | 6.6 gal |
| Engine Oil | 25 L | 6.6 gal |
| Swing Drive (each) | 12 L | 3.2 gal |
| Final Drive (each) | 5 L | 1.3 gal |
| Hydraulic System (including tank) | 234 L | 61.8 gal |
| Hydraulic Tank | 115 L | 30.4 gal |
| DEF Tank | 41 L | 10.8 gal |

Sound Performance

| | |
|----------------------------|-----------|
| ISO 6395:2008 (external) | 100 dB(A) |
| ISO 6396:2008 (inside cab) | 70 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

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

323 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 600 mm (24 in) HD Triple Grouser Shoes | | 700 mm (28 in) HD Triple Grouser Shoes | | 790 mm (31 in) HD Triple Grouser Shoes | | 900 mm (35 in) HD Triple Grouser Shoes | |
|---|---|-----------------------|---|-----------------------|---|-----------------------|---|-----------------------|
| | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure | Weight | Ground Pressure |
| 5.4 mt (11,900 lb) Counterweight | | | | | | | | |
| Reach Boom + R2.9 (9'6") Stick + 1.38 m ³ (1.81 yd ³) GD Bucket | 24 100 kg (53,100 lb) | 50.1 kPa (7.3 psi) | 24 400 kg (53,800 lb) | 43.5 kPa (6.3 psi) | 24 800 kg (54,700 lb) | 39.2 kPa (5.7 psi) | 25 600 kg (56,400 lb) | 35.5 kPa (5.1 psi) |

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

323 Hydraulic Excavator Specifications

Major Component Weights

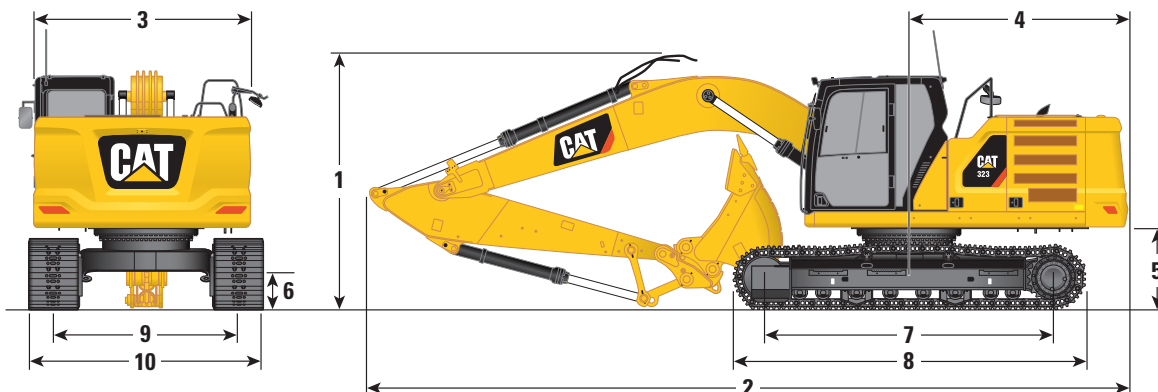
| | kg | lb |
|--|--------|--------|
| Base Machine (with 5.4 mt [11,900 lb] counterweight, HD swing frame, HD base frame with SD track rollers and standard carrier rollers for long undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator) | 16 700 | 36,800 |
| Base Machine (with 4.2 mt [9,300 lb] counterweight, semi-HD swing frame, standard base frame with HD track rollers and standard carrier rollers for long undercarriage, without boom cylinder – does not include 90% fuel and 75 kg [165 lb] operator) | 14 800 | 32,600 |
| Track Shoes: | | |
| 600 mm (24 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes | 3080 | 6,800 |
| 700 mm (28 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes | 3490 | 7,700 |
| 790 mm (31 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes with Step Extension for ISO 2867:2011 | 3800 | 8,400 |
| 900 mm (35 in) Width, 12.5 mm (0.49 in) Thick HD Triple Grouser Track Shoes with Step Extension for ISO 2867:2011 | 4180 | 9,200 |
| Boom Cylinders | 340 | 750 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 310 | 680 |
| Counterweights: | | |
| 4.2 mt (9,300 lb) Counterweight | 4200 | 9,300 |
| 5.4 mt (11,900 lb) Counterweight | 5400 | 11,900 |
| Swing Frames: | | |
| Semi-HD Swing Frame | 1910 | 4,210 |
| HD Swing Frame | 2090 | 4,600 |
| Long Undercarriages: | | |
| Standard Base Frame with HD Track Rollers and Standard Carrier Rollers | 4420 | 9,700 |
| HD Base Frame with SD Track Rollers and Standard Carrier Rollers | 4470 | 9,900 |
| Booms (including lines, pins, stick cylinder): | | |
| Reach Boom (5.7 m/18'8") | 1710 | 3,800 |
| Variable Angle Boom (2.8 m/9'2" Stub + 3.3 m/10'10" Fore) | 3050 | 6,700 |
| Super Long Reach Boom (8.85 m/29'0") | 2170 | 4,800 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| Reach Stick (R2.9B1/9'6") | 990 | 2,200 |
| Reach Stick (R2.5B1/8'2") | 970 | 2,100 |
| Super Long Reach Stick (6.28A/20'7") | 1340 | 3,000 |
| Buckets (without linkage): | | |
| 1.38 m ³ (1.81 yd ³) HD | 1040 | 2,300 |
| 0.57 m ³ (0.75 yd ³) DC | 390 | 900 |
| 0.53 m ³ (0.69 yd ³) GD | 410 | 900 |

Refer to pages 33-35 for a complete list of bucket options.

323 Hydraulic Excavator Specifications

Dimensions

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

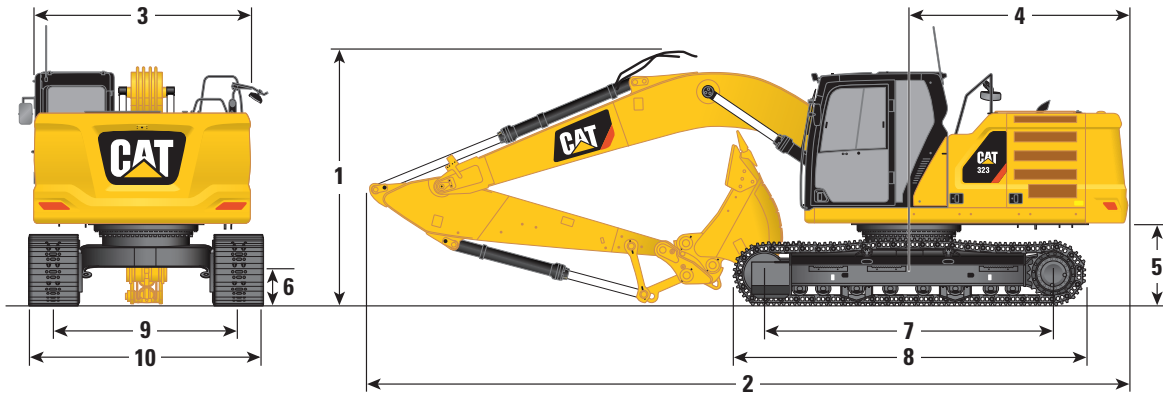


| Boom Options | Reach Boom 5.7 m (18'8") | | | | Variable Angle Boom 2.8 m (9'2") Stub/3.3 m (10'10") Fore | | | |
|---|-----------------------------|----------------------|---------------------|----------------------|--|----------------------|---------------------|----------------------|
| Stick Options | Reach Sticks | | Reach Sticks | | Reach Sticks | | Reach Sticks | |
| | R2.9B1 (9'6") | R2.5B1 (8'2") | R2.9B1 (9'6") | R2.5B1 (8'2") | R2.9B1 (9'6") | R2.5B1 (8'2") | R2.9B1 (9'6") | R2.5B1 (8'2") |
| 1 Machine Height: | | | | | | | | |
| Top of Cab Height | 2960 mm | 9'9" | 2960 mm | 9'9" | 2960 mm | 9'9" | 2960 mm | 9'9" |
| Top of FOGS Height | 3100 mm | 10'2" | 3100 mm | 10'2" | 3100 mm | 10'2" | 3100 mm | 10'2" |
| Handrails Height | 2950 mm | 9'8" | 2950 mm | 9'8" | 2950 mm | 9'8" | 2950 mm | 9'8" |
| With Boom/Stick/Bucket Installed | 3160 mm | 10'4" | 3160 mm | 10'4" | 3000 mm | 9'10" | 2910 mm | 9'6" |
| With Boom/Stick Installed | 2910 mm | 9'7" | 2910 mm | 9'7" | 2790 mm | 9'1" | 2700 mm | 8'10" |
| With Boom Installed | 2480 mm | 8'2" | 2480 mm | 8'2" | 2310 mm | 7'6" | 2310 mm | 7'6" |
| 2 Machine Length: | | | | | | | | |
| With Boom/Stick/Bucket Installed | 9530 mm | 31'3" | 9530 mm | 31'3" | 9770 mm | 32'0" | 9800 mm | 32'1" |
| With Boom/Stick Installed | 9500 mm | 31'2" | 9500 mm | 31'2" | 9780 mm | 32'1" | 9780 mm | 32'1" |
| With Boom Installed | 8450 mm | 27'9" | 8450 mm | 27'9" | 8710 mm | 28'6" | 8710 mm | 28'6" |
| 3 Upperframe Width without Walkways | 2780 mm | 9'1" | 2780 mm | 9'1" | 2780 mm | 9'1" | 2780 mm | 9'1" |
| 4 Tail Swing Radius | 2830 mm | 9'3" | 2830 mm | 9'3" | 2830 mm | 9'3" | 2830 mm | 9'3" |
| 5 Counterweight Clearance | 1050 mm | 3'5" | 1050 mm | 3'5" | 1050 mm | 3'5" | 1050 mm | 3'5" |
| 6 Ground Clearance | 470 mm | 1'7" | 470 mm | 1'7" | 470 mm | 1'7" | 470 mm | 1'7" |
| 7 Length to Center of Rollers | 3650 mm | 12'0" | 3650 mm | 12'0" | 3650 mm | 12'0" | 3650 mm | 12'0" |
| 8 Track Length | 4450 mm | 14'7" | 4450 mm | 14'7" | 4450 mm | 14'7" | 4450 mm | 14'7" |
| 9 Track Gauge | 2380 mm | 7'9" | 2380 mm | 7'9" | 2380 mm | 7'9" | 2380 mm | 7'9" |
| Track Width: | | | | | | | | |
| 600 mm (24 in) Shoes | 600 mm | 24" | 600 mm | 24" | 600 mm | 24" | 600 mm | 24" |
| 700 mm (28 in) Shoes | 700 mm | 28" | 700 mm | 28" | 700 mm | 28" | 700 mm | 28" |
| 790 mm (31 in) Shoes | 790 mm | 31" | 790 mm | 31" | 790 mm | 31" | 790 mm | 31" |
| 900 mm (35 in) Shoes | 900 mm | 35" | 900 mm | 35" | 900 mm | 35" | 900 mm | 35" |
| 10 Undercarriage Width (with steps/without steps): | | | | | | | | |
| 600 mm (24 in) Shoes | 2980 mm | 9'9" | 2980 mm | 9'9" | 2980 mm | 9'9" | 2980 mm | 9'9" |
| 700 mm (28 in) Shoes | 3080 mm | 10'1" | 3080 mm | 10'1" | 3080 mm | 10'1" | 3080 mm | 10'1" |
| 790 mm (31 in) Shoes | 3170 mm | 10'4" | 3170 mm | 10'4" | 3170 mm | 10'4" | 3170 mm | 10'4" |
| 900 mm (35 in) Shoes | 3280 mm | 10'9" | 3280 mm | 10'9" | 3280 mm | 10'9" | 3280 mm | 10'9" |
| Bucket Type | GD | | GD | | GD | | GD | |
| Bucket Capacity | 1.30 m ³ | 1.70 yd ³ | 1.30 m ³ | 1.70 yd ³ | 1.30 m ³ | 1.70 yd ³ | 1.30 m ³ | 1.70 yd ³ |
| Bucket Tip Radius | 1580 mm | 5'2" | 1580 mm | 5'2" | 1580 mm | 5'2" | 1580 mm | 5'2" |

323 Hydraulic Excavator Specifications

Dimensions

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



Boom Option

SLR Boom
8.85 m (29'0")

Stick Options

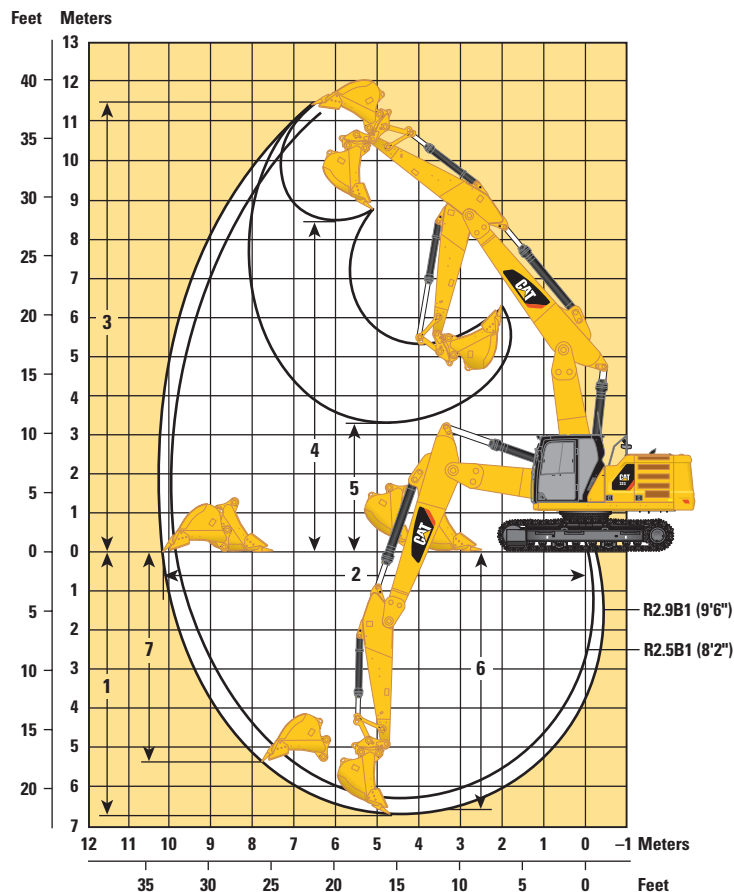
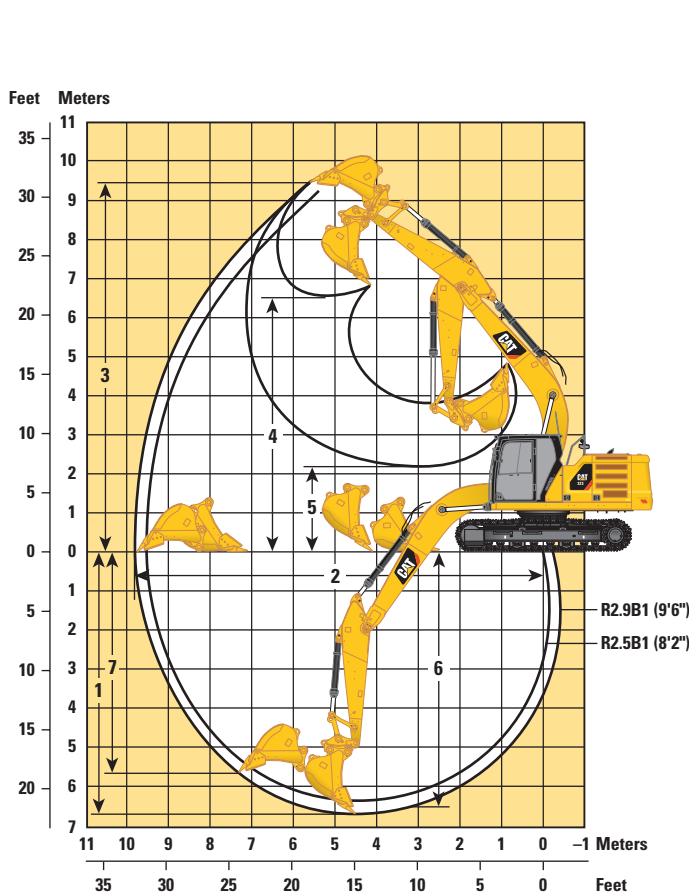
6.28A (20'7") **SLR Stick** **6.28A (20'7")**

| | | | | |
|---|---------------------|----------------------|---------------------|----------------------|
| 1 Machine Height: | | | | |
| Top of Cab Height | 2960 mm | 9'9" | 2960 mm | 9'9" |
| Top of FOGS Height | 3100 mm | 10'2" | 3100 mm | 10'2" |
| Handrails Height | 2950 mm | 9'8" | 2950 mm | 9'8" |
| With Boom/Stick/Bucket Installed | 3190 mm | 10'6" | 3190 mm | 10'6" |
| With Boom/Stick Installed | 3070 mm | 10'1" | 3070 mm | 10'1" |
| With Boom Installed | 2650 mm | 8'8" | 2650 mm | 8'8" |
| 2 Machine Length: | | | | |
| With Boom/Stick/Bucket Installed | 12 750 mm | 41'9" | 12 750 mm | 41'9" |
| With Boom/Stick Installed | 12 760 mm | 41'9" | 12 760 mm | 41'9" |
| With Boom Installed | 8920 mm | 29'3" | 8920 mm | 29'3" |
| 3 Upperframe Width without Walkways | 2780 mm | 9'1" | 2780 mm | 9'1" |
| 4 Tail Swing Radius | 2830 mm | 9'3" | 2830 mm | 9'3" |
| 5 Counterweight Clearance | 1050 mm | 3'5" | 1050 mm | 3'5" |
| 6 Ground Clearance | 470 mm | 1'7" | 470 mm | 1'7" |
| 7 Length to Center of Rollers | 3650 mm | 12'0" | 3650 mm | 12'0" |
| 8 Track Length | 4450 mm | 14'7" | 4450 mm | 14'7" |
| 9 Track Gauge | 2380 mm | 7'9" | 2380 mm | 7'9" |
| Track Width: | | | | |
| 600 mm (24 in) Shoes | 600 mm | 24" | 600 mm | 24" |
| 700 mm (28 in) Shoes | 700 mm | 28" | 700 mm | 28" |
| 790 mm (31 in) Shoes | 790 mm | 31" | 790 mm | 31" |
| 900 mm (35 in) Shoes | 900 mm | 35" | 900 mm | 35" |
| 10 Undercarriage Width (with steps/without steps): | | | | |
| 600 mm (24 in) Shoes | 2980 mm | 9'9" | 2980 mm | 9'9" |
| 700 mm (28 in) Shoes | 3080 mm | 10'1" | 3080 mm | 10'1" |
| 790 mm (31 in) Shoes | 3170 mm | 10'4" | 3170 mm | 10'4" |
| 900 mm (35 in) Shoes | 3280 mm | 10'9" | 3280 mm | 10'9" |
| Bucket Type | | DC | | GD |
| Bucket Capacity | 0.57 m ³ | 0.75 yd ³ | 0.53 m ³ | 0.69 yd ³ |
| Bucket Tip Radius | 1070 mm | 3'6" | 1230 mm | 4'0" |

323 Hydraulic Excavator Specifications

Working Ranges

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



Boom Options

Reach Boom
5.7 m (18'8")

Variable Angle Boom
2.8 m (9'2") Stub/3.3 m (10'10") Fore

Stick Options

Reach Sticks

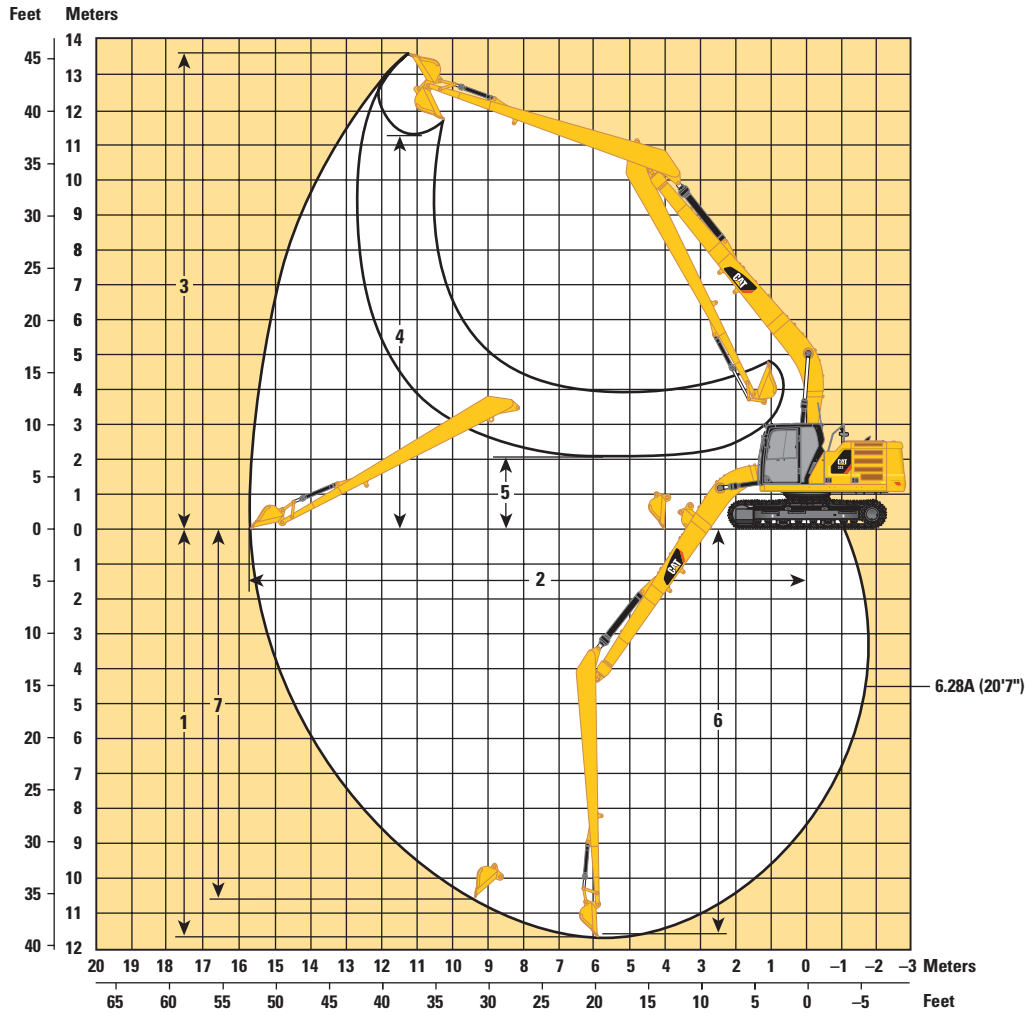
Reach Sticks

| | R2.9B1 (9'6") | | R2.5B1 (8'2") | | R2.9B1 (9'6") | | R2.5B1 (8'2") | |
|---|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| | mm | ft/in | mm | ft/in | mm | ft/in | mm | ft/in |
| 1 Maximum Digging Depth | 6730 | 22'0" | 6310 | 20'8" | 6700 | 21'11" | 6290 | 20'7" |
| 2 Maximum Reach at Ground Line | 9870 | 32'4" | 9470 | 31'0" | 10 220 | 33'6" | 9820 | 32'2" |
| 3 Maximum Cutting Height | 9450 | 31'1" | 9250 | 30'4" | 11 540 | 37'10" | 11 200 | 36'8" |
| 4 Maximum Loading Height | 6480 | 21'3" | 6280 | 20'7" | 8380 | 27'5" | 8040 | 26'4" |
| 5 Minimum Loading Height | 2160 | 7'1" | 2580 | 8'5" | 3250 | 10'7" | 3650 | 11'11" |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 6560 | 21'6" | 6120 | 20'0" | 6610 | 21'8" | 6190 | 20'3" |
| 7 Maximum Vertical Wall Digging Depth | 5740 | 18'10" | 5340 | 17'6" | 5380 | 17'7" | 4980 | 16'4" |
| Bucket Digging Force (ISO) | 140 kN | 34,308 lbf | 140 kN | 34,308 lbf | 140 kN | 34,308 lbf | 140 kN | 34,308 lbf |
| Stick Digging Force (ISO) | 107 kN | 26,094 lbf | 118 kN | 28,912 lbf | 107 kN | 26,094 lbf | 118 kN | 28,912 lbf |
| Bucket Type | GD | | GD | | GD | | GD | |
| Bucket Capacity | 1.30 m ³ | 1.70 yd ³ | 1.30 m ³ | 1.70 yd ³ | 1.30 m ³ | 1.70 yd ³ | 1.30 m ³ | 1.70 yd ³ |
| Bucket Tip Radius | 1580 mm | 5'2" | 1580 mm | 5'2" | 1580 mm | 5'2" | 1580 mm | 5'2" |

323 Hydraulic Excavator Specifications

Working Ranges

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



Boom Option

SLR Boom
8.85 m (29'0")

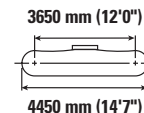
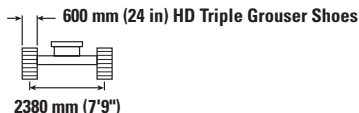
Stick Options

SLR Stick
6.28A (20'7")

| | | |
|---|---------------------|----------------------|
| 1 Maximum Digging Depth | 11 540 mm | 37'10" |
| 2 Maximum Reach at Ground Line | 15 570 mm | 51'1" |
| 3 Maximum Cutting Height | 13 540 mm | 44'5" |
| 4 Maximum Loading Height | 11 440 mm | 37'6" |
| 5 Minimum Loading Height | 2240 mm | 7'4" |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 11 440 mm | 37'6" |
| 7 Maximum Vertical Wall Digging Depth | 11 020 mm | 36'1" |
| Bucket Digging Force (ISO) | 62 kN | 13,841 lbf |
| Stick Digging Force (ISO) | 49 kN | 10,966 lbf |
| Bucket Type | DC | |
| Bucket Capacity | 0.57 m ³ | 0.75 yd ³ |
| Bucket Tip Radius | 1070 mm | 3'6" |

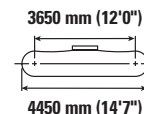
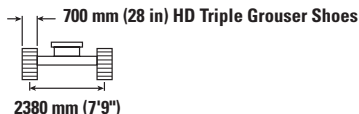
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | 5450 11,700 | *5650 *12,350 | 3850 8,250 | *3900 *8,600 | 3500 7,700 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | 7900 17,000 | *6850 *14,900 | 5200 11,200 | 5750 12,400 | 3750 8,050 | *4000 *8,800 | 3200 7,000 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 7400 15,950 | *7800 *16,900 | 4950 10,700 | 5650 12,150 | 3650 7,850 | *4250 *9,350 | 3100 6,750 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 7100 15,300 | 7650 16,500 | 4800 10,350 | 5550 11,950 | 3550 7,650 | *4700 *10,350 | 3150 6,900 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 7050 15,150 | 7600 16,300 | 4750 10,150 | 5500 11,900 | 3550 7,600 | 5250 11,600 | 3400 7,450 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | 13 700 29,300 | *10 950 *23,700 | 7100 15,300 | 7650 16,400 | 4750 10,250 | | | 6200 13,750 | 3950 8,750 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 7300 15,750 | | | | | *6750 *14,850 | 5450 12,200 | 5600 220 |

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | 5500 11,900 | *5650 *12,350 | 3900 8,400 | *3900 *8,600 | 3550 7,800 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | 8000 17,300 | *6850 *14,900 | 5300 11,400 | 5850 12,600 | 3800 8,200 | *4000 *8,800 | 3250 7,150 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 7500 16,200 | *7800 *16,900 | 5050 10,850 | 5750 12,350 | 3700 7,950 | *4250 *9,350 | 3150 6,900 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 7250 15,600 | 7800 16,800 | 4900 10,500 | 5650 12,150 | 3600 7,800 | *4700 *10,350 | 3200 7,000 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 7150 15,400 | 7700 16,600 | 4800 10,350 | 5600 12,100 | 3600 7,750 | 5350 11,800 | 3450 7,550 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | 13 900 29,800 | *10 950 *23,700 | 7250 15,550 | 7750 16,700 | 4850 10,450 | | | 6300 14,000 | 4050 8,900 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 7450 16,050 | | | | | *6750 *14,850 | 5500 12,400 | 5600 220 |



ISO 10567



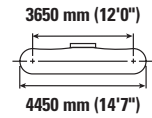
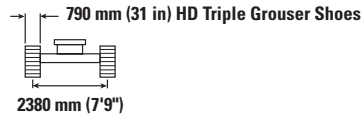
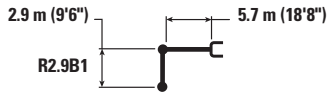
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

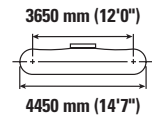
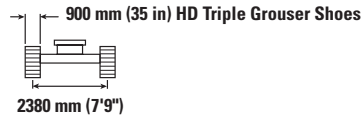
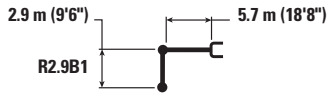
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | 5600 12,000 | *5650 *12,350 | 3950 8,500 | *3900 *8,600 | 3600 7,900 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | 8100 17,500 | *6850 *14,900 | 5350 11,500 | 5950 12,750 | 3850 8,300 | *4000 *8,800 | 3300 7,250 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 7600 16,400 | *7800 *16,900 | 5100 11,000 | 5800 12,500 | 3750 8,050 | *4250 *9,350 | 3200 6,950 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 7350 15,800 | 7900 17,000 | 4950 10,650 | 5700 12,300 | 3650 7,900 | *4700 *10,350 | 3250 7,100 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 7250 15,600 | 7800 16,800 | 4850 10,500 | 5700 12,250 | 3650 7,850 | 5450 11,950 | 3500 7,650 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | 14 100 30,150 | *10 950 *23,700 | 7300 15,750 | 7850 16,900 | 4900 10,550 | | | 6400 14,200 | 4100 9,050 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 7550 16,250 | | | | | *6750 *14,850 | 5600 12,600 | 5600 220 |

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | 5650 12,150 | *5650 *12,350 | 4000 8,650 | *3900 *8,600 | 3650 8,050 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | 8200 17,700 | *6850 *14,900 | 5400 11,700 | *6000 12,950 | 3950 8,450 | *4000 *8,800 | 3350 7,350 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 7700 16,650 | *7800 *16,900 | 5200 11,150 | 5900 12,700 | 3800 8,200 | *4250 *9,350 | 3250 7,100 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 7450 16,000 | 8050 17,250 | 5000 10,800 | 5800 12,500 | 3750 8,000 | *4700 *10,350 | 3300 7,200 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 7350 15,850 | 7950 17,100 | 4950 10,650 | 5800 12,450 | 3700 7,950 | *5500 *12,150 | 3550 7,800 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | 14 300 30,600 | *10 950 *23,700 | 7450 16,000 | 8000 17,200 | 5000 10,750 | | | 6500 14,400 | 4150 9,150 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 7650 16,450 | | | | | *6750 *14,850 | 5650 12,750 | 5600 220 |



ISO 10567



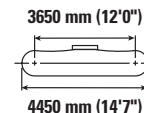
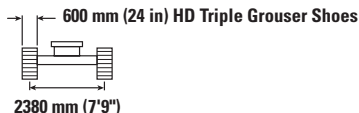
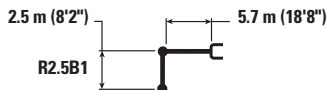
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

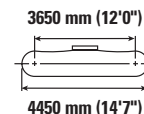
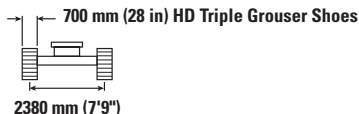
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| Reach Boom Configuration | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 3650 mm (12'0") 4450 mm (14'7") | | mm in |
|--------------------------|----------------|--------------------|--------------------|--------------------|------------------|----------------|----------------|---------------|------------------------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | |
| 7500 mm 300 in | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | | | | | *5900 *12,900 | 5500 11,800 | | | *4750 *10,500 | 4450 9,950 | 6830 270 |
| 4500 mm 180 in | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 5350 11,550 | *5250 | 3800 | *4650 *10,250 | 3750 8,250 | 7570 300 |
| 3000 mm 120 in | | | *9300 *20,000 | 7750 16,700 | *7200 *15,600 | 5150 11,050 | 5750 12,300 | 3700 8,000 | *4750 *10,450 | 3400 7,500 | 7960 320 |
| 1500 mm 60 in | | | *11 000 *23,700 | 7300 15,700 | 7800 16,800 | 4900 10,600 | 5600 12,100 | 3600 7,800 | 5050 11,150 | 3300 7,200 | 8050 320 |
| 0 mm 0 in | | | *11 700 *25,350 | 7100 15,250 | 7650 16,450 | 4800 10,300 | 5550 11,950 | 3550 7,650 | 5200 11,450 | 3350 7,350 | 7860 310 |
| -1500 mm -60 in | | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 7050 15,150 | 7600 16,350 | 4750 10,200 | | 5700 12,600 | 3650 8,050 | 7350 290 |
| -3000 mm -120 in | | *14 550 *31,500 | 13 800 29,550 | *10 550 *22,800 | 7150 15,400 | 7700 16,550 | 4800 10,350 | | 6900 15,350 | 4400 9,700 | 6470 260 |
| -4500 mm -180 in | | | | *7900 *16,550 | 7450 16,050 | | | | *6850 *15,000 | 6450 14,650 | 4980 200 |

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| Reach Boom Configuration | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 3650 mm (12'0") 4450 mm (14'7") | | mm in |
|--------------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|----------------|---------------|------------------------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | |
| 7500 mm 300 in | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | | | | | *5900 *12,900 | 5600 12,000 | | | *4750 *10,500 | 4550 10,100 | 6830 270 |
| 4500 mm 180 in | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 5450 11,700 | *5250 | 3850 | *4650 *10,250 | 3800 8,400 | 7570 300 |
| 3000 mm 120 in | | | *9300 *20,000 | 7850 16,950 | *7200 *15,600 | 5200 11,250 | 5850 12,500 | 3800 8,100 | *4750 *10,450 | 3450 7,600 | 7960 320 |
| 1500 mm 60 in | | | *11 000 *23,700 | 7400 16,000 | 7950 17,100 | 5000 10,800 | 5700 12,300 | 3700 7,900 | *5100 *11,150 | 3350 7,350 | 8050 320 |
| 0 mm 0 in | | | *11 700 *25,350 | 7200 15,500 | 7800 16,750 | 4850 10,450 | 5650 12,150 | 3600 7,800 | 5300 11,650 | 3400 7,500 | 7860 310 |
| -1500 mm -60 in | | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 7200 15,450 | 7750 16,600 | 4800 10,350 | | 5800 12,800 | 3700 8,200 | 7350 290 |
| -3000 mm -120 in | | *14 550 *31,500 | 14 050 30,050 | *10 550 *22,800 | 7300 15,650 | *7800 *16,700 | 4900 10,550 | | *7000 *15,400 | 4450 9,900 | 6470 260 |
| -4500 mm -180 in | | | | *7900 *16,550 | 7550 16,300 | | | | *6850 *15,000 | 6550 14,900 | 4980 200 |



ISO 10567



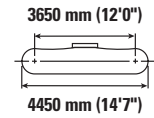
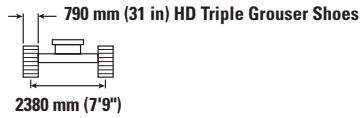
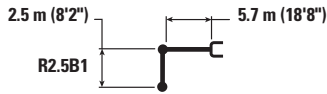
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

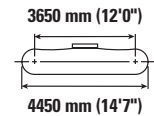
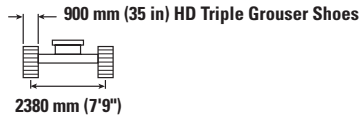
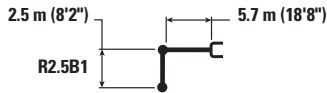
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| Reach Boom Diagram | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | Diagram | | mm in | |
|-----------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|----------------|----------------|---------------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | |
| 7500 mm 300 in | kg lb | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | kg lb | | | | *5900 *12,900 | 5650 12,150 | | | | *4750 *10,500 | 4600 10,250 | 6830 270 |
| 4500 mm 180 in | kg lb | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 5500 11,850 | *5250 | 3900 | *4650 *10,250 | 3850 8,500 | 7570 300 |
| 3000 mm 120 in | kg lb | | | *9300 *20,000 | 7950 17,150 | *7200 *15,600 | 5300 11,400 | 5900 12,700 | 3850 8,250 | *4750 *10,450 | 3500 7,700 | 7960 320 |
| 1500 mm 60 in | kg lb | | | *11 000 *23,700 | 7500 16,200 | *8050 *17,300 | 5050 10,900 | 5800 12,450 | 3750 8,050 | *5100 *11,150 | 3400 7,450 | 8050 320 |
| 0 mm 0 in | kg lb | | | *11 700 *25,350 | 7300 15,700 | 7900 16,950 | 4900 10,600 | 5700 12,300 | 3650 7,900 | 5350 11,800 | 3450 7,600 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 7250 15,650 | 7850 16,850 | 4900 10,500 | | | 5900 12,950 | 3750 8,300 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 550 *31,500 | 14 200 30,450 | *10 550 *22,800 | 7350 15,850 | *7800 *16,700 | 4950 10,700 | | | *7000 *15,400 | 4500 10,000 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7900 *16,550 | 7650 16,500 | | | | | *6850 *15,000 | 6650 *15,000 | 4980 200 |

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



| Reach Boom Diagram | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | Diagram | | mm in | |
|-----------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|----------------|----------------|---------------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | |
| 7500 mm 300 in | kg lb | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | kg lb | | | | | *5900 *12,900 | 5750 12,300 | | | *4750 *10,500 | 4650 10,350 | 6830 270 |
| 4500 mm 180 in | kg lb | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 5600 12,000 | *5250 | 3950 | *4650 *10,250 | 3900 8,650 | 7570 300 |
| 3000 mm 120 in | kg lb | | | *9300 *20,000 | 8050 17,400 | *7200 *15,600 | 5350 11,550 | 6000 12,850 | 3900 8,350 | *4750 *10,450 | 3550 7,850 | 7960 320 |
| 1500 mm 60 in | kg lb | | | *11 000 *23,700 | 7600 16,400 | *8050 *17,400 | 5150 11,050 | 5900 12,650 | 3800 8,150 | *5100 *11,150 | 3450 7,550 | 8050 320 |
| 0 mm 0 in | kg lb | | | *11 700 *25,350 | 7400 15,950 | 8000 17,200 | 5000 10,750 | 5800 12,500 | 3700 8,000 | 5450 12,000 | 3500 7,700 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 7400 15,850 | 7950 17,100 | 4950 10,650 | | | 6000 13,200 | 3800 8,400 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 550 *31,500 | 14 400 30,850 | *10 550 *22,800 | 7500 16,100 | *7800 *16,700 | 5050 10,850 | | | *7000 *15,400 | 4600 10,150 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7900 *16,550 | 7750 *16,550 | | | | | *6850 *15,000 | 6750 *15,000 | 4980 200 |



ISO 10567



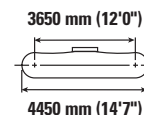
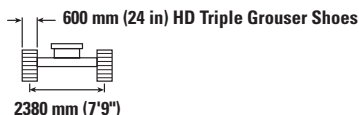
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

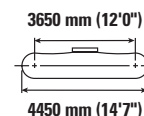
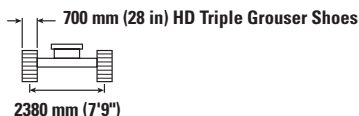
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | *6000 *13,000 | *5650 *12,350 | 4500 9,650 | *3900 *8,600 | *3900 *8,600 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | *8700 *18,750 | *6850 *14,900 | 6050 13,000 | *6000 *13,100 | 4400 9,450 | *4000 *8,800 | 3750 8,250 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 8600 18,550 | *7800 *16,900 | 5800 12,500 | 6450 13,900 | 4250 9,200 | *4250 *9,350 | 3650 7,950 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 8350 17,950 | *8450 *18,350 | 5650 12,100 | 6350 13,700 | 4200 9,000 | *4700 *10,350 | 3700 8,100 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 8250 17,750 | *8650 *18,700 | 5550 11,950 | 6350 13,650 | 4150 8,950 | *5500 *12,150 | 4000 8,750 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | *15 500 *33,600 | *10 950 *23,700 | 8300 17,900 | *8150 *17,550 | 5600 12,050 | | | *6700 *14,750 | 4650 10,300 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 8550 18,400 | | | | | *6750 *14,850 | 6350 14,250 | 5600 220 |

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | *6000 *13,000 | *5650 *12,350 | 4550 9,750 | *3900 *8,600 | *3900 *8,600 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | *8700 *18,750 | *6850 *14,900 | 6100 13,150 | *6000 *13,100 | 4450 9,550 | *4000 *8,800 | 3800 8,350 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 8750 18,800 | *7800 *16,900 | 5900 12,650 | *6450 *14,050 | 4350 9,350 | *4250 *9,350 | 3700 8,100 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 8450 18,200 | *8450 *18,350 | 5700 12,300 | 6450 13,900 | 4250 9,150 | *4700 *10,350 | 3750 8,250 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 8400 18,050 | *8650 *18,750 | 5650 12,150 | 6450 13,850 | 4250 9,100 | *5500 *12,150 | 4050 8,900 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | *15 500 *33,600 | *10 950 *23,700 | 8450 18,150 | *8150 *17,550 | 5650 12,250 | | | *6700 *14,750 | 4700 10,450 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 8650 18,650 | | | | | *6750 *14,850 | 6450 14,450 | 5600 220 |



ISO 10567



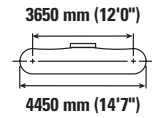
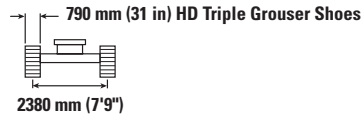
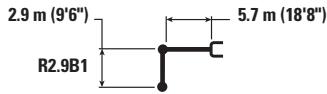
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

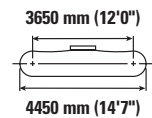
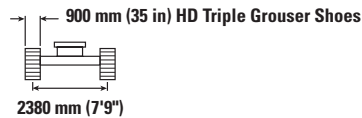
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | *6000 *13,000 | *5650 *12,350 | 4600 9,850 | *3900 *8,600 | *3900 *8,600 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | *8700 *18,750 | *6850 *14,900 | 6200 13,300 | *6000 *13,100 | 4500 9,650 | *4000 *8,800 | 3850 8,450 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 8800 19,000 | *7800 *16,900 | 5950 12,800 | *6450 *14,050 | 4400 9,450 | *4250 *9,350 | 3700 8,200 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 8550 18,400 | *8450 *18,350 | 5750 12,450 | 6550 14,050 | 4300 9,250 | *4700 *10,350 | 3800 8,350 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 8450 18,200 | *8650 *18,750 | 5700 12,300 | 6500 14,000 | 4250 9,200 | *5500 *12,150 | 4100 9,000 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | *15 500 *33,600 | *10 950 *23,700 | 8550 18,350 | *8150 *17,550 | 5750 12,350 | | | *6700 *14,750 | 4750 10,550 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 8750 18,850 | | | | | *6750 *14,850 | 6500 14,600 | 5600 220 |

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|----------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 | *4950 | | | *4300 *9,550 | *4300 *9,550 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | *5450 *11,950 | | | *4000 *8,800 | *4000 *8,800 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,000 | *6000 *13,000 | *5650 *12,350 | 4650 10,000 | *3900 *8,600 | *3900 *8,600 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8700 *18,750 | *8700 *18,750 | *6850 *14,900 | 6250 13,450 | *6000 *13,100 | 4550 9,800 | *4000 *8,800 | 3900 8,550 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 550 *22,800 | 8950 19,250 | *7800 *16,900 | 6000 12,950 | *6450 *14,050 | 4450 9,550 | *4250 *9,350 | 3750 8,300 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6600 *15,200 | *6600 *15,200 | *11 600 *25,050 | 8650 18,650 | *8450 *18,350 | 5850 12,600 | 6600 14,250 | 4350 9,400 | *4700 *10,350 | 3850 8,450 | 8260 330 |
| -1500 mm -60 in | kg lb | *7100 *15,800 | *7100 *15,800 | *11 400 *25,900 | *11 400 *25,900 | *11 700 *25,350 | 8600 18,450 | *8650 *18,750 | 5800 12,450 | 6600 14,200 | 4350 9,350 | *5500 *12,150 | 4150 9,100 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 100 *27,150 | *12 100 *27,150 | *15 500 *33,600 | *15 500 *33,600 | *10 950 *23,700 | 8650 18,600 | *8150 *17,550 | 5800 12,550 | | | *6700 *14,750 | 4850 10,700 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 400 *26,550 | *12 400 *26,550 | *8950 *19,000 | 8850 *19,000 | | | | | *6750 *14,850 | 6600 14,800 | 5600 220 |



ISO 10567



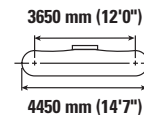
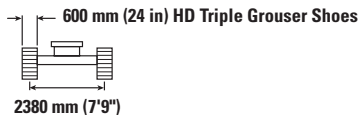
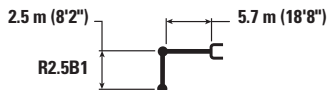
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

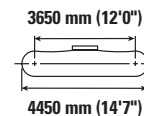
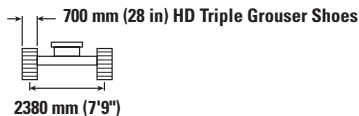
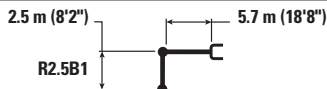
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| Reach Boom Lift Capacity | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 3650 mm (12'0") 4450 mm (14'7") | | mm in |
|--------------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|---------------|------------------------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | |
| 7500 mm 300 in | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | | | | | *5900 *12,900 | *5900 *12,900 | | | *4750 *10,500 | *4750 *10,500 | 6830 270 |
| 4500 mm 180 in | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 6200 13,350 | *5250 | 4450 | *4650 *10,250 | 4350 9,650 | 7570 300 |
| 3000 mm 120 in | | | *9300 *20,000 | 8950 19,350 | *7200 *15,600 | 5950 12,850 | *6250 *13,650 | 4350 9,350 | *4750 *10,450 | 4000 8,800 | 7960 320 |
| 1500 mm 60 in | | | *11 000 *23,700 | 8500 18,350 | *8050 *17,400 | 5750 12,400 | 6450 13,800 | 4250 9,150 | *5100 *11,150 | 3850 8,500 | 8050 320 |
| 0 mm 0 in | | | *11 700 *25,350 | 8300 17,850 | *8600 *18,600 | 5600 12,100 | 6350 13,700 | 4200 9,000 | *5700 *12,500 | 3950 8,650 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 8250 17,800 | *8600 *18,650 | 5550 12,000 | | 6550 14,400 | 4300 9,450 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 550 *31,500 | *14 550 *31,500 | *10 550 *22,800 | 8350 18,000 | *7800 *16,700 | 5650 12,150 | | *7000 *15,400 | 5150 11,400 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7900 *16,550 | *7900 *16,550 | | | | *6850 *15,000 | *6850 *15,000 | 4980 200 |

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| Reach Boom Lift Capacity | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | 3650 mm (12'0") 4450 mm (14'7") | | mm in |
|--------------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|---------------|------------------------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | |
| 7500 mm 300 in | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | | | | | *5900 *12,900 | *5900 *12,900 | | | *4750 *10,500 | *4750 *10,500 | 6830 270 |
| 4500 mm 180 in | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 6250 13,500 | *5250 | 4500 | *4650 *10,250 | 4400 9,800 | 7570 300 |
| 3000 mm 120 in | | | *9300 *20,000 | 9050 19,550 | *7200 *15,600 | 6050 13,000 | *6250 *13,650 | 4400 9,450 | *4750 *10,450 | 4050 8,900 | 7960 320 |
| 1500 mm 60 in | | | *11 000 *23,700 | 8600 18,550 | *8050 *17,400 | 5800 12,550 | 6500 14,000 | 4300 9,250 | *5100 *11,150 | 3900 8,600 | 8050 320 |
| 0 mm 0 in | | | *11 700 *25,350 | 8400 18,100 | *8600 *18,600 | 5700 12,250 | 6450 13,850 | 4250 9,150 | *5700 *12,500 | 4000 8,800 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 8400 18,000 | *8600 *18,650 | 5650 12,150 | | 6650 14,600 | 4350 9,600 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 550 *31,500 | *14 550 *31,500 | *10 550 *22,800 | 8500 18,250 | *7800 *16,700 | 5700 12,300 | | *7000 *15,400 | 5200 11,550 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7900 *16,550 | *7900 *16,550 | | | | *6850 *15,000 | *6850 *15,000 | 4980 200 |



ISO 10567



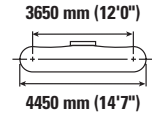
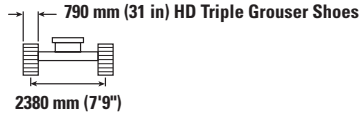
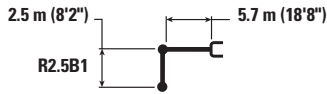
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

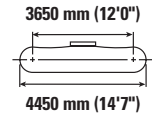
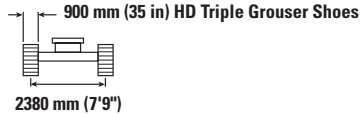
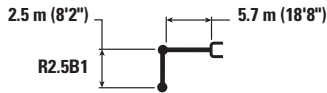
323 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| Reach Boom Lift Capacity | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | Reach Boom Lift Capacity | | mm in | |
|--------------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|---------------|--------------------------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | |
| 7500 mm 300 in | | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | | | | | *5900 *12,900 | *5900 *12,900 | | | | *4750 *10,500 | *4750 *10,500 | 6830 270 |
| 4500 mm 180 in | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 6350 13,600 | *5250 | 4550 | | *4650 *10,250 | 4450 9,900 | 7570 300 |
| 3000 mm 120 in | | | *9300 *20,000 | 9150 19,750 | *7200 *15,600 | 6100 13,150 | *6250 *13,650 | 4450 9,550 | | *4750 *10,450 | 4100 9,000 | 7960 320 |
| 1500 mm 60 in | | | *11 000 *23,700 | 8700 18,750 | *8050 *17,400 | 5900 12,700 | 6600 14,200 | 4350 9,350 | | *5100 *11,150 | 3950 8,700 | 8050 320 |
| 0 mm 0 in | | | *11 700 *25,350 | 8500 18,300 | *8600 *18,600 | 5750 12,350 | 6500 14,050 | 4300 9,250 | | *5700 *12,500 | 4050 8,900 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 8450 18,200 | *8600 *18,650 | 5700 12,300 | | | 6700 14,800 | 4400 9,700 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 550 *31,500 | *14 550 *31,500 | *10 550 *22,800 | 8550 18,450 | *7800 *16,700 | 5750 12,450 | | | *7000 *15,400 | 5250 11,700 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7900 *16,550 | *7900 *16,550 | | | | | *6850 *15,000 | *6850 *15,000 | 4980 200 |

Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| Reach Boom Lift Capacity | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | Reach Boom Lift Capacity | | mm in | |
|--------------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|---------------|--------------------------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | |
| 7500 mm 300 in | | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | | | | | *5900 *12,900 | *5900 *12,900 | | | | *4750 *10,500 | *4750 *10,500 | 6830 270 |
| 4500 mm 180 in | | | *7400 *15,950 | *7400 *15,950 | *6350 *13,850 | 6350 13,800 | *5250 | 4600 | | *4650 *10,250 | 4500 10,000 | 7570 300 |
| 3000 mm 120 in | | | *9300 *20,000 | 9250 20,000 | *7200 *15,600 | 6200 13,300 | *6250 *13,650 | 4500 9,700 | | *4750 *10,450 | 4150 9,100 | 7960 320 |
| 1500 mm 60 in | | | *11 000 *23,700 | 8800 19,000 | *8050 *17,400 | 5950 12,850 | 6650 14,350 | 4400 9,500 | | *5100 *11,150 | 4000 8,800 | 8050 320 |
| 0 mm 0 in | | | *11 700 *25,350 | 8600 18,550 | *8600 *18,600 | 5800 12,550 | 6600 14,200 | 4350 9,350 | | *5700 *12,500 | 4100 9,000 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 000 *27,300 | *12 000 *27,300 | *11 600 *25,100 | 8600 18,450 | *8600 *18,650 | 5800 12,450 | | | *6800 *14,950 | 4450 9,850 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 550 *31,500 | *14 550 *31,500 | *10 550 *22,800 | 8700 18,700 | *7800 *16,700 | 5850 12,600 | | | *7000 *15,400 | 5350 11,850 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7900 *16,550 | *7900 *16,550 | | | | | *6850 *15,000 | *6850 *15,000 | 4980 200 |



ISO 10567



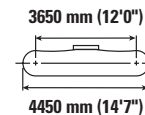
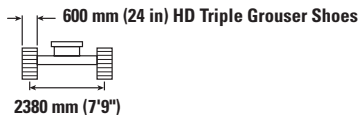
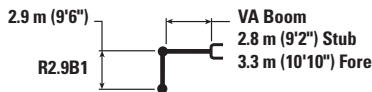
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | *5100 *11,700 | *5100 *11,700 | | | | | *5200 *11,700 | *5200 *11,700 | 4880 190 |
| 7500 mm 300 in | kg lb | | | | | *7100 *15,500 | *7100 *15,500 | *4300 *9,450 | *4300 *9,450 | | | *4350 *9,600 | *4350 *9,600 | 6620 260 |
| 6000 mm 240 in | kg lb | | | | | *7300 *15,950 | *7300 *15,950 | *5250 *8,900 | *5250 *8,900 | *4050 *9,000 | *4050 *9,000 | *4000 *8,850 | *4000 *8,850 | 7690 300 |
| 4500 mm 180 in | kg lb | | | *11 500 *25,000 | *11 500 *25,000 | *7300 *15,750 | *7300 *15,750 | *5150 *10,900 | *5150 *10,900 | *4000 *8,800 | *4000 *8,800 | *3900 *8,600 | 3650 8,000 | 8350 330 |
| 3000 mm 120 in | kg lb | *19,000 | *19,000 | *11 000 *23,700 | *11 000 *23,700 | *7050 *15,300 | *7050 *15,300 | *4250 *9,250 | *4250 *9,250 | *4350 *9,300 | 4200 9,050 | *3950 *8,700 | 3350 7,350 | 8710 350 |
| 1500 mm 60 in | kg lb | | | *6100 *13,850 | *6100 *13,850 | *6200 *13,400 | *6200 *13,400 | *4800 *10,450 | *4800 *10,450 | *4850 *10,200 | 4050 8,700 | *4150 *9,100 | 3200 7,050 | 8790 350 |
| 0 mm 0 in | kg lb | *6900 *14,950 | *6900 *14,950 | *5600 *12,250 | *5600 *12,250 | *8200 *17,600 | 7800 16,800 | *5700 *12,400 | 5300 11,350 | *5500 *11,850 | 3950 8,450 | *4500 *9,900 | 3250 7,200 | 8610 340 |
| -1500 mm -60 in | kg lb | *8750 *19,450 | *8750 *19,450 | *9000 *20,450 | *9000 *20,450 | *9300 *20,200 | 7750 16,650 | *7250 *15,600 | 5200 11,200 | *5400 *11,550 | 3900 8,400 | *4450 *9,700 | 3500 7,750 | 8160 320 |
| -3000 mm -120 in | kg lb | *14 000 *31,350 | *14 000 *31,350 | *9950 *21,600 | *9950 *21,600 | *7000 *15,050 | *7000 *15,050 | *5500 *11,750 | 5250 11,300 | | | *3700 *8,200 | *3700 *8,200 | 7340 290 |
| -4500 mm -180 in | kg lb | *22 050 *49,300 | *22 050 *49,300 | *10 250 *22,150 | *10 250 *22,150 | *6500 *14,150 | *6500 *14,150 | | | | | *5450 *12,300 | *5450 *12,300 | 5350 210 |



ISO 10567



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

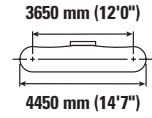
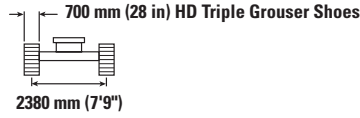
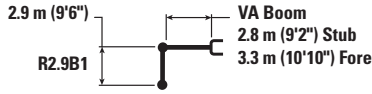
VA cylinder is flexible.

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

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

323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-------------|
| | | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | |
| 9000 mm 360 in | kg lb | | | | | *5100 *11,700 | *5100 *11,700 | | | | | *5200 *11,700 | *5200 *11,700 | 4880 190 |
| 7500 mm 300 in | kg lb | | | | | *7100 *15,500 | *7100 *15,500 | *4300 *9,450 | *4300 *9,450 | | | *4350 *9,600 | *4350 *9,600 | 6620 260 |
| 6000 mm 240 in | kg lb | | | | | *7300 *15,950 | *7300 *15,950 | *5250 *8,900 | *5250 *8,900 | *4050 *9,000 | *4050 *9,000 | *4000 *8,850 | *4000 *8,850 | 7690 300 |
| 4500 mm 180 in | kg lb | | | *11 500 *25,000 | *11 500 *25,000 | *7300 *15,750 | *7300 *15,750 | *5150 *10,900 | *5150 *10,900 | *4000 *8,800 | *4000 *8,800 | *3900 *8,600 | 3700 8,150 | 8350 330 |
| 3000 mm 120 in | kg lb | *19,000 | *19,000 | *11 000 *23,700 | *11 000 *23,700 | *7050 *15,300 | *7050 *15,300 | *4250 *9,250 | *4250 *9,250 | *4350 *9,300 | 4250 9,150 | *3950 *8,700 | 3400 7,450 | 8710 350 |
| 1500 mm 60 in | kg lb | | | *6100 *13,850 | *6100 *13,850 | *6200 *13,400 | *6200 *13,400 | *4800 *10,450 | *4800 *10,450 | *4850 *10,200 | 4100 8,800 | *4150 *9,100 | 3250 7,200 | 8790 350 |
| 0 mm 0 in | kg lb | *6900 *14,950 | *6900 *14,950 | *5600 *12,250 | *5600 *12,250 | *8200 *17,600 | 7900 17,050 | *5700 *12,400 | 5350 11,550 | *5500 *11,850 | 4000 8,550 | *4500 *9,900 | 3300 7,300 | 8610 340 |
| -1500 mm -60 in | kg lb | *8750 *19,450 | *8750 *19,450 | *9000 *20,450 | *9000 *20,450 | *9300 *20,200 | 7850 16,900 | *7250 *15,600 | 5250 11,350 | *5400 *11,550 | 3950 8,500 | *4450 *9,700 | 3550 7,850 | 8160 320 |
| -3000 mm -120 in | kg lb | *14 000 *31,350 | *14 000 *31,350 | *9950 *21,600 | *9950 *21,600 | *7000 *15,050 | *7000 *15,050 | *5500 *11,750 | 5300 11,450 | | | *3700 *8,200 | *3700 *8,200 | 7340 290 |
| -4500 mm -180 in | kg lb | *22 050 *49,300 | *22 050 *49,300 | *10 250 *22,150 | *10 250 *22,150 | *6500 *14,150 | *6500 *14,150 | | | | | *5450 *12,300 | *5450 *12,300 | 5350 210 |



ISO 10567



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

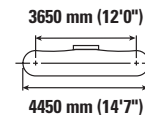
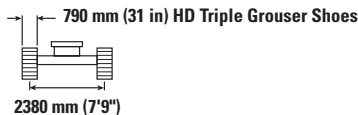
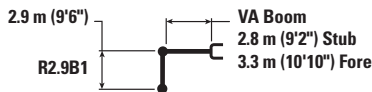
VA cylinder is flexible.

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

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

323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-------------|
| | | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | |
| 9000 mm 360 in | kg lb | | | | | *5100 *11,700 | *5100 *11,700 | | | | | *5200 *11,700 | *5200 *11,700 | 4880 190 |
| 7500 mm 300 in | kg lb | | | | | *7100 *15,500 | *7100 *15,500 | *4300 *9,450 | *4300 *9,450 | | | *4350 *9,600 | *4350 *9,600 | 6620 260 |
| 6000 mm 240 in | kg lb | | | | | *7300 *15,950 | *7300 *15,950 | *5250 *8,900 | *5250 *8,900 | *4050 *9,000 | *4050 *9,000 | *4000 *8,850 | *4000 *8,850 | 7690 300 |
| 4500 mm 180 in | kg lb | | | *11 500 *25,000 | *11 500 *25,000 | *7300 *15,750 | *7300 *15,750 | *5150 *10,900 | *5150 *10,900 | *4000 *8,800 | *4000 *8,800 | *3900 *8,600 | 3700 8,200 | 8350 330 |
| 3000 mm 120 in | kg lb | *19,000 | *19,000 | *11 000 *23,700 | *11 000 *23,700 | *7050 *15,300 | *7050 *15,300 | *4250 *9,250 | *4250 *9,250 | *4350 *9,300 | 4300 9,250 | *3950 *8,700 | 3400 7,500 | 8710 350 |
| 1500 mm 60 in | kg lb | | | *6100 *13,850 | *6100 *13,850 | *6200 *13,400 | *6200 *13,400 | *4800 *10,450 | *4800 *10,450 | *4850 *10,200 | 4150 8,900 | *4150 *9,100 | 3300 7,250 | 8790 350 |
| 0 mm 0 in | kg lb | *6900 *14,950 | *6900 *14,950 | *5600 *12,250 | *5600 *12,250 | *8200 *17,600 | 8000 17,250 | *5700 *12,400 | 5400 11,650 | *5500 *11,850 | 4050 8,650 | *4500 *9,900 | 3350 7,400 | 8610 340 |
| -1500 mm -60 in | kg lb | *8750 *19,450 | *8750 *19,450 | *9000 *20,450 | *9000 *20,450 | *9300 *20,200 | 7950 17,100 | *7250 *15,600 | 5350 11,500 | *5400 *11,550 | 4000 8,600 | *4450 *9,700 | 3600 7,950 | 8160 320 |
| -3000 mm -120 in | kg lb | *14 000 *31,350 | *14 000 *31,350 | *9950 *21,600 | *9950 *21,600 | *7000 *15,050 | *7000 *15,050 | *5500 *11,750 | 5400 11,600 | | | *3700 *8,200 | *3700 *8,200 | 7340 290 |
| -4500 mm -180 in | kg lb | *22 050 *49,300 | *22 050 *49,300 | *10 250 *22,150 | *10 250 *22,150 | *6500 *14,150 | *6500 *14,150 | | | | | *5450 *12,300 | *5450 *12,300 | 5350 210 |



ISO 10567



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

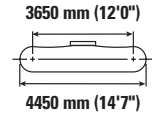
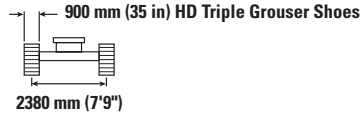
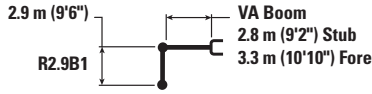
VA cylinder is flexible.

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

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

323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



| Boom Length mm in | kg lb | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|-------------------------|----------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-------------|
| | | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | |
| 9000 mm 360 in | | | | | | *5100 *11,700 | *5100 *11,700 | | | | | *5200 *11,700 | *5200 *11,700 | 4880 190 |
| 7500 mm 300 in | | | | | | *7100 *15,500 | *7100 *15,500 | *4300 *9,450 | *4300 *9,450 | | | *4350 *9,600 | *4350 *9,600 | 6620 260 |
| 6000 mm 240 in | | | | | | *7300 *15,950 | *7300 *15,950 | *5250 *8,900 | *5250 *8,900 | *4050 *9,000 | *4050 *9,000 | *4000 *8,850 | *4000 *8,850 | 7690 300 |
| 4500 mm 180 in | | | | *11 500 *25,000 | *11 500 *25,000 | *7300 *15,750 | *7300 *15,750 | *5150 *10,900 | *5150 *10,900 | *4000 *8,800 | *4000 *8,800 | *3900 *8,600 | 3750 8,350 | 8350 330 |
| 3000 mm 120 in | | *19,000 | *19,000 | *11 000 *23,700 | *11 000 *23,700 | *7050 *15,300 | *7050 *15,300 | *4250 *9,250 | *4250 *9,250 | *4350 *9,300 | *4350 *9,300 | *3950 *8,700 | 3450 7,650 | 8710 350 |
| 1500 mm 60 in | | | | *6100 *13,850 | *6100 *13,850 | *6200 *13,400 | *6200 *13,400 | *4800 *10,450 | *4800 *10,450 | *4850 *10,200 | 4200 9,050 | *4150 *9,100 | 3350 7,350 | 8790 350 |
| 0 mm 0 in | | *6900 *14,950 | *6900 *14,950 | *5600 *12,250 | *5600 *12,250 | *8200 *17,600 | 8100 17,450 | *5700 *12,400 | 5500 11,850 | *5500 *11,850 | 4100 8,800 | *4500 *9,900 | 3400 7,500 | 8610 340 |
| -1500 mm -60 in | | *8750 *19,450 | *8750 *19,450 | *9000 *20,450 | *9000 *20,450 | *9300 *20,200 | 8050 17,300 | *7250 *15,600 | 5400 11,650 | *5400 *11,550 | 4050 8,700 | *4450 *9,700 | 3650 8,050 | 8160 320 |
| -3000 mm -120 in | | *14 000 *31,350 | *14 000 *31,350 | *9950 *21,600 | *9950 *21,600 | *7000 *15,050 | *7000 *15,050 | *5500 *11,750 | 5450 *11,750 | | | *3700 *8,200 | *3700 *8,200 | 7340 290 |
| -4500 mm -180 in | | *22 050 *49,300 | *22 050 *49,300 | *10 250 *22,150 | *10 250 *22,150 | *6500 *14,150 | *6500 *14,150 | | | | | *5450 *12,300 | *5450 *12,300 | 5350 210 |



ISO 10567



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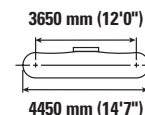
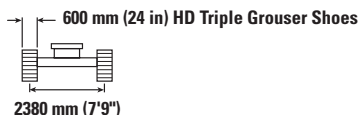
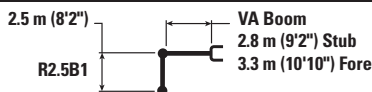
VA cylinder is flexible.















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

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323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



|  | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | |  | | mm in |
|---|----------|---|---|---|---|---|---|---|--|---|---|---|---|-------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *6500 *14,800 | *6500 *14,800 | 4110 150 |
| 7500 mm 300 in | kg lb | | | | | *7500 *16,200 | *7500 *16,200 | *5250 *11,600 | *5250 *11,600 | | | *5200 *11,600 | *5200 *11,600 | 6080 240 |
| 6000 mm 240 in | kg lb | | | | | *7400 *16,000 | *7400 *16,000 | *4750 *10,350 | *4750 *10,350 | | | *4800 *10,550 | 4600 10,250 | 7230 290 |
| 4500 mm 180 in | kg lb | | | *11 400 *24,750 | *11 400 *24,750 | *7200 *15,600 | *7200 *15,600 | *4650 *10,650 | *4650 *10,650 | *4800 *10,400 | 4250 9,150 | *4650 *10,250 | 3900 8,600 | 7930 310 |
| 3000 mm 120 in | kg lb | | | *10 000 *23,400 | *10 000 *23,400 | *6500 *14,050 | *6500 *14,050 | *4500 *9,800 | *4500 *9,800 | *5000 *11,150 | 4150 8,900 | *4700 *10,350 | 3550 7,800 | 8300 330 |
| 1500 mm 60 in | kg lb | | | *6850 *14,650 | *6850 *14,650 | *6700 *14,400 | *6700 *14,400 | *5100 *11,100 | *5100 *11,100 | *5550 *12,100 | 4000 8,600 | *4950 *10,900 | 3400 7,500 | 8390 330 |
| 0 mm 0 in | kg lb | *9800 *21,300 | *9800 *21,300 | *6400 *14,250 | *6400 *14,250 | *8900 *19,150 | 7750 16,700 | *6100 *13,250 | 5250 11,300 | *6100 *13,050 | 3900 8,450 | *5150 *11,300 | 3500 7,650 | 8210 330 |
| -1500 mm -60 in | kg lb | *11 000 *24,250 | *11 000 *24,250 | *9950 *21,300 | *9950 *21,300 | *8650 *18,800 | 7750 16,700 | *6850 *14,800 | 5200 11,200 | *4950 *10,300 | 3900 8,450 | *4500 *9,900 | 3800 8,350 | 7720 310 |
| -3000 mm -120 in | kg lb | *17 200 *38,450 | *17 200 *38,450 | *10 050 *21,800 | *10 050 *21,800 | *6350 *13,650 | *6350 *13,650 | *4800 *10,100 | *4800 *10,100 | | | *4100 *9,050 | *4100 *9,050 | 6780 270 |
| -4500 mm -180 in | kg lb | *23 250 | *23 250 | *10 500 *22,650 | *10 500 *22,650 | | | | | | | *7300 *17,400 | *7300 *17,400 | 4150 160 |



ISO 10567



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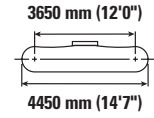
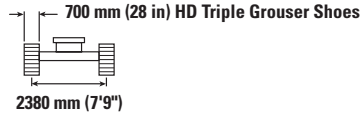
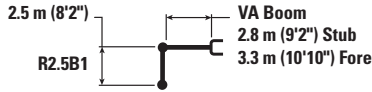
VA cylinder is flexible.



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

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323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



|  | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | |  | | mm in | | |
|---|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|---------------|---|----------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | | |
| 9000 mm 360 in | | | | | | | | | | | | | *6500 *14,800 | *6500 *14,800 | 4110 150 |
| 7500 mm 300 in | | | | | *7500 *16,200 | *7500 *16,200 | *5250 *11,600 | *5250 *11,600 | | | | | *5200 *11,600 | *5200 *11,600 | 6080 240 |
| 6000 mm 240 in | | | | | *7400 *16,000 | *7400 *16,000 | *4750 *10,350 | *4750 *10,350 | | | | | *4800 *10,550 | 4650 10,350 | 7230 290 |
| 4500 mm 180 in | | | *11 400 *24,750 | *11 400 *24,750 | *7200 *15,600 | *7200 *15,600 | *4650 *10,650 | *4650 *10,650 | *4800 *10,400 | 4350 9,300 | | | *4650 *10,250 | 3950 8,700 | 7930 310 |
| 3000 mm 120 in | | | *10 000 *23,400 | *10 000 *23,400 | *6500 *14,050 | *6500 *14,050 | *4500 *9,800 | *4500 *9,800 | *5000 *11,150 | 4200 9,050 | | | *4700 *10,350 | 3600 7,900 | 8300 330 |
| 1500 mm 60 in | | | *6850 *14,650 | *6850 *14,650 | *6700 *14,400 | *6700 *14,400 | *5100 *11,100 | *5100 *11,100 | *5550 *12,100 | 4050 8,750 | | | *4950 *10,900 | 3450 7,650 | 8390 330 |
| 0 mm 0 in | *9800 *21,300 | *9800 *21,300 | *6400 *14,250 | *6400 *14,250 | *8900 *19,150 | 7850 16,950 | *6100 *13,250 | 5350 11,500 | *6100 *13,050 | 3950 8,550 | | | *5150 *11,300 | 3550 7,800 | 8210 330 |
| -1500 mm -60 in | *11 000 *24,250 | *11 000 *24,250 | *9950 *21,300 | *9950 *21,300 | *8650 *18,800 | 7850 16,900 | *6850 *14,800 | 5300 11,350 | *4950 *10,300 | 3950 8,550 | | | *4500 *9,900 | 3850 8,450 | 7720 310 |
| -3000 mm -120 in | *17 200 *38,450 | *17 200 *38,450 | *10 050 *21,800 | *10 050 *21,800 | *6350 *13,650 | *6350 *13,650 | *4800 *10,100 | *4800 *10,100 | | | | | *4100 *9,050 | *4100 *9,050 | 6780 270 |
| -4500 mm -180 in | *23 250 *51,200 | *23 250 *51,200 | *10 500 *22,650 | *10 500 *22,650 | | | | | | | | | *7300 *17,400 | *7300 *17,400 | 4150 160 |



ISO 10567



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

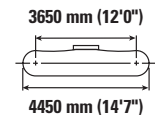
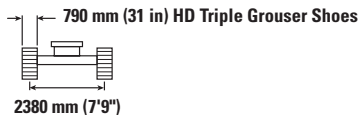
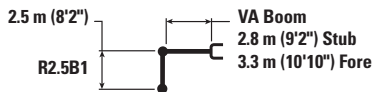
VA cylinder is flexible.



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

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

323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



|  | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | |  | | mm in | | |
|---|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|---|----------|-------------------------|-------------------------|--------------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | | |
| 9000 mm 360 in | | | | | | | | | | | | | *6500 *14,800 | *6500 *14,800 | 4110 150 |
| 7500 mm 300 in | | | | | *7500 *16,200 | *7500 *16,200 | *5250 *11,600 | *5250 *11,600 | | | | | *5200 *11,600 | *5200 *11,600 | 6080 240 |
| 6000 mm 240 in | | | | | *7400 *16,000 | *7400 *16,000 | *4750 *10,350 | *4750 *10,350 | | | | | *4800 *10,550 | 4700 10,450 | 7230 290 |
| 4500 mm 180 in | | | *11 400 *24,750 | *11 400 *24,750 | *7200 *15,600 | *7200 *15,600 | *4650 *10,650 | *4650 *10,650 | *4800 *10,400 | 4400 9,400 | | | *4650 *10,250 | 4000 8,800 | 7930 310 |
| 3000 mm 120 in | | | *10 000 *23,400 | *10 000 *23,400 | *6500 *14,050 | *6500 *14,050 | *4500 *9,800 | *4500 *9,800 | *5000 *11,150 | 4250 9,150 | | | *4700 *10,350 | 3650 8,000 | 8300 330 |
| 1500 mm 60 in | | | *6850 *14,650 | *6850 *14,650 | *6700 *14,400 | *6700 *14,400 | *5100 *11,100 | *5100 *11,100 | *5550 *12,100 | 4100 8,850 | | | *4950 *10,900 | 3500 7,700 | 8390 330 |
| 0 mm 0 in | *9800 *21,300 | *9800 *21,300 | *6400 *14,250 | *6400 *14,250 | *8900 *19,150 | 7950 17,150 | *6100 *13,250 | 5400 11,600 | *6100 *13,050 | 4000 8,650 | | | *5150 *11,300 | 3600 7,850 | 8210 330 |
| -1500 mm -60 in | *11 000 *24,250 | *11 000 *24,250 | *9950 *21,300 | *9950 *21,300 | *8650 *18,800 | 7950 17,100 | *6850 *14,800 | 5350 11,500 | *4950 *10,300 | 4000 8,650 | | | *4500 *9,900 | 3900 8,550 | 7720 310 |
| -3000 mm -120 in | *17 200 *38,450 | *17 200 *38,450 | *10 050 *21,800 | *10 050 *21,800 | *6350 *13,650 | *6350 *13,650 | *4800 *10,100 | *4800 *10,100 | | | | | *4100 *9,050 | *4100 *9,050 | 6780 270 |
| -4500 mm -180 in | *23 250 | *23 250 | *10 500 *22,650 | *10 500 *22,650 | | | | | | | | | *7300 *17,400 | *7300 *17,400 | 4150 160 |



ISO 10567



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

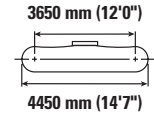
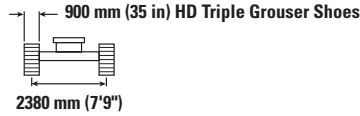
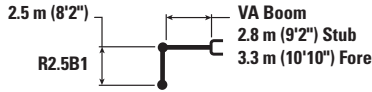
VA cylinder is flexible.



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

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

323 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket, Heavy Lift: On



|  | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | |  | | mm in | | |
|---|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|------------------|---------------|---|----------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | | |
| 9000 mm 360 in | | | | | | | | | | | | | *6500 *14,800 | *6500 *14,800 | 4110 150 |
| 7500 mm 300 in | | | | | *7500 *16,200 | *7500 *16,200 | *5250 *11,600 | *5250 *11,600 | | | | | *5200 *11,600 | *5200 *11,600 | 6080 240 |
| 6000 mm 240 in | | | | | *7400 *16,000 | *7400 *16,000 | *4750 *10,350 | *4750 *10,350 | | | | | *4800 *10,550 | *4750 *10,550 | 7230 290 |
| 4500 mm 180 in | | | *11 400 *24,750 | *11 400 *24,750 | *7200 *15,600 | *7200 *15,600 | *4650 *10,650 | *4650 *10,650 | *4800 *10,400 | 4450 9,500 | | | *4650 *10,250 | 4050 8,950 | 7930 310 |
| 3000 mm 120 in | | | *10 000 *23,400 | *10 000 *23,400 | *6500 *14,050 | *6500 *14,050 | *4500 *9,800 | *4500 *9,800 | *5000 *11,150 | 4300 9,250 | | | *4700 *10,350 | 3700 8,100 | 8300 330 |
| 1500 mm 60 in | | | *6850 *14,650 | *6850 *14,650 | *6700 *14,400 | *6700 *14,400 | *5100 *11,100 | *5100 *11,100 | *5550 *12,100 | 4150 8,950 | | | *4950 *10,900 | 3550 7,850 | 8390 330 |
| 0 mm 0 in | *9800 *21,300 | *9800 *21,300 | *6400 *14,250 | *6400 *14,250 | *8900 *19,150 | 8050 17,400 | *6100 *13,250 | 5450 11,750 | *6100 *13,050 | 4100 8,800 | | | *5150 *11,300 | 3650 8,000 | 8210 330 |
| -1500 mm -60 in | *11 000 *24,250 | *11 000 *24,250 | *9950 *21,300 | *9950 *21,300 | *8650 *18,800 | 8050 17,350 | *6850 *14,800 | 5400 11,650 | *4950 *10,300 | 4100 8,800 | | | *4500 *9,900 | 3950 8,700 | 7720 310 |
| -3000 mm -120 in | *17 200 *38,450 | *17 200 *38,450 | *10 050 *21,800 | *10 050 *21,800 | *6350 *13,650 | *6350 *13,650 | *4800 *10,100 | *4800 *10,100 | | | | | *4100 *9,050 | *4100 *9,050 | 6780 270 |
| -4500 mm -180 in | *23 250 *51,200 | *23 250 *51,200 | *10 500 *22,650 | *10 500 *22,650 | | | | | | | | | *7300 *17,400 | *7300 *17,400 | 4150 160 |



ISO 10567



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

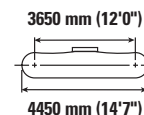
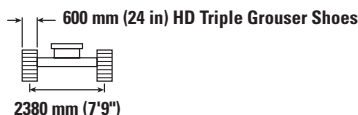
VA cylinder is flexible.

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

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|---------------|
| | | | | | | | | | | | | | | |
| 12 000 mm 480 in | kg lb | | | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | | | | | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | | | | | | | | | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | | | *4700 *11,900 | *4700 *11,900 | *6050 *12,900 | *6050 *12,900 | *4450 *9,600 | *4450 *9,600 | *3600 *7,800 | *3600 *7,800 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | | | | | *6750 *16,000 | *6750 *16,000 | *5250 *11,300 | 5100 11,050 | *4100 *8,900 | 3800 8,200 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | | | *2050 *4,550 | *2050 *4,550 | *4700 *10,750 | *4700 *10,750 | *5900 *12,700 | 4650 10,050 | *4550 *9,800 | 3500 7,550 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *2100 *4,600 | *2100 *4,600 | *2750 *6,100 | *2750 *6,100 | *4650 *10,550 | *4650 *10,550 | *6250 *13,550 | 4400 9,450 | *4850 *10,450 | 3300 7,100 | *1400 *3,000 | 1350 2,950 | 14 230 560 |
| -3000 mm -120 in | kg lb | *2850 *6,350 | *2850 *6,350 | *3550 *7,900 | *3550 *7,900 | *5200 *11,750 | *5200 *11,750 | *6450 *13,900 | 4250 9,150 | *5000 *10,850 | 3200 6,850 | *1500 *3,300 | 1400 3,050 | 13 790 550 |
| -4500 mm -180 in | kg lb | *3700 *8,200 | *3700 *8,200 | *4450 *9,900 | *4450 *9,900 | *6100 *13,750 | *6100 *13,700 | *6400 *13,800 | 4200 9,100 | *5050 *10,900 | 3150 6,750 | *1700 *3,800 | 1500 3,300 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4550 *10,150 | *4550 *10,150 | *5450 *12,200 | *5450 *12,200 | *7250 *16,350 | 6500 13,950 | *6150 *13,250 | 4250 9,150 | *4900 *10,550 | 3150 6,750 | *2000 *4,500 | 1650 3,650 | 12 340 490 |
| -7500 mm -300 in | kg lb | *5500 *12,300 | *5500 *12,300 | *6600 *14,850 | *6600 *14,850 | *7300 *15,650 | 6700 14,400 | *5650 *12,150 | 4350 9,400 | *4550 *9,800 | 3200 6,900 | *2550 *5,700 | 1950 4,300 | 11 240 440 |
| -9000 mm -360 in | kg lb | | | *8000 *17,500 | *8000 *17,500 | *6150 *13,100 | *6150 *13,100 | *4850 *10,350 | 4550 9,850 | *3950 *8,300 | 3350 7,250 | *2700 *5,900 | 2400 5,450 | 9800 380 |



ISO 10567



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

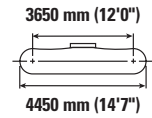
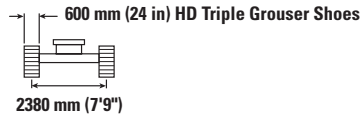
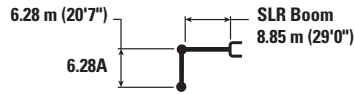
Lift capacity stays with ±5% for all available track shoes.













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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



|  | 9000 mm/360 in | | 10 500 mm/420 in | | 12 000 mm/480 in | | 13 500 mm/540 in | |  | | mm in | |
|---|---|---|---|---|---|---|--|---|---|---|-----------------|---------------|
| |  |  |  |  |  |  |  |  |  |  | | |
| 12 000 mm 480 in | kg lb | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | *2200 *4,750 | *2200 *4,750 | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | *2200 *4,800 | *2200 *4,800 | *2000 *3,700 | *2000 *3,700 | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | *2250 *4,950 | *2250 *4,950 | *2250 *4,900 | 2200 4,750 | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | *2400 *5,200 | *2400 *5,200 | *2300 *5,000 | 2150 4,600 | *1850 *3,250 | 1700 *3,250 | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | *2800 *6,050 | *2800 *6,050 | *2600 *5,600 | *2600 *5,600 | *2400 *5,250 | 2100 4,450 | *2300 *4,650 | 1650 3,550 | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | *3100 *6,750 | *3100 *6,750 | *2800 *6,050 | 2500 5,350 | *2550 *5,550 | 2000 4,250 | *2400 *5,200 | 1600 3,450 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | *3450 *7,450 | 2950 6,350 | *3000 *6,500 | 2350 5,050 | *2700 *5,850 | 1900 4,050 | *2500 *5,400 | 1550 3,300 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | *3750 *8,050 | 2750 5,900 | *3200 *6,900 | 2200 4,750 | *2850 *6,150 | 1800 3,900 | 2450 5,300 | 1500 3,200 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *3950 *8,550 | 2600 5,600 | *3350 *7,250 | 2100 4,550 | 2850 6,150 | 1750 3,750 | 2400 5,200 | 1450 3,100 | *1400 *3,000 | 1350 2,950 | 14 230 560 |
| -3000 mm -120 in | kg lb | *4100 *8,850 | 2500 5,400 | 3350 7,250 | 2050 4,350 | 2800 6,050 | 1700 3,650 | *2300 *3,700 | 1450 3,100 | *1500 *3,300 | 1400 3,050 | 13 790 550 |
| -4500 mm -180 in | kg lb | 4100 8,800 | 2450 5,300 | 3350 7,150 | 2000 4,300 | 2800 6,000 | 1700 3,600 | | | *1700 *3,800 | 1500 3,300 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4000 *8,650 | 2450 5,300 | 3350 7,200 | 2000 4,350 | *2800 *5,150 | 1700 3,700 | | | *2000 *4,500 | 1650 3,650 | 12 340 490 |
| -7500 mm -300 in | kg lb | *3750 *8,000 | 2550 5,450 | *3050 *6,450 | 2100 4,500 | | | | | *2550 *5,700 | 1950 4,300 | 11 240 440 |
| -9000 mm -360 in | kg lb | *3150 *6,550 | 2650 5,750 | | | | | | | *2700 *5,900 | 2400 5,450 | 9800 380 |



ISO 10567



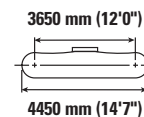
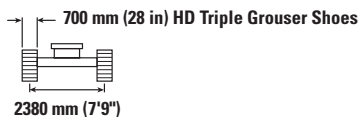
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|---------------|
| | | | | | | | | | | | | | | |
| 12 000 mm 480 in | kg lb | | | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | | | | | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | | | | | | | | | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | | | *4700 *11,900 | *4700 *11,900 | *6050 *12,900 | *6050 *12,900 | *4450 *9,600 | *4450 *9,600 | *3600 *7,800 | *3600 *7,800 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | | | | | *6750 *16,000 | *6750 *16,000 | *5250 *11,300 | 5200 11,200 | *4100 *8,900 | 3850 8,350 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | | | *2050 *4,550 | *2050 *4,550 | *4700 *10,750 | *4700 *10,750 | *5900 *12,700 | 4750 10,250 | *4550 *9,800 | 3600 7,700 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *2100 *4,600 | *2100 *4,600 | *2750 *6,100 | *2750 *6,100 | *4650 *10,550 | *4650 *10,550 | *6250 *13,550 | 4500 9,650 | *4850 *10,450 | 3350 7,250 | *1400 *3,000 | *1400 *3,000 | 14 230 560 |
| -3000 mm -120 in | kg lb | *2850 *6,350 | *2850 *6,350 | *3550 *7,900 | *3550 *7,900 | *5200 *11,750 | *5200 *11,750 | *6450 *13,900 | 4350 9,350 | *5000 *10,850 | 3250 6,950 | *1500 *3,300 | 1450 3,150 | 13 790 550 |
| -4500 mm -180 in | kg lb | *3700 *8,200 | *3700 *8,200 | *4450 *9,900 | *4450 *9,900 | *6100 *13,750 | *6100 *13,750 | *6400 *13,800 | 4300 9,250 | *5050 *10,900 | 3200 6,850 | *1700 *3,800 | 1550 3,350 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4550 *10,150 | *4550 *10,150 | *5450 *12,200 | *5450 *12,200 | *7250 *16,350 | 6600 14,200 | *6150 *13,250 | 4350 9,350 | *4900 *10,550 | 3200 6,900 | *2000 *4,500 | 1700 3,750 | 12 340 490 |
| -7500 mm -300 in | kg lb | *5500 *12,300 | *5500 *12,300 | *6600 *14,850 | *6600 *14,850 | *7300 *15,650 | 6800 14,650 | *5650 *12,150 | 4450 9,600 | *4550 *9,800 | 3300 7,050 | *2550 *5,700 | 1950 4,400 | 11 240 440 |
| -9000 mm -360 in | kg lb | | | *8000 *17,500 | *8000 *17,500 | *6150 *13,100 | *6150 *13,100 | *4850 *10,350 | 4650 10,050 | *3950 *8,300 | 3400 7,400 | *2700 *5,900 | 2450 5,550 | 9800 380 |



ISO 10567



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

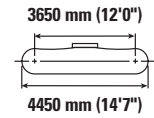
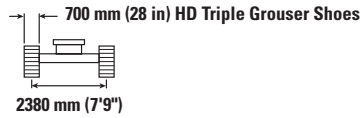
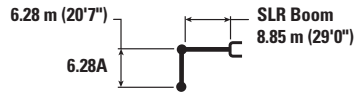
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



| | | 9000 mm/360 in | | 10 500 mm/420 in | | 12 000 mm/480 in | | 13 500 mm/540 in | |  | | mm in |
|---------------------|----------|---|---|---|---|---|---|--|---|---|---|---------------|
| | |  |  |  |  |  |  |  |  |  |  | |
| 12 000 mm 480 in | kg lb | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | *2200 *4,750 | *2200 *4,750 | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | *2200 *4,800 | *2200 *4,800 | *2000 *3,700 | *2000 *3,700 | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | *2250 *4,950 | *2250 *4,950 | *2250 *4,900 | *2250 4,800 | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | *2400 *5,200 | *2400 *5,200 | *2300 *5,000 | 2200 4,700 | *1850 *3,250 | 1750 *3,250 | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | *2800 *6,050 | *2800 *6,050 | *2600 *5,600 | *2600 *5,600 | *2400 *5,250 | 2150 4,550 | *2300 *4,650 | 1700 3,600 | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | *3100 *6,750 | *3100 *6,750 | *2800 *6,050 | 2550 5,450 | *2550 *5,550 | 2050 4,350 | *2400 *5,200 | 1650 3,500 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | *3450 *7,450 | 3000 6,450 | *3000 *6,500 | 2400 5,100 | *2700 *5,850 | 1950 4,150 | *2500 *5,400 | 1600 3,400 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | *3750 *8,050 | 2800 6,050 | *3200 *6,900 | 2250 4,850 | *2850 *6,150 | 1850 3,950 | 2500 5,400 | 1550 3,250 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *3950 *8,550 | 2650 5,700 | *3350 *7,250 | 2150 4,600 | 2900 6,250 | 1800 3,800 | 2450 5,300 | 1500 3,200 | *1400 *3,000 | *1400 *3,000 | 14 230 560 |
| -3000 mm -120 in | kg lb | *4100 *8,850 | 2550 5,500 | 3450 7,400 | 2100 4,450 | 2850 6,150 | 1750 3,700 | *2300 *3,700 | 1450 3,150 | *1500 *3,300 | 1450 3,150 | 13 790 550 |
| -4500 mm -180 in | kg lb | *4100 *8,900 | 2500 5,400 | 3400 7,300 | 2050 4,400 | 2850 6,150 | 1700 3,700 | | | *1700 *3,800 | 1550 3,350 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4000 *8,650 | 2500 5,400 | *3350 *7,200 | 2050 4,450 | *2800 *5,150 | 1750 3,750 | | | *2000 *4,500 | 1700 3,750 | 12 340 490 |
| -7500 mm -300 in | kg lb | *3750 *8,000 | 2600 5,550 | *3050 *6,450 | 2150 4,600 | | | | | *2550 *5,700 | 1950 4,400 | 11 240 440 |
| -9000 mm -360 in | kg lb | *3150 *6,550 | 2700 5,850 | | | | | | | *2700 *5,900 | 2450 5,550 | 9800 380 |



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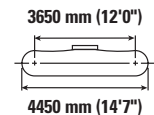
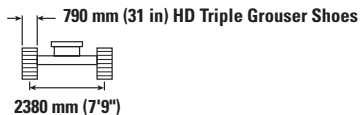
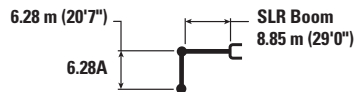
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|---------------|
| | | | | | | | | | | | | | | |
| 12 000 mm 480 in | kg lb | | | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | | | | | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | | | | | | | | | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | | | *4700 *11,900 | *4700 *11,900 | *6050 *12,900 | *6050 *12,900 | *4450 *9,600 | *4450 *9,600 | *3600 *7,800 | *3600 *7,800 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | | | | | *6750 *16,000 | *6750 *16,000 | *5250 *11,300 | *5250 *11,300 | *4100 *8,900 | 3900 8,400 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | | | *2050 *4,550 | *2050 *4,550 | *4700 *10,750 | *4700 *10,750 | *5900 *12,700 | 4800 10,350 | *4550 *9,800 | 3600 7,800 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *2100 *4,600 | *2100 *4,600 | *2750 *6,100 | *2750 *6,100 | *4650 *10,550 | *4650 *10,550 | *6250 *13,550 | 4550 9,750 | *4850 *10,450 | 3400 7,350 | *1400 *3,000 | *1400 *3,000 | 14 230 560 |
| -3000 mm -120 in | kg lb | *2850 *6,350 | *2850 *6,350 | *3550 *7,900 | *3550 *7,900 | *5200 *11,750 | *5200 *11,750 | *6450 *13,900 | 4400 9,450 | *5000 *10,850 | 3300 7,050 | *1500 *3,300 | 1450 3,200 | 13 790 550 |
| -4500 mm -180 in | kg lb | *3700 *8,200 | *3700 *8,200 | *4450 *9,900 | *4450 *9,900 | *6100 *13,750 | *6100 *13,750 | *6400 *13,800 | 4350 9,400 | *5050 *10,900 | 3250 6,950 | *1700 *3,800 | 1550 3,400 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4550 *10,150 | *4550 *10,150 | *5450 *12,200 | *5450 *12,200 | *7250 *16,350 | 6700 14,400 | *6150 *13,250 | 4400 9,500 | *4900 *10,550 | 3250 7,000 | *2000 *4,500 | 1700 3,800 | 12 340 490 |
| -7500 mm -300 in | kg lb | *5500 *12,300 | *5500 *12,300 | *6600 *14,850 | *6600 *14,850 | *7300 *15,650 | 6900 14,800 | *5650 *12,150 | 4500 9,750 | *4550 *9,800 | 3300 7,150 | *2550 *5,700 | 2000 4,450 | 11 240 440 |
| -9000 mm -360 in | kg lb | | | *8000 *17,500 | *8000 *17,500 | *6150 *13,100 | *6150 *13,100 | *4850 *10,350 | 4700 10,150 | *3950 *8,300 | 3450 7,500 | *2700 *5,900 | 2500 5,600 | 9800 380 |



ISO 10567



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

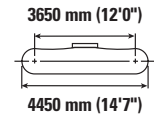
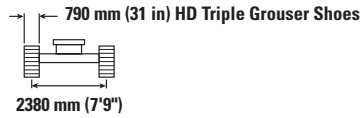
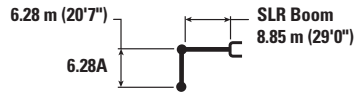
Lift capacity stays with ±5% for all available track shoes.













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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



|  | 9000 mm/360 in | | 10 500 mm/420 in | | 12 000 mm/480 in | | 13 500 mm/540 in | |  | | mm in | |
|---|---|---|---|---|---|---|--|---|---|---|-----------------|---------------|
| |  |  |  |  |  |  |  |  |  |  | | |
| 12 000 mm 480 in | kg lb | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | *2200 *4,750 | *2200 *4,750 | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | *2200 *4,800 | *2200 *4,800 | *2000 *3,700 | *2000 *3,700 | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | *2250 *4,950 | *2250 *4,950 | *2250 *4,900 | *2250 4,850 | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | *2400 *5,200 | *2400 *5,200 | *2300 *5,000 | 2250 4,750 | *1850 *3,250 | 1750 *3,250 | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | *2800 *6,050 | *2800 *6,050 | *2600 *5,600 | *2600 *5,600 | *2400 *5,250 | 2150 4,600 | *2300 *4,650 | 1750 3,650 | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | *3100 *6,750 | *3100 *6,750 | *2800 *6,050 | 2550 5,500 | *2550 *5,550 | 2050 4,400 | *2400 *5,200 | 1650 3,550 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | *3450 *7,450 | 3050 6,550 | *3000 *6,500 | 2400 5,200 | *2700 *5,850 | 1950 4,200 | *2500 *5,400 | 1600 3,450 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | *3750 *8,050 | 2850 6,100 | *3200 *6,900 | 2300 4,900 | *2850 *6,150 | 1900 4,000 | 2550 5,450 | 1550 3,300 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *3950 *8,550 | 2700 5,800 | *3350 *7,250 | 2200 4,700 | *2950 6,350 | 1800 3,850 | 2500 5,350 | 1500 3,250 | *1400 *3,000 | *1400 *3,000 | 14 230 560 |
| -3000 mm -120 in | kg lb | *4100 *8,850 | 2600 5,550 | *3450 *7,450 | 2100 4,550 | 2900 6,250 | 1750 3,750 | *2300 *3,700 | 1500 3,200 | *1500 *3,300 | 1450 3,200 | 13 790 550 |
| -4500 mm -180 in | kg lb | *4100 *8,900 | 2550 5,450 | 3450 7,400 | 2100 4,450 | 2900 6,200 | 1750 3,750 | | | *1700 *3,800 | 1550 3,400 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4000 *8,650 | 2550 5,500 | *3350 *7,200 | 2100 4,500 | *2800 *5,150 | 1800 3,850 | | | *2000 *4,500 | 1700 3,800 | 12 340 490 |
| -7500 mm -300 in | kg lb | *3750 *8,000 | 2600 5,650 | *3050 *6,450 | 2150 4,650 | | | | | *2550 *5,700 | 2000 4,450 | 11 240 440 |
| -9000 mm -360 in | kg lb | *3150 *6,550 | 2750 5,950 | | | | | | | *2700 *5,900 | 2500 5,600 | 9800 380 |



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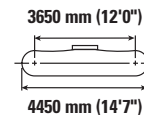
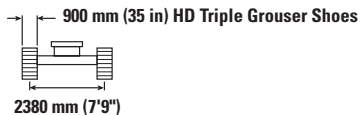
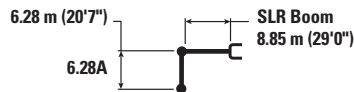
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|---------------|
| | | | | | | | | | | | | | | |
| 12 000 mm 480 in | kg lb | | | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | | | | | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | | | | | | | | | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | | | | | | | | | | | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | | | *4700 *11,900 | *4700 *11,900 | *6050 *12,900 | *6050 *12,900 | *4450 *9,600 | *4450 *9,600 | *3600 *7,800 | *3600 *7,800 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | | | | | *6750 *16,000 | *6750 *16,000 | *5250 *11,300 | *5250 *11,300 | *4100 *8,900 | 3950 8,550 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | | | *2050 *4,550 | *2050 *4,550 | *4700 *10,750 | *4700 *10,750 | *5900 *12,700 | 4900 10,550 | *4550 *9,800 | 3700 7,900 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *2100 *4,600 | *2100 *4,600 | *2750 *6,100 | *2750 *6,100 | *4650 *10,550 | *4650 *10,550 | *6250 *13,550 | 4600 9,950 | *4850 *10,450 | 3450 7,450 | *1400 *3,000 | *1400 *3,000 | 14 230 560 |
| -3000 mm -120 in | kg lb | *2850 *6,350 | *2850 *6,350 | *3550 *7,900 | *3550 *7,900 | *5200 *11,750 | *5200 *11,750 | *6450 *13,900 | 4450 9,650 | *5000 *10,850 | 3350 7,200 | *1500 *3,300 | 1500 3,250 | 13 790 550 |
| -4500 mm -180 in | kg lb | *3700 *8,200 | *3700 *8,200 | *4450 *9,900 | *4450 *9,900 | *6100 *13,750 | *6100 *13,750 | *6400 *13,800 | 4450 9,550 | *5050 *10,900 | 3300 7,100 | *1700 *3,800 | 1600 3,500 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4550 *10,150 | *4550 *10,150 | *5450 *12,200 | *5450 *12,200 | *7250 *16,350 | 6800 14,650 | *6150 *13,250 | 4500 9,650 | *4900 *10,550 | 3300 7,100 | *2000 *4,500 | 1750 3,850 | 12 340 490 |
| -7500 mm -300 in | kg lb | *5500 *12,300 | *5500 *12,300 | *6600 *14,850 | *6600 *14,850 | *7300 *15,650 | 7000 15,050 | *5650 *12,150 | 4600 9,900 | *4550 *9,800 | 3400 7,300 | *2550 *5,700 | 2050 4,500 | 11 240 440 |
| -9000 mm -360 in | kg lb | | | *8000 *17,500 | *8000 *17,500 | *6150 *13,100 | *6150 *13,100 | *4850 *10,350 | 4800 10,300 | *3950 *8,300 | 3500 7,600 | *2700 *5,900 | 2550 5,700 | 9800 380 |



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

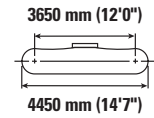
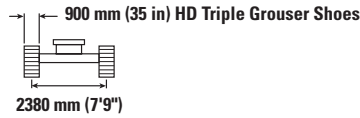
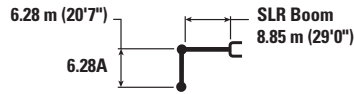
Lift capacity stays with ±5% for all available track shoes.












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

(continued on next page)

323 Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 5.4 mt (11,900 lb) – without Bucket (continued)



| | | 9000 mm/360 in | | 10 500 mm/420 in | | 12 000 mm/480 in | | 13 500 mm/540 in | |  | | mm in |
|---------------------|----------|---|---|---|---|---|---|--|---|---|---|---------------|
| | |  |  |  |  |  |  |  |  |  |  | |
| 12 000 mm 480 in | kg lb | | | | | | | | | *1300 *2,850 | *1300 *2,850 | 10 350 400 |
| 10 500 mm 420 in | kg lb | | | *2200 *4,750 | *2200 *4,750 | | | | | *1200 *2,600 | *1200 *2,600 | 11 660 460 |
| 9000 mm 360 in | kg lb | | | *2200 *4,800 | *2200 *4,800 | *2000 *3,700 | *2000 *3,700 | | | *1150 *2,500 | *1150 *2,500 | 12 660 500 |
| 7500 mm 300 in | kg lb | | | *2250 *4,950 | *2250 *4,950 | *2250 *4,900 | *2250 *4,900 | | | *1100 *2,450 | *1100 *2,450 | 13 410 530 |
| 6000 mm 240 in | kg lb | | | *2400 *5,200 | *2400 *5,200 | *2300 *5,000 | 2250 4,850 | *1850 *3,250 | 1800 *3,250 | *1100 *2,400 | *1100 *2,400 | 13 970 550 |
| 4500 mm 180 in | kg lb | *2800 *6,050 | *2800 *6,050 | *2600 *5,600 | *2600 *5,600 | *2400 *5,250 | 2200 4,650 | *2300 *4,650 | 1750 3,700 | *1100 *2,450 | *1100 *2,450 | 14 340 570 |
| 3000 mm 120 in | kg lb | *3100 *6,750 | *3100 *6,750 | *2800 *6,050 | 2600 5,600 | *2550 *5,550 | 2100 4,450 | *2400 *5,200 | 1700 3,600 | *1150 *2,500 | *1150 *2,500 | 14 550 580 |
| 1500 mm 60 in | kg lb | *3450 *7,450 | 3100 6,650 | *3000 *6,500 | 2450 5,250 | *2700 *5,850 | 2000 4,250 | *2500 *5,400 | 1650 3,500 | *1200 *2,600 | *1200 *2,600 | 14 600 580 |
| 0 mm 0 in | kg lb | *3750 *8,050 | 2900 6,200 | *3200 *6,900 | 2350 5,000 | *2850 *6,150 | 1900 4,100 | *2550 *5,550 | 1600 3,400 | *1300 *2,800 | *1300 *2,800 | 14 490 570 |
| -1500 mm -60 in | kg lb | *3950 *8,550 | 2750 5,900 | *3350 *7,250 | 2250 4,750 | *2950 *6,350 | 1850 3,950 | 2550 5,450 | 1550 3,300 | *1400 *3,000 | *1400 *3,000 | 14 230 560 |
| -3000 mm -120 in | kg lb | *4100 *8,850 | 2650 5,650 | *3450 *7,450 | 2150 4,600 | 2950 6,350 | 1800 3,850 | *2300 *3,700 | 1550 3,250 | *1500 *3,300 | 1500 3,250 | 13 790 550 |
| -4500 mm -180 in | kg lb | *4100 *8,900 | 2600 5,550 | *3450 *7,500 | 2100 4,550 | 2950 6,350 | 1800 3,800 | | | *1700 *3,800 | 1600 3,500 | 13 170 520 |
| -6000 mm -240 in | kg lb | *4000 *8,650 | 2600 5,600 | *3350 *7,200 | 2150 4,600 | *2800 *5,150 | 1800 3,900 | | | *2000 *4,500 | 1750 3,850 | 12 340 490 |
| -7500 mm -300 in | kg lb | *3750 *8,000 | 2650 5,750 | *3050 *6,450 | 2200 4,750 | | | | | *2550 *5,700 | 2050 4,500 | 11 240 440 |
| -9000 mm -360 in | kg lb | *3150 *6,550 | 2800 6,050 | | | | | | | *2700 *5,900 | 2550 5,700 | 9800 380 |



ISO 10567



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

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

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

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

| | Linkage | Width | | Capacity | | Weight | | Fill % | 4.2 mt (9,300 lb) Counterweight | | | | 5.4 mt (11,900 lb) Counterweight | | SLR | |
|---|---------|-------|----|----------------|-----------------|--------|-------|-----------|------------------------------------|----------------|----------------|----------------|-------------------------------------|----------------|-------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | | Reach Boom | | VA Boom | | Reach Boom | | | |
| | | | | | | | | | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | | |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 812 | 1,789 | 100 | ● | ● | ⊙ | ⊖ | ● | ● | | |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ⊙ | ⊙ | ⊖ | ⊖ | ● | ● | | |
| General Duty | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ● | ● | ⊙ | ⊖ | ● | ● | | |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ● | ● | ● | ⊙ | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ● | ⊙ | ⊖ | ⊖ | ● | ● | | |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ⊙ | ⊖ | ⊖ | ○ | ● | ● | | |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ● | ● | ● | ⊙ | ● | ● | | |
| Severe Duty Spade | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ● | ● | ⊙ | ⊖ | ● | ● | | |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ● | ⊙ | ⊖ | ⊖ | ● | ● | | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ⊙ | ⊙ | ⊖ | ○ | ● | ● | | |
| General Duty | 312 | 900 | 36 | 0.53 | 0.69 | 403 | 888 | 100 | | | | | | | ○ | |
| Ditch Cleaning | 312 | 1200 | 48 | 0.57 | 0.74 | 386 | 851 | 100 | | | | | | | ○ | |
| Maximum load with pin-on (payload + bucket) | | | | | | | | | kg | 3330 | 3100 | 2790 | 2600 | 3980 | 3710 | 1140 |
| | | | | | | | | | lb | 7,341 | 6,834 | 6,151 | 5,732 | 8,774 | 8,179 | 2,513 |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

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

(continued on next page)

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | 4.2 mt (9,300 lb) Counterweight | | | | 5.4 mt (11,900 lb) Counterweight | | SLR | |
|--|---------|-------|----|----------------|-----------------|--------|-------|------|------------------------------------|----------------|----------------|----------------|-------------------------------------|----------------|-------|----------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | Reach Boom | | VA Boom | | Reach Boom | | |
| | | | | | | | | | | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | | R2.9 (9'6") |
| With Cat Pin Grabber Coupler | | | | | | | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 812 | 1,789 | 100 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ⊖ | ⊖ | ○ | ◇ | ● | ⊙ | | |
| | B | 1400 | 55 | 1.43 | 1.87 | 879 | 1,937 | 100 | ⊖ | ○ | ◇ | ◇ | ⊙ | ⊙ | | |
| General Duty | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ● | ● | ⊙ | ⊖ | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| | B | 1400 | 55 | 1.43 | 1.87 | 874 | 1,926 | 100 | ⊖ | ○ | ◇ | ◇ | ⊙ | ⊙ | | |
| | B | 1500 | 60 | 1.58 | 2.06 | 914 | 2,014 | 100 | ○ | ○ | ◇ | ◇ | ⊙ | ⊖ | | |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ● | ⊙ | ⊖ | ○ | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ⊙ | ⊖ | ○ | ◇ | ● | ● | | |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ⊖ | ○ | ○ | ◇ | ● | ⊙ | | |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ● | ● | ⊖ | ⊖ | ● | ● | | |
| Severe Duty Spade | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ⊖ | ○ | ◇ | ◇ | ● | ⊙ | | |
| Maximum load with coupler (payload + bucket) | | | | | | | | | kg | 3016 | 2779 | 2470 | 2273 | 3677 | 3401 | |
| | | | | | | | | | lb | 6,649 | 6,127 | 5,446 | 5,011 | 8,107 | 7,498 | |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)

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

(continued on next page)

323 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | 4.2 mt (9,300 lb) Counterweight | | | | 5.4 mt (11,900 lb) Counterweight | | SLR | |
|--|---------|-------|----|----------------|-----------------|--------|-------|------|---------------------------------|-------------|-------------|-------------|----------------------------------|-------------|-------|-------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | Reach Boom | | VA Boom | | Reach Boom | | |
| | | | | | | | | | | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | | R2.9 (9'6") |
| With CW-40 Quick Coupler | | | | | | | | | | | | | | | | |
| General Duty | B | 900 | 36 | 0.81 | 1.06 | 664 | 1,463 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1050 | 42 | 1.00 | 1.31 | 711 | 1,567 | 100 | ● | ● | ⊙ | ⊙ | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 781 | 1,721 | 100 | ● | ⊙ | ⊖ | ○ | ● | ● | | |
| | B | 1300 | 51 | 1.30 | 1.70 | 813 | 1,791 | 100 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 618 | 1,363 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 886 | 1,953 | 100 | ⊙ | ⊙ | ⊖ | ○ | ● | ● | | |
| Ditch Cleaning | B | 2100 | 83 | 1.29 | 1.69 | 792 | 1,746 | 100 | ⊙ | ⊖ | ⊖ | ○ | ● | ● | | |
| | B | 2100 | 83 | 1.46 | 1.91 | 809 | 1,784 | 100 | ⊖ | ⊖ | ○ | ◇ | ● | ⊙ | | |
| | B | 1800 | 72 | 1.50 | 1.96 | 775 | 1,709 | 100 | ⊖ | ⊖ | ○ | ◇ | ● | ⊙ | | |
| | B | 1800 | 72 | 1.50 | 1.96 | 737 | 1,624 | 100 | ⊖ | ⊖ | ○ | ◇ | ● | ⊙ | | |
| | B | 2100 | 83 | 1.76 | 2.31 | 864 | 1,905 | 100 | ○ | ○ | ◇ | ◇ | ⊖ | ⊖ | | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | ⊖ | ⊖ | ○ | ◇ | ● | ⊙ | | |
| Maximum load with coupler (payload + bucket) | | | | | | | | | kg | 3188 | 2951 | 2642 | 2445 | 3849 | 3573 | |
| | | | | | | | | | lb | 7,028 | 6,506 | 5,825 | 5,390 | 8,486 | 7,877 | |
| With CW-40S Quick Coupler | | | | | | | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 508 | 1,119 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 750 | 30 | 0.64 | 0.84 | 592 | 1,305 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 900 | 36 | 0.81 | 1.06 | 661 | 1,457 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1300 | 51 | 1.30 | 1.70 | 810 | 1,785 | 100 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| | B | 1400 | 55 | 1.43 | 1.87 | 845 | 1,862 | 100 | ⊖ | ○ | ○ | ◇ | ● | ⊙ | | |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 585 | 1,289 | 100 | ● | ● | ● | ● | ● | ● | | |
| | B | 1200 | 48 | 1.19 | 1.56 | 875 | 1,928 | 100 | ⊙ | ⊖ | ○ | ○ | ● | ● | | |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 815 | 1,797 | 100 | ⊙ | ⊖ | ⊖ | ○ | ● | ● | | |
| | B | 2200 | 87 | 1.36 | 1.78 | 880 | 1,940 | 100 | ⊖ | ⊖ | ○ | ◇ | ● | ⊙ | | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1142 | 2,518 | 100 | ⊖ | ○ | ○ | ◇ | ● | ⊙ | | |
| Maximum load with coupler (payload + bucket) | | | | | | | | | kg | 3099 | 2869 | 2559 | 2369 | 3749 | 3479 | |
| | | | | | | | | | lb | 6,832 | 6,325 | 5,642 | 5,223 | 8,265 | 7,670 | |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

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.

323 Hydraulic Excavator Specifications

Attachments Offering Guide

| PIN-ON ATTACHMENTS | | | | | | | |
|------------------------------------|--------------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120E S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H120 GC S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | H130E S | ✓ | ✓† | ✓ | ✓† | ✓ | ✓† |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 D Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 P Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 U Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G315B WH | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G320B | ✓ | ✓* | ✓ | ✓ | ✓ | ✓ |
| | G320B WH | ✓ | ✓* | ✓ | ✓ | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Clamshell Grapples | CTV15 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Orange Peel Grapples | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rippers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Tilt-rotators | TRS18 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CW Dedicated Couplers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cat Pin Grabber Couplers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

*Working range front only

†Allowed usage on machine less than 50%

Demolition and Sorting Grapple: WH – Waste Handling shells

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

CAT PIN GRABBER COUPLER ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------------|--------------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H120 GC S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 D Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 P Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 U Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G315B WH | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G320B | | | ✓ | | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rippers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

†Allowed usage on machine less than 50%

Demolition and Sorting Grapple: WH – Waste Handling shells

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

CW-40 DEDICATED COUPLER ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------------|--------------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H120 GC S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 D Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 P Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 U Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G315B WH | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G320B | ✓* | | ✓ | | ✓ | ✓ |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pallet Fork | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rippers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

*Working range front only

†Allowed usage on machine less than 50%

Demolition and Sorting Grapple: WH – Waste Handling shells

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

CW-40S DEDICATED COUPLER ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------------|--------------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H120 GC S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 D Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 P Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MP318 U Jaw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G315B WH | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | G320B | ✓* | | ✓ | | | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rippers | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

*Working range front only

†Allowed usage on machine less than 50%

Demolition and Sorting Grapple: WH – Waste Handling shells

(continued on next page)

323 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

TRS18 WITH S70 ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------|---------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

TRS18 WITH CW-30S ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------|-----------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H120E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

TRS18 WITH CW-30 ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------|-----------|-------------------|--------------|--------------------|--------------|--------------------|--------------|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H120E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† | ✓† | ✓† |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

BOOM-MOUNT ATTACHMENTS

| Counterweight | | 4.2 mt (9,300 lb) | | 5.4 mt (11,900 lb) | | 5.4 mt (11,900 lb) | |
|------------------------------------|-------|-------------------|---|--------------------|---|--------------------|--|
| Boom Type | | Reach Boom | | Reach Boom | | VA Boom | |
| Mobile Scrap and Demolition Shears | S2050 | | ✓ | | ✓ | | |
| | S3035 | | ✓ | | ✓ | | |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

†Allowed usage on machine less than 50%

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|---|----------|----------|--|----------|----------|
| ENGINE | | | UNDERCARRIAGE AND STRUCTURES | | |
| C7.1 single turbo diesel engine | ✓ | | Tie-down points on base frame | ✓ | |
| Three selectable power modes | ✓ | | Track guiding guard, segmented two pieces | ✓ | |
| Automatic engine speed control | ✓ | | Track guiding guard, full length | | ✓ |
| Automatic engine idle shutdown | ✓ | | Heavy-duty bottom guard | ✓ | |
| Work up to 3000 m (9,840 ft) above sea level without engine power de-rating | ✓ | | Standard swivel guard | ✓ | |
| 46° C (115° F) high-ambient cooling capacity | ✓ | | Heavy-duty travel motor guards | ✓ | |
| 52° C (125° F) high-ambient cooling capacity | | ✓ | Grease lubricated track links | ✓ | |
| Cold starting capability for -18° C (0° F) | ✓ | | 4200 kg (9,300 lb) counterweight | | ✓ |
| Cold starting capability for -32° C (-25° F) | | ✓ | 5400 kg (11,900 lb) counterweight | ✓ | |
| Double element air filter with integrated precleaner | ✓ | | HD swing frame | ✓ | |
| Electric fuel priming pump | ✓ | | Semi-HD swing frame | | ✓ |
| On-demand electric cooling fans with auto-reverse function | ✓ | | HD swing bearing | ✓ | |
| Biodiesel capability up to B20 | ✓ | | Standard swing bearing | | ✓ |
| HYDRAULIC SYSTEM | | | HD base frame with SD track rollers and standard carrier rollers | ✓ | |
| Boom and stick regeneration circuits | ✓ | | Standard base frame with HD track rollers and standard carrier rollers | | ✓ |
| Boom/stick lowering check valves | ✓ | | Final drive with bio oil capable travel motor | ✓ | |
| SmartBoom™ | ✓ | | BOOMS, STICKS AND LINKAGES | | |
| Electronic main control valve | ✓ | | 600 mm (24 in) HD triple grouser track shoes | ✓ | |
| Automatic hydraulic warm up | ✓ | | 700 mm (28 in) HD triple grouser track shoes | | ✓ |
| Automatic two-speed travel | ✓ | | 790 mm (31 in) HD triple grouser track shoes | | ✓ |
| Boom and stick drift reduction valve | ✓ | | 900 mm (35 in) HD triple grouser track shoes | | ✓ |
| Element type main hydraulic filter | ✓ | | 5.7 m (18'8") Reach boom | ✓ | |
| Slider joysticks | ✓ | | Variable Angle boom (2.8 m/9'2" stub + 3.3 m/10'10" fore) | | ✓ |
| Tandem type electronic main pump | ✓ | | Super Long Reach boom (8.85 m/29'0") | | ✓ |
| Advanced Tool Control (two pump, one/two way high-pressure flow) | | ✓ | 2.9 m (9'6") Reach stick | ✓ | |
| Medium pressure auxiliary circuit | | ✓ | 2.5 m (8'2") Reach stick | | ✓ |
| Quick coupler circuit for Cat Pin Grabber CW Dedicated | ✓ | | Super Long Reach stick (6.28 m/20'7") | | ✓ |
| | | | Bucket linkage, B1-family with lifting eye | ✓ | |
| | | | Bucket linkage, A-family without lifting eye | | ✓ |

(continued on next page)

323 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 |
|--|----------|----------|--|----------|----------|
| ELECTRICAL SYSTEM | | | SERVICE AND MAINTENANCE | | |
| 1,000 CCA maintenance-free batteries (×2) | ✓ | | Sampling ports for Scheduled Oil Sampling (S·O·S SM) | ✓ | |
| 1,000 CCA maintenance-free batteries (×4) | | ✓ | QuickEvac TM maintenance ready | | ✓ |
| Centralized electrical disconnect switch | ✓ | | Grouped location for engine oil and fuel filters | ✓ | |
| Programmable time-delay LED working lights | ✓ | | Ground-level second dipstick for engine oil | ✓ | |
| LED chassis light, LH and RH boom lights, cab lights | ✓ | | Electric refueling pump with auto shut-off | ✓ | |
| LED chassis light, LH and RH boom lights, cab lights with cover and rain protector – for use with 360° visibility | | ✓ | Radiator screen | | ✓ |
| CAT TECHNOLOGY | | | SAFETY AND SECURITY | | |
| Cat Product Link TM | ✓ | | Rear and right-hand-sideview cameras | ✓ | |
| Work tool recognition | ✓ | | Cab mirror for RH side track edge | ✓ | |
| Work tool tracking* | ✓ | | 360° visibility | | ✓ |
| Laser catcher | | ✓ | Neutral lever (lock out) for all controls | ✓ | |
| Cat GRADE with 2D and offset memory | ✓ | | Anti-skid plate and countersunk bolts on service platform | ✓ | |
| Cat GRADE with Advanced 2D | | ✓ | Ground-level accessible secondary engine shutoff switch in cab | ✓ | |
| Cat GRADE with 3D connectivity: – Virtual Reference Station** – Internet Base Service Station** – Trimble Connected Community** | | ✓ | RH handrail and hand hold (ISO 2867:2011 compliant) | ✓ | |
| Cat Assist: – Grade Assist – Boom Assist – Bucket Assist – Swing Assist – Lift Assist | ✓ | | | | |
| Cat PAYLOAD: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability | ✓ | | | | |
| 2D E-Fence: – E-ceiling – E-floor – E-swing – E-wall – E-cab avoidance | ✓ | | | | |
| Auto hammer stop | ✓ | | | | |
| Remote Services capability | ✓ | | | | |

*Paired with PL161 attachment locator.

**Subscription required.

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- LH/RH electrical pedal for tool control
- Rain protector plus cab light cover
- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Bluetooth® key fob

ELECTRICAL

- Jump start wiring
- Premium lighting package

GUARDS

- Side rubber bumper
- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front

323 Cab Options

Cab Options

| | Deluxe | Premium |
|---|--------|---------|
| ROPS, standard sound suppression | ● | X |
| ROPS, advanced sound suppression | X | ● |
| High-resolution 254 mm (10 in) LCD touchscreen monitor | ● | ● |
| Automatic bi-level air conditioner | ● | ● |
| Jog dial and shortcut keys for monitor control | ● | ● |
| Keyless push-to-start engine control | ● | ● |
| Heated seat with air-adjustable suspension | ● | X |
| Heated and cooled seat with automatic adjustable suspension | X | ● |
| Height-adjustable console, infinite with no tool | ● | ● |
| Tilt-up left-side console | ● | ● |
| 51 mm (2 in) seat belt | ● | ● |
| Bluetooth integrated radio with USB ports | ● | ● |
| 12V DC outlets | ● | ● |
| Document storage | ● | ● |
| Rear head storage net and lunchbox storage net | ● | ● |
| Cup and bottle holders | ● | ● |
| Openable two-piece front window | ● | ● |
| Fixed one-piece front window | X | ○ |
| Upper radial wiper with washer | ● | X |
| Parallel wiper with washer | X | ● |
| Openable polycarbonate skylight hatch | ● | ● |
| Fixed glass skylight hatch | X | ○ |
| LED dome light | ● | ● |
| Floor welcome light | ● | ● |
| Roller front sunscreen | ○ | ● |
| Roller rear sunscreen | ○ | ● |
| Rear window emergency exit | ● | ● |
| Washable floor mat | ● | ● |
| Beacon ready | ● | ● |

● Standard

○ Optional

X Not available



323

Narrow, High Drawbar Hydraulic Excavators

The Cat® 323 Narrow excavator is designed with a transportation width less than 2.55 m (8'4"). The High Drawbar variant is designed for mountain areas that need low widths and extra traction to climb steep slopes. Both bring premium performance with simple-to-use technology from the factory to boost your operating efficiency up to 45%.

High Performance

- The excavators consume up to 25% less fuel than the models they replace.
- VA boom options expand the your working area.
- Swing torque increase of 10% makes slope work easier.
- Smart mode automatically matches engine and hydraulic power to digging conditions.
- Don't let the temperature stop you from working. Standard high-ambient temperature capability is 52° C (125° F) with derate and cold start capability of -18° C (0° F). An optional -32° C (-25° F) cold start package is available.

Cat Technology

- Get up to 45% operating efficiency with standard Cat technologies.
- Standard 2D Grade and Grade Assist help you get to your depth and slope targets with little effort.
- Optional Advanced 2D or 3D allow you to create and edit designs with ease.
- Standard Payload helps you see your production in real time.
- Combine Payload with VisionLink® and remotely manage your production targets, now with the capability to download on a USB stick.

All New Cab

- Deluxe cab has a heated, air-adjustable seat.
- Premium cab has an auto-adjustable seat that's heated and cooled.
- Tilt-up console improves ingress/egress up to 45%.
- Advanced viscous mounts reduce cab vibration up to 50% over previous excavator models.
- Use the standard radio's USB ports and Bluetooth® technology to connect personal devices and make hands-free calls.

Simple to Operate

- All controls are positioned to reduce twisting and turning.
- Start the engine with a push button; use a Bluetooth key fob, smartphone app, or the unique Operator ID function.
- Preferences can be set and remembered with Operator ID.
- Touchscreen monitor and jog dial control make navigating through menus easy.
- Not sure how a function works or how to maintain the excavator? Always have the operator's manual at your fingertips in the touchscreen monitor.

Less Maintenance

- Expect up to 20% less maintenance cost than the model it replaces.
- Change all fuel filters at a synchronized 1,000 hours – a 100% increase over the previous fuel filters.
- Expect the new air intake filter with precleaner to last up to 1,000 hours – a 100% increase over the previous filter.
- All routine maintenance can be done at ground level.
- The engine's aftertreatment system requires no maintenance.
- High-efficiency cooling fans run only when needed; you can program intervals so they automatically reverse to keep cores clean without interrupting your work.

Enhanced Safety

- 2D E-Fence prevents the excavator from working outside operator defined set points.
- Lift Assist lets you know if you are within the excavator's safe working range limits.
- Rearview and right-hand-sideview cameras are standard.
- New right service platform design provides easy, safe, and quick access to upper service platform; the service platform steps use anti-skid punch plate to prevent slipping.
- Boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose power.



323 Narrow, High Drawbar Hydraulic Excavator Specifications

Engine

| | | |
|--------------------------|-----------|---------------------|
| Engine Model | Cat® C4.4 | |
| Engine Power (ISO 9249) | 129 kW | 172 hp |
| Engine Power (ISO 14396) | 129 kW | 174 hp |
| Bore | 105 mm | 4 in |
| Stroke | 127 mm | 5 in |
| Displacement | 4.40 L | 269 in ³ |

- The 323 Narrow meets EU Stage V emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Rating at 2,200 rpm.

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg of refrigerant, which has a CO₂ equivalent of 1.287 metric tonnes.

Swing Mechanism

| | | |
|----------------------|----------|---------------|
| Swing Speed | 11.1 rpm | |
| Maximum Swing Torque | 82 kN·m | 60,300 lbf·ft |

Weights

| | | |
|------------------|-----------|-----------|
| Operating Weight | 23 200 kg | 51,147 lb |
|------------------|-----------|-----------|

- Long undercarriage, Reach boom, R2.9 (9'6"), GD 1.43 m³ (1.87 yd³) bucket, 500 mm (20 in) triple grouser shoe and 4.55 mt (10,031 lb) counterweight for Narrow configuration.

Track

Narrow

| | | |
|---------------------------------------|--------|-------|
| Standard Track Shoes Width | 500 mm | 20 in |
| Number of Shoes (each side) | 49 | |
| Number of Track Rollers (each side) | 8 | |
| Number of Carrier Rollers (each side) | 2 | |

High Drawbar

| | | |
|---------------------------------------|--------|-------|
| Optional Track Shoes Width | 550 mm | 22 in |
| Number of Shoes (each side) | 45 | |
| Number of Track Rollers (each side) | 7 | |
| Number of Carrier Rollers (each side) | 2 | |

Drive

| | | |
|----------------------|---------|--|
| Maximum Gradeability | 35°/70% | |
|----------------------|---------|--|

Narrow

| | | |
|----------------------|----------|------------|
| Maximum Travel Speed | 5.7 km/h | 3.5 mph |
| Maximum Drawbar Pull | 205 kN | 46,086 lbf |

High Drawbar

| | | |
|----------------------|----------|------------|
| Maximum Travel Speed | 4.5 km/h | 2.8 mph |
| Maximum Drawbar Pull | 251 kN | 56,427 lbf |

Hydraulic System

| | | |
|--|-----------------------------------|------------------------------------|
| Main System – Maximum Flow – Implement | 429 L/min (214.5 × 2 pumps) | 113 gal/min (56.5 × 2 pumps) |
| Maximum Pressure – Equipment – Implement | 35 000 kPa | 5,075 psi |
| Maximum Pressure – Equipment – Lift Mode | 38 000 kPa | 5,510 psi |
| Maximum Pressure – Travel | 35 000 kPa | 5,076 psi |
| Maximum Pressure – Swing | 27 500 kPa | 3,998 psi |
| Boom Cylinder – Bore | 120 mm | 5 in |
| Boom Cylinder – Stroke | 1260 mm | 50 in |
| Stick Cylinder – Bore | 140 mm | 6 in |
| Stick Cylinder – Stroke | 1504 mm | 59 in |
| Bucket Cylinder – Bore | 120 mm | 5 in |
| Bucket Cylinder – Stroke | 1104 mm | 43 in |

Service Refill Capacities

| | | |
|---|--------|----------|
| Fuel Tank Capacity | 267 L | 70.5 gal |
| Cooling System | 12.5 L | 3.3 gal |
| Engine Oil (with filter) | 15 L | 4.0 gal |
| Swing Drive | 12 L | 3.2 gal |
| Final Drive (each) | 4.5 L | 1.2 gal |
| Hydraulic System (including tank) | 218 L | 57.6 gal |
| Hydraulic Tank (including suction pipe) | 115 L | 30.4 gal |
| DEF Tank | 26 L | 6.9 gal |

Sound Performance

| | |
|----------------------------|----------|
| ISO 6395:2008 (external) | 99 dB(A) |
| ISO 6396:2008 (inside cab) | 70 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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| | 500 mm (20 in) Triple Grouser Shoes | | | | 550 mm (22 in) Double Grouser Shoes | | | |
|--|--|--------|-----------------|-----|--|--------|-----------------|-----|
| | Weight | | Ground Pressure | | Weight | | Ground Pressure | |
| | kg | lb | kPa | psi | kg | lb | kPa | psi |
| 4.55 mt (10,031 lb) Counterweight + Narrow Undercarriage Base Machine | | | | | | | | |
| Reach Boom + 2.9 m (9'6") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket | 22 700 | 50,045 | 56.7 | 8.2 | | | | |
| Variable Angle Boom + 2.5 m (8'2") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket | 23 900 | 52,700 | 59.7 | 8.7 | | | | |
| 4.55 mt (10,031 lb) Counterweight + High Drawbar Undercarriage Base Machine | | | | | | | | |
| Reach Boom + 2.9 m (9'6") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket | | | | | 23 700 | 52,249 | 55.7 | 8.1 |
| Variable Angle Boom + 2.5 m (8'2") Stick + 1.43 m ³ (1.87 yd ³) GD Bucket | | | | | 25 000 | 55,100 | 58.7 | 8.5 |

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

Major Component Weights

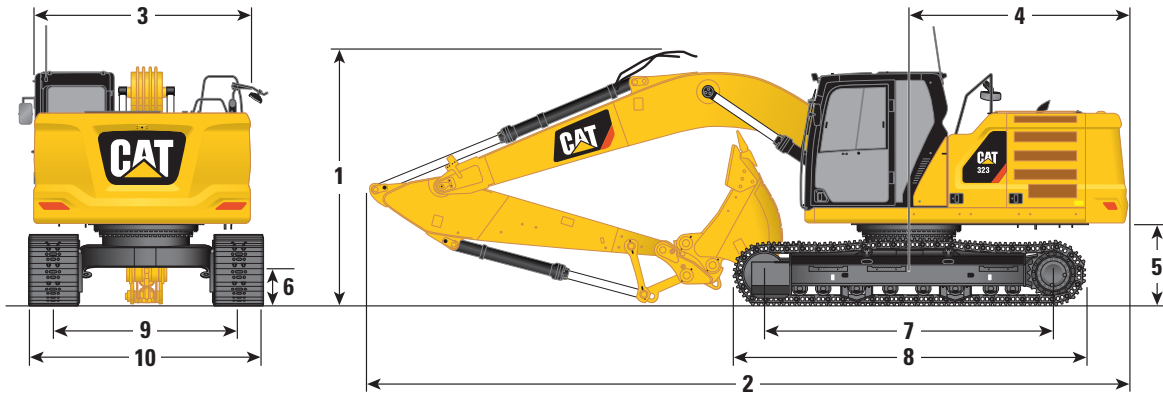
| | kg | lb |
|--|--------|--------|
| Base Machine Weight: | | |
| – Including upperframe, undercarriage, counterweight, boom cylinders | | |
| – Without boom, stick, bucket, stick cylinder, bucket cylinder, tracks | | |
| – Without fuel, operator | | |
| With 4.55 mt (10,031 lb) Counterweight for Narrow Undercarriage | 15 799 | 34,800 |
| With 4.55 mt (10,031 lb) Counterweight for High Drawbar Undercarriage | 16 268 | 35,900 |
| Track Shoes: | | |
| 500 mm (20 in) Width, 12.5 mm (0.49 in) Thick, Triple Grouser Track Shoes for Narrow Undercarriage | 2835 | 6,200 |
| 550 mm (22 in) Width, 14.5 mm (0.57 in) Thick, Double Grouser Track Shoes for High Drawbar Undercarriage | 3369 | 7,400 |
| Two Boom Cylinders | 358 | 800 |
| Weight of 90% Fuel Tank and 75 kg (165 lb) Operator | 280 | 600 |
| Counterweight: | | |
| 4.55 mt (10,031 lb) Counterweight | 4550 | 10,000 |
| Booms (including lines, pins, stick cylinder): | | |
| Reach Boom (5.7 m/18'8") | 1777 | 3,900 |
| Variable Angle Boom (2.7 m/8'10" Stub + 3.3 m/10'10" Fore) | 3097 | 6,100 |
| Sticks (including lines, pins, bucket cylinder, bucket linkage): | | |
| Reach Stick (R2.9B1/9'6") | 996 | 2,200 |
| Reach Stick (R2.5B1/8'2") | 1051 | 2,300 |
| Buckets (without linkage, with tips and side cutters): | | |
| 1.43 m ³ (1.87 yd ³) GD | 915 | 2,000 |
| 1.30 m ³ (1.70 yd ³) GD | 838 | 1,800 |
| Quick Couplers: | | |
| Pin Grabber QC B with Pins | 427 | 900 |
| CW Dedicated QC B with Pins | 251 | 500 |

Refer to pages 58-60 for a complete list of bucket options.

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Dimensions – Narrow Undercarriage

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

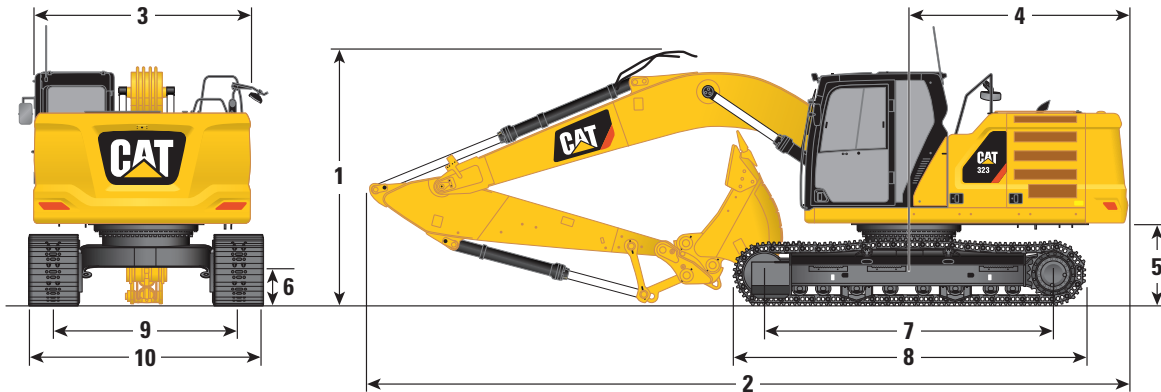


| Boom Options | Reach Boom 5.7 m (18'8") | | | | Variable Angle Boom 2.7 m (8'10") Stub/3.3 m (10'10") Fore | | | |
|---|-------------------------------|----------------------|-------------------------------|----------------------|---|----------------------|-------------------------------|----------------------|
| Stick Options | Reach Sticks R2.9B1 (9'6") | | Reach Sticks R2.5B1 (8'2") | | Reach Sticks R2.9B1 (9'6") | | Reach Sticks R2.5B1 (8'2") | |
| 1 Machine Height: | | | | | | | | |
| Top of Cab Height | 2975 mm | 9'9" | 2975 mm | 9'9" | 2975 mm | 9'9" | 2975 mm | 9'9" |
| Top of FOGS Height | 3118 mm | 10'3" | 3118 mm | 10'3" | 3118 mm | 10'3" | 3118 mm | 10'3" |
| Handrails Height | 2969 mm | 9'9" | 2969 mm | 9'9" | 2969 mm | 9'9" | 2969 mm | 9'9" |
| With Boom/Stick/Bucket Installed | 3063 mm | 10'1" | 3099 mm | 10'2" | 3015 mm | 9'11" | 2920 mm | 9'7" |
| With Boom/Stick Installed | 2936 mm | 9'8" | 2850 mm | 9'4" | 2954 mm | 9'8" | 2833 mm | 9'4" |
| With Boom Installed | 2400 mm | 7'10" | 2400 mm | 7'10" | 2322 mm | 7'7" | 2322 mm | 7'7" |
| 2 Machine Length: | | | | | | | | |
| With Boom/Stick/Bucket Installed | 9554 mm | 31'4" | 9570 mm | 31'5" | 9807 mm | 32'2" | 9841 mm | 32'3" |
| With Boom/Stick Installed | 9534 mm | 31'3" | 9521 mm | 31'3" | 9807 mm | 32'2" | 9846 mm | 32'4" |
| With Boom Installed | 8490 mm | 27'10" | 8490 mm | 27'10" | 8765 mm | 28'9" | 8765 mm | 28'9" |
| 3 Upperframe Width without Walkways | 2542 mm | 8'4" | 2542 mm | 8'4" | 2542 mm | 8'4" | 2542 mm | 8'4" |
| 4 Tail Swing Radius | 2822 mm | 9'3" | 2822 mm | 9'3" | 2822 mm | 9'3" | 2822 mm | 9'3" |
| 5 Counterweight Clearance without Shoe Lug | 1036 mm | 3'5" | 1036 mm | 3'5" | 1036 mm | 3'5" | 1036 mm | 3'5" |
| 6 Ground Clearance without Shoe Lug | 437 mm | 1'5" | 437 mm | 1'5" | 437 mm | 1'5" | 437 mm | 1'5" |
| 7 Length to Center of Rollers | 3646 mm | 12'0" | 3646 mm | 12'0" | 3646 mm | 12'0" | 3646 mm | 12'0" |
| 8 Track Length | 4455 mm | 14'7" | 4455 mm | 14'7" | 4455 mm | 14'7" | 4455 mm | 14'7" |
| 9 Track Gauge | 1995 mm | 6'7" | 1995 mm | 6'7" | 1995 mm | 6'7" | 1995 mm | 6'7" |
| Track Width: | | | | | | | | |
| 500 mm (20 in) Shoes | 500 mm | 1'6" | 500 mm | 1'6" | 500 mm | 1'6" | 500 mm | 1'6" |
| 10 Undercarriage Width (with steps/without steps): | | | | | | | | |
| 500 mm (20 in) Shoes | 2495 mm | 8'2" | 2495 mm | 8'2" | 2495 mm | 8'2" | 2495 mm | 8'2" |
| Bucket Type | GD | | GD | | GD | | GD | |
| Bucket Capacity | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ |
| Bucket Tip Radius | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" |

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Dimensions – High Drawbar Undercarriage

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

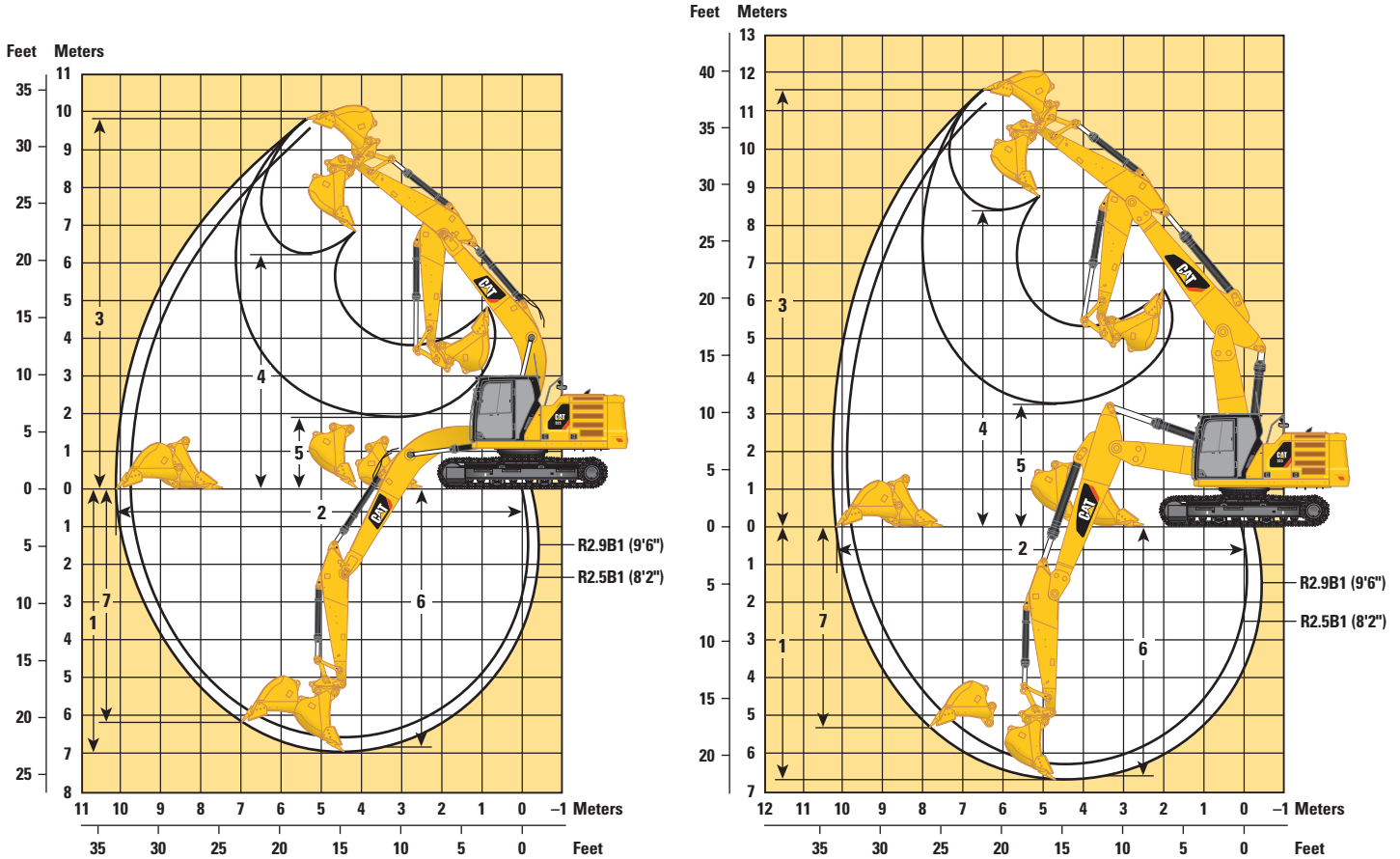


| Boom Options | Reach Boom 5.7 m (18'8") | | | | Variable Angle Boom 2.7 m (8'10") Stub/3.3 m (10'10") Fore | | | |
|---|-------------------------------|----------------------|-------------------------------|----------------------|---|----------------------|-------------------------------|----------------------|
| Stick Options | Reach Sticks R2.9B1 (9'6") | | Reach Sticks R2.5B1 (8'2") | | Reach Sticks R2.9B1 (9'6") | | Reach Sticks R2.5B1 (8'2") | |
| 1 Machine Height: | | | | | | | | |
| Top of Cab Height | 3050 mm | 10'0" | 3050 mm | 10'0" | 3050 mm | 10'0" | 3050 mm | 10'0" |
| Top of FOGS Height | 3193 mm | 10'6" | 3193 mm | 10'6" | 3193 mm | 10'6" | 3193 mm | 10'6" |
| Handrails Height | 3044 mm | 10'0" | 3044 mm | 10'0" | 3044 mm | 10'0" | 3044 mm | 10'0" |
| With Boom/Stick/Bucket Installed | 3056 mm | 10'0" | 3120 mm | 10'3" | 3090 mm | 10'2" | 2995 mm | 9'10" |
| With Boom/Stick Installed | 2952 mm | 9'8" | 2870 mm | 9'5" | 2977 mm | 9'9" | 2866 mm | 9'5" |
| With Boom Installed | 2447 mm | 8'0" | 2447 mm | 8'0" | 2368 mm | 7'9" | 2368 mm | 7'9" |
| 2 Machine Length: | | | | | | | | |
| With Boom/Stick/Bucket Installed | 9549 mm | 31'4" | 9566 mm | 31'5" | 9815 mm | 32'2" | 9838 mm | 32'3" |
| With Boom/Stick Installed | 9520 mm | 31'3" | 9504 mm | 31'2" | 9819 mm | 32'3" | 9830 mm | 32'3" |
| With Boom Installed | 8467 mm | 27'9" | 8467 mm | 27'9" | 8739 mm | 28'8" | 8739 mm | 28'8" |
| 3 Upperframe Width without Walkways | 2542 mm | 8'4" | 2542 mm | 8'4" | 2542 mm | 8'4" | 2542 mm | 8'4" |
| 4 Tail Swing Radius | 2822 mm | 9'3" | 2822 mm | 9'3" | 2822 mm | 9'3" | 2822 mm | 9'3" |
| 5 Counterweight Clearance without Shoe Lug | 1113 mm | 3'8" | 1113 mm | 3'8" | 1113 mm | 3'8" | 1113 mm | 3'8" |
| 6 Ground Clearance without Shoe Lug | 484 mm | 1'7" | 484 mm | 1'7" | 484 mm | 1'7" | 484 mm | 1'7" |
| 7 Length to Center of Rollers | 3490 mm | 11'5" | 3490 mm | 11'5" | 3490 mm | 11'5" | 3490 mm | 11'5" |
| 8 Track Length | 4358 mm | 14'4" | 4358 mm | 14'4" | 4358 mm | 14'4" | 4358 mm | 14'4" |
| 9 Track Gauge | 1896 mm | 6'3" | 1896 mm | 6'3" | 1896 mm | 6'3" | 1896 mm | 6'3" |
| Track Width: | | | | | | | | |
| 550 mm (22 in) Shoes | 550 mm | 1'8" | 550 mm | 1'8" | 550 mm | 1'8" | 550 mm | 1'8" |
| 10 Undercarriage Width (with steps/without steps): | | | | | | | | |
| 550 mm (22 in) Shoes | 2496 mm | 8'2" | 2496 mm | 8'2" | 2496 mm | 8'2" | 2496 mm | 8'2" |
| Bucket Type | GD | | | | | | | |
| Bucket Capacity | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ |
| Bucket Tip Radius | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" |

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Working Ranges – Narrow Undercarriage

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



Boom Options

Reach Boom
5.7 m (18'8")

Variable Angle Boom
2.7 m (8'10") Stub/3.3 m (10'10") Fore

Stick Options

Reach Sticks

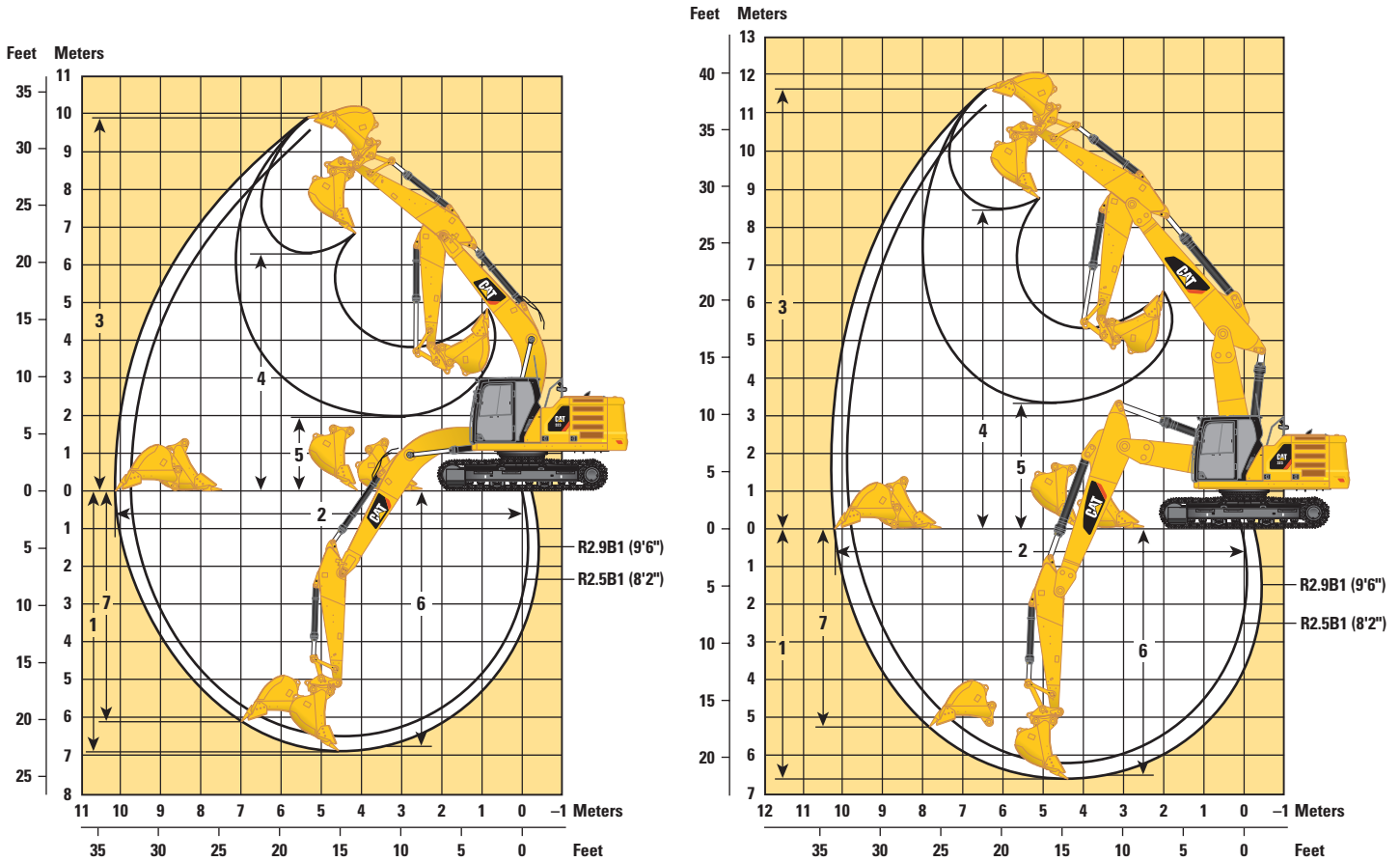
Reach Sticks

| | R2.9B1 (9'6") | | R2.5B1 (8'2") | | R2.9B1 (9'6") | | R2.5B1 (8'2") | |
|--|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| 1 Maximum Digging Depth | 7000 mm | 23'0" | 6580 mm | 21'7" | 6700 mm | 22'0" | 6290 mm | 20'8" |
| 2 Maximum Reach at Ground Line | 10 140 mm | 33'3" | 9740 mm | 31'11" | 10 220 mm | 33'6" | 9810 mm | 32'2" |
| 3 Maximum Cutting Height | 9810 mm | 32'2" | 9600 mm | 31'6" | 11 540 mm | 37'10" | 11 200 mm | 36'9" |
| 4 Maximum Loading Height | 6220 mm | 20'5" | 6010 mm | 19'9" | 8390 mm | 27'6" | 8050 mm | 26'5" |
| 5 Minimum Loading Height | 1900 mm | 6'3" | 2320 mm | 7'7" | 3250 mm | 10'8" | 3650 mm | 12'0" |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 6840 mm | 22'5" | 6400 mm | 21'0" | 6600 mm | 21'8" | 6180 mm | 20'3" |
| 7 Maximum Vertical Wall Digging Depth | 6190 mm | 20'4" | 5780 mm | 19'0" | 5330 mm | 17'6" | 4930 mm | 16'2" |
| Bucket Digging Force (ISO) | 141 kN | 31,590 lbf | 141 kN | 31,590 lbf | 141 kN | 31,590 lbf | 141 kN | 31,590 lbf |
| Stick Digging Force (ISO) | 107 kN | 23,987 lbf | 118 kN | 26,492 lbf | 107 kN | 23,983 lbf | 118 kN | 26,577 lbf |
| Bucket Type | GD | | GD | | GD | | GD | |
| Bucket Capacity | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ |
| Bucket Tip Radius | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" |

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Working Ranges – High Drawbar Undercarriage

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



Boom Options

Reach Boom
5.7 m (18'8")

Variable Angle Boom
2.7 (8'10") Stub/3.3 m (10'10") Fore

Stick Options

Reach Sticks

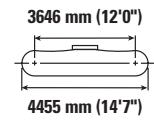
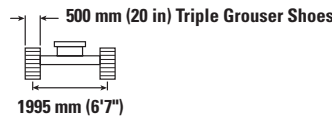
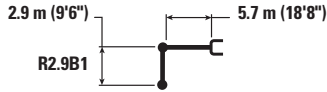
Reach Sticks

| | R2.9B1 (9'6") | | R2.5B1 (8'2") | | R2.9B1 (9'6") | | R2.5B1 (8'2") | |
|---|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| | GD | GD | GD | GD | GD | GD | GD | GD |
| 1 Maximum Digging Depth | 6930 mm | 22'9" | 6510 mm | 21'4" | 6630 mm | 21'9" | 6210 mm | 20'4" |
| 2 Maximum Reach at Ground Line | 10 130 mm | 33'3" | 9730 mm | 31'11" | 10 210 mm | 33'6" | 9800 mm | 32'2" |
| 3 Maximum Cutting Height | 9880 mm | 32'5" | 9680 mm | 31'9" | 11 610 mm | 38'1" | 11 270 mm | 37'0" |
| 4 Maximum Loading Height | 6290 mm | 20'8" | 6090 mm | 20'0" | 8460 mm | 27'9" | 8120 mm | 26'8" |
| 5 Minimum Loading Height | 1970 mm | 6'6" | 2390 mm | 7'10" | 3330 mm | 10'11" | 3720 mm | 12'2" |
| 6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom | 6770 mm | 22'3" | 6330 mm | 20'9" | 6530 mm | 21'5" | 6110 mm | 20'1" |
| 7 Maximum Vertical Wall Digging Depth | 6120 mm | 20'1" | 5710 mm | 18'9" | 5260 mm | 17'3" | 4860 mm | 15'11" |
| Bucket Digging Force (ISO) | 141 kN | 31,590 lbf | 141 kN | 31,590 lbf | 141 kN | 31,590 lbf | 141 kN | 31,590 lbf |
| Stick Digging Force (ISO) | 107 kN | 23,987 lbf | 118 kN | 26,492 lbf | 107 kN | 23,983 lbf | 118 kN | 26,577 lbf |
| Bucket Type | GD | | GD | | GD | | GD | |
| Bucket Capacity | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ | 1.43 m ³ | 1.87 yd ³ |
| Bucket Tip Radius | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" | 1574 mm | 5'2" |

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

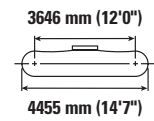
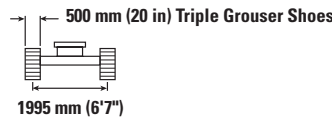
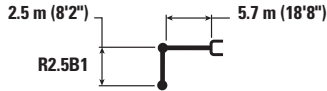
Narrow Undercarriage



| Reach Boom | Unit | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|-------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|------------------|-----------------|------------------|---------------|------------------|-----------------|-------------|
| | | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | mm in | |
| 7500 mm 300 in | kg lb | | | | | | | *4950 *11,950 | *4950 10,850 | | | *4300 *9,500 | *4300 *9,500 | 6150 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | 5050 10,850 | | | *3950 *8,750 | 3700 8,200 | 7290 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6000 *13,050 | 4900 10,550 | *5650 *12,350 | 3500 7,500 | *3900 *8,550 | 3150 6,950 | 7990 320 |
| 3000 mm 120 in | kg lb | | | | | *8750 *18,800 | 7000 15,100 | *6900 *14,900 | 4700 10,050 | *6000 13,050 | 3400 7,300 | *4000 *8,750 | 2900 6,350 | 8360 330 |
| 1500 mm 60 in | kg lb | | | | | *10 600 *22,850 | 6550 14,100 | *7800 *16,900 | 4450 9,600 | 5950 12,800 | 3300 7,050 | *4250 *9,300 | 2800 6,100 | 8450 340 |
| 0 mm 0 in | kg lb | | | *6800 *15,600 | *6800 *15,600 | *11 600 *25,100 | 6250 13,500 | 8100 17,350 | 4300 9,250 | 5850 12,600 | 3200 6,900 | *4650 *10,250 | 2800 6,200 | 8260 330 |
| -1500 mm -60 in | kg lb | *7250 *16,200 | *7250 *16,200 | *11 700 *26,550 | 11 350 24,350 | *11 750 *25,400 | 6200 13,350 | 8000 17,200 | 4200 9,100 | 5800 12,550 | 3200 6,850 | *5500 *12,100 | 3050 6,700 | 7780 310 |
| -3000 mm -120 in | kg lb | *12 400 *27,850 | *12 400 *27,850 | *15 550 *33,700 | 11 500 24,700 | *11 000 *23,750 | 6250 13,450 | 8050 17,300 | 4250 9,150 | | | 6550 14,500 | 3550 7,850 | 6950 280 |
| -4500 mm -180 in | kg lb | | | *12 450 *26,600 | 11 850 25,450 | *8950 *19,050 | 6450 13,900 | | | | | *6750 *14,850 | 4850 10,900 | 5600 220 |

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

Narrow Undercarriage



| Reach Boom | Unit | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|-------|--------------------|------------------|--------------------|----------------|------------------|----------------|-----------------|---------------|------------------|------------------|-------------|
| | | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | mm in |
| 7500 mm 300 in | kg lb | | | | | | | | | *5150 *11,500 | *5150 *11,500 | 5600 220 |
| 6000 mm 240 in | kg lb | | | | | *5900 *12,950 | 5000 10,700 | | | *4750 *10,450 | 4050 9,050 | 6830 270 |
| 4500 mm 180 in | kg lb | | | *7400 *16,000 | 7400 15,900 | *6400 *13,900 | 4850 10,450 | *5250 11,575 | 3450 | *4650 *10,200 | 3400 7,500 | 7570 300 |
| 3000 mm 120 in | kg lb | | | *9350 *20,100 | 6900 14,850 | *7250 *15,650 | 4650 10,000 | 6050 13,000 | 3400 7,250 | *4750 *10,450 | 3100 6,800 | 7960 320 |
| 1500 mm 60 in | kg lb | | | *11 050 *23,800 | 6450 13,950 | *8100 *17,500 | 4450 9,550 | 5950 12,750 | 3300 7,050 | *5050 *11,150 | 3000 6,550 | 8050 320 |
| 0 mm 0 in | kg lb | | | *11 800 *25,500 | 6250 13,500 | 8100 17,350 | 4300 9,250 | 5850 12,600 | 3200 6,950 | 5500 12,100 | 3050 6,650 | 7860 310 |
| -1500 mm -60 in | kg lb | *12 300 *28,050 | 11 500 24,600 | *11 650 *25,200 | 6250 13,400 | 8050 17,250 | 4250 9,150 | | | 6050 13,300 | 3300 7,250 | 7350 290 |
| -3000 mm -120 in | kg lb | *14 600 *31,650 | 11 650 25,050 | *10 600 *22,900 | 6300 13,600 | *7850 *16,800 | 4300 9,300 | | | *7000 *15,450 | 3950 8,750 | 6470 260 |
| -4500 mm -180 in | kg lb | | | *7950 *16,650 | 6550 14,200 | | | | | *6900 *15,050 | 5750 13,000 | 4980 200 |



ISO 10567



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

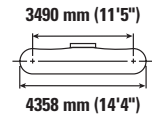
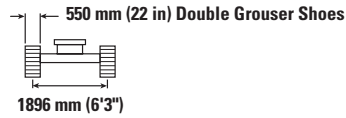
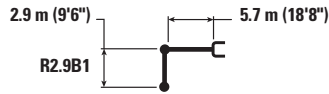
Lift capacity stays with ±5% for all available track shoes.

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

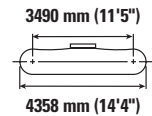
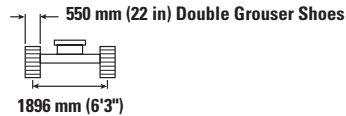
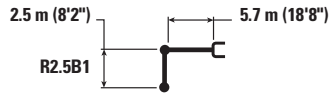
High Drawbar Undercarriage



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|------------------|--------------------|----------------|------------------|----------------|------------------|---------------|------------------|-----------------|-------------|
| | | | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | *5200 *9,500 | 5100 *9,500 | | | *4250 *9,450 | *4250 *9,450 | 6220 240 |
| 6000 mm 240 in | kg lb | | | | | | | *5450 *11,950 | 5100 10,900 | | | *3950 *8,750 | 3700 8,200 | 7330 290 |
| 4500 mm 180 in | kg lb | | | | | | | *6050 *13,100 | 4950 10,600 | *5650 *12,400 | 3500 7,550 | *3900 *8,550 | 3150 7,000 | 8010 320 |
| 3000 mm 120 in | kg lb | | | | | *8850 *19,050 | 7000 15,100 | *6950 *15,000 | 4700 10,150 | 6000 12,900 | 3450 7,350 | *4000 *8,750 | 2900 6,400 | 8370 330 |
| 1500 mm 60 in | kg lb | | | | | *10 650 *23,000 | 6550 14,100 | *7850 *17,000 | 4500 9,650 | 5900 12,650 | 3300 7,150 | *4250 *9,300 | 2800 6,200 | 8440 340 |
| 0 mm 0 in | kg lb | | | *7000 *16,050 | *7000 *16,050 | *11 650 *25,200 | 6300 13,600 | 7950 17,100 | 4350 9,300 | 5800 12,450 | 3250 6,950 | *4700 *10,350 | 2850 6,300 | 8240 330 |
| -1500 mm -60 in | kg lb | *7500 *16,750 | *7500 *16,750 | *12 000 *27,200 | 11 350 24,300 | *11 700 *25,350 | 6250 13,400 | 7900 16,950 | 4250 9,200 | 5750 12,400 | 3200 6,950 | 5500 12,150 | 3100 6,800 | 7750 310 |
| -3000 mm -120 in | kg lb | *12 700 *28,500 | *12 700 *28,500 | *15 450 *33,450 | 11 500 24,700 | *10 900 *23,600 | 6300 13,550 | 7900 17,050 | 4300 9,250 | | | 6550 14,500 | 3650 8,050 | 6900 270 |
| -4500 mm -180 in | kg lb | | | *12 200 *26,100 | 11 800 25,400 | *8800 *18,650 | 6500 14,000 | | | | | *6750 *14,850 | 5000 11,250 | 5510 220 |

Reach Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On

High Drawbar Undercarriage



| | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|------------------|--------------------|----------------|------------------|----------------|----------------|---------------|------------------|------------------|-------------|
| | | | | | | | | | | | | |
| 7500 mm 300 in | kg lb | | | | | | | | | *5150 *11,400 | *5150 *11,400 | 5670 220 |
| 6000 mm 240 in | kg lb | | | | | *5900 *13,000 | 5000 10,750 | | | *4750 *10,450 | 4050 9,000 | 6880 270 |
| 4500 mm 180 in | kg lb | | | *7500 *16,200 | 7400 15,950 | *6400 *13,950 | 4900 10,500 | *5450 | 3500 | *4650 *10,200 | 3400 7,550 | 7600 300 |
| 3000 mm 120 in | kg lb | | | *9450 *20,300 | 6900 14,900 | *7300 *15,750 | 4650 10,050 | 6000 12,850 | 3400 7,300 | *4750 *10,450 | 3100 6,850 | 7970 320 |
| 1500 mm 60 in | kg lb | | | *11 100 *23,950 | 6500 14,000 | 8100 17,450 | 4450 9,600 | 5850 12,650 | 3300 7,150 | *5100 *11,200 | 3000 6,600 | 8050 320 |
| 0 mm 0 in | kg lb | | | *11 800 *25,500 | 6300 13,550 | 7950 17,100 | 4350 9,350 | 5800 12,500 | 3250 7,000 | 5450 12,000 | 3100 6,750 | 7840 310 |
| -1500 mm -60 in | kg lb | *12 700 *28,850 | 11 450 24,600 | *11 600 *25,150 | 6250 13,500 | 7900 17,000 | 4300 9,250 | | | 6000 13,250 | 3350 7,400 | 7320 290 |
| -3000 mm -120 in | kg lb | *14 500 *31,350 | 11 650 25,000 | *10 500 *22,700 | 6350 13,700 | *7750 *16,600 | 4350 9,400 | | | *7000 *15,450 | 4050 8,950 | 6410 250 |
| -4500 mm -180 in | kg lb | | | *7700 *16,100 | 6600 14,300 | | | | | *6850 *15,200 | 5950 13,650 | 4890 190 |



ISO 10567



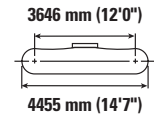
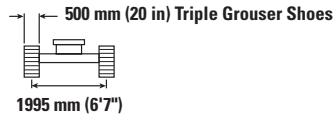
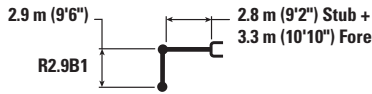
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On Narrow Undercarriage



| Diagram | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | Diagram | | mm in | |
|---------------------|---------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|-----------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | |
| 9000 mm 360 in | | | | | *4650 *10,650 | *4650 *10,650 | | | | | *4700 *10,650 | *4700 *10,650 | 4880 190 | |
| 7500 mm 300 in | | | | | *6450 *14,100 | *6450 *14,100 | *3900 *8,550 | *3900 *8,550 | | | *3950 *8,700 | *3950 *8,700 | 6620 260 | |
| 6000 mm 240 in | | | | | *6600 *14,500 | *6600 *14,500 | *4700 *8,050 | *4700 *8,050 | *3700 *8,100 | 3400 7,250 | *3650 *8,000 | *3650 *8,000 | 7690 300 | |
| 4500 mm 180 in | | | *10 450 *22,700 | *10 450 *22,700 | *6600 *14,250 | *6600 *14,250 | *4650 *9,750 | *4650 *9,750 | *3600 *7,950 | 3350 7,150 | *3550 *7,750 | *3550 *7,750 | 8350 330 | |
| 3000 mm 120 in | | *17,850 | *17,850 | *9950 *21,450 | *9950 *21,450 | *6350 *13,800 | *6350 *13,800 | *3800 *8,250 | *3800 *8,250 | *3900 *8,400 | 3200 6,900 | *3600 *7,850 | 2500 5,550 | 8710 350 |
| 1500 mm 60 in | | | | *5750 *12,950 | *5750 *12,950 | *5550 *12,000 | *5550 *12,000 | *4300 *9,300 | 4150 8,950 | *4400 *9,200 | 3050 6,550 | *3750 *8,200 | 2400 5,300 | 8790 350 |
| 0 mm 0 in | | *6450 *14,000 | *6450 *14,000 | *5250 *11,450 | *5250 *11,450 | *7350 *15,850 | 5800 12,500 | *5150 *11,100 | 3950 8,550 | *5000 *10,700 | 2950 6,350 | *4050 *8,950 | 2450 5,400 | 8610 340 |
| -1500 mm -60 in | | *8200 *18,250 | *8200 *18,250 | *8450 *19,250 | *8450 *19,250 | *8400 *18,250 | 5750 12,350 | *6500 *14,050 | 3900 8,400 | *4850 *10,350 | 2900 6,300 | *3950 *8,700 | 2650 5,800 | 8160 320 |
| -3000 mm -120 in | | *13 200 *29,550 | *13 200 *29,550 | *9000 *19,450 | *9000 *19,450 | *6300 *13,500 | 5850 12,550 | *4950 *10,500 | 3950 8,500 | | | *3300 *7,250 | 3100 6,850 | 7340 290 |
| -4500 mm -180 in | | *20 700 *45,100 | *20 700 *45,100 | *9300 *20,000 | *9300 *20,000 | *5850 *12,700 | *5850 *12,700 | | | | | *4850 *11,000 | 4850 *11,000 | 5350 210 |



ISO 10567



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

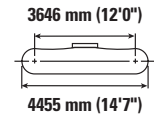
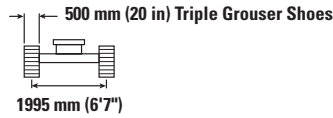
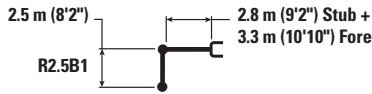
VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On Narrow Undercarriage



| | | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|-----------------|------------------|---------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | kg | lb |
| 9000 mm 360 in | kg lb | | | | | | | | | | | *5950 *13,550 | *5950 *13,550 | 4110 150 |
| 7500 mm 300 in | kg lb | | | | | *6850 *14,750 | *6850 *14,750 | *4800 *4800 | *4800 *4800 | | | *4750 *10,550 | *4750 *10,550 | 6080 240 |
| 6000 mm 240 in | kg lb | | | | | *6750 *14,550 | *6750 *14,550 | *4300 *9,400 | *4300 *9,400 | | | *4350 *9,600 | 3550 7,950 | 7230 290 |
| 4500 mm 180 in | kg lb | | | *10 350 *22,550 | *10 350 *22,550 | *6550 *14,150 | *6550 *14,150 | *4200 *9,600 | *4200 *9,600 | *4350 *9,450 | 3300 7,050 | *4250 *9,300 | 3000 6,600 | 7930 310 |
| 3000 mm 120 in | kg lb | | | *9400 *21,200 | *9400 *21,200 | *5900 *12,700 | *5900 *12,700 | *4050 *8,800 | *4050 *8,800 | *4550 *10,100 | 3200 6,850 | *4300 *9,400 | 2700 5,950 | 8300 330 |
| 1500 mm 60 in | kg lb | | | *6450 *13,750 | *6450 *13,750 | *6050 *13,000 | 6000 12,950 | *4600 *10,000 | 4150 8,900 | *5050 *11,000 | 3050 6,550 | *4500 *9,900 | 2600 5,700 | 8390 330 |
| 0 mm 0 in | kg lb | *9200 *20,050 | *9200 *20,050 | *6000 *13,350 | *6000 *13,350 | *8100 *17,300 | 5800 12,500 | *5550 *12,000 | 4000 8,550 | *5500 *11,800 | 2950 6,400 | *4650 *10,200 | 2650 5,800 | 8210 330 |
| -1500 mm -60 in | kg lb | *10 350 *22,850 | *10 350 *22,850 | *9050 *19,300 | *9050 *19,300 | *7850 *17,050 | 5800 12,500 | *6200 *13,400 | 3950 8,500 | *4450 *9,300 | 3000 6,400 | *4050 *8,900 | 2900 6,350 | 7720 310 |
| -3000 mm -120 in | kg lb | *16 200 *36,300 | *16 200 *36,300 | *9150 *19,800 | *9150 *19,800 | *5750 *12,350 | *5750 *12,350 | *4350 *9,100 | 4000 8,700 | | | *3650 *8,100 | 3500 7,750 | 6780 270 |
| -4500 mm -180 in | kg lb | *21 250 *46,800 | *21 250 *46,800 | *9550 *20,600 | *9550 *20,600 | | | | | | | *6600 *15,800 | *6600 *15,800 | 4150 160 |



ISO 10567



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

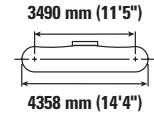
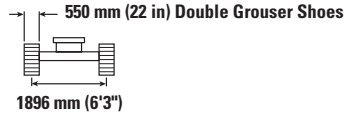
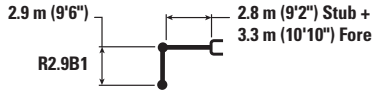
VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On High Drawbar Undercarriage



| Boom Length mm in | kg lb | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | mm in | | |
|-------------------------|----------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|-----------------|------------------|---------------|------------------|------------------|-------------|
| | | | | | | | | | | | | | | |
| 9000 mm 360 in | kg lb | | | | | *4650 *10,450 | *4650 *10,450 | | | | | *4650 *10,500 | *4650 *10,500 | 4990 190 |
| 7500 mm 300 in | kg lb | | | | | *6450 *14,150 | *6450 *14,150 | *3900 *8,550 | *3900 *8,550 | | | *3900 *8,650 | *3900 *8,650 | 6680 260 |
| 6000 mm 240 in | kg lb | | | | | *6650 *14,600 | *6650 *14,600 | *4700 *8,700 | *4700 *8,700 | *3650 *8,050 | 3450 7,300 | *3600 *8,000 | 3250 7,200 | 7730 310 |
| 4500 mm 180 in | kg lb | | | *10 450 *22,700 | *10 450 *22,700 | *6550 *14,250 | *6550 *14,250 | *4600 *9,700 | *4600 *9,700 | *3650 *8,000 | 3350 7,200 | *3550 *7,750 | 2800 6,150 | 8370 330 |
| 3000 mm 120 in | kg lb | | | *9950 *21,450 | *9950 *21,450 | *6350 *13,700 | *6350 *13,700 | *3800 *8,300 | *3800 *8,300 | *3850 *8,300 | 3250 6,950 | *3600 *7,850 | 2550 5,600 | 8720 350 |
| 1500 mm 60 in | kg lb | | | *5750 *12,550 | *5750 *12,550 | *5650 *12,150 | *5650 *12,150 | *4350 *9,400 | 4200 9,000 | *4400 *9,600 | 3100 6,600 | *3750 *8,250 | 2450 5,400 | 8790 350 |
| 0 mm 0 in | kg lb | *6400 *13,850 | *6400 *13,850 | *5150 *11,500 | *5150 *11,500 | *7500 *16,050 | 5800 12,550 | *5200 *11,200 | 4000 8,600 | *5050 *10,850 | 3000 6,400 | *4100 *9,000 | 2500 5,450 | 8600 340 |
| -1500 mm -60 in | kg lb | *8400 *18,550 | *8400 *18,550 | *8700 *19,800 | *8700 *19,800 | *8350 *18,050 | 5750 12,400 | *6450 *13,950 | 3950 8,450 | *4800 *10,200 | 2950 6,350 | *3950 *8,600 | 2700 5,900 | 8130 320 |
| -3000 mm -120 in | kg lb | *13 500 *30,250 | *13 500 *30,250 | *8950 *19,400 | *8950 *19,400 | *6150 *13,250 | 5850 12,650 | *4850 *10,250 | 4000 8,600 | | | *3350 *7,350 | 3150 7,000 | 7270 290 |
| -4500 mm -180 in | kg lb | *20 750 *45,100 | *20 750 *45,100 | *9300 *20,200 | *9300 *20,200 | *5850 *12,700 | *5850 *12,700 | | | | | *5000 *11,550 | *5000 *11,550 | 5210 200 |



ISO 10567



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

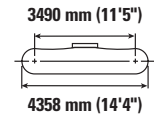
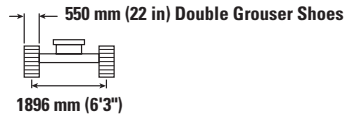
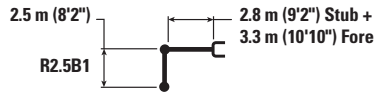
VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.55 mt (10,031 lb) – without Bucket, Heavy Lift: On High Drawbar Undercarriage



| Diagram | 1500 mm/60 in | | 3000 mm/120 in | | 4500 mm/180 in | | 6000 mm/240 in | | 7500 mm/300 in | | Diagram | | mm in | |
|---------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|-----------------|------------------|---------------|----------|------------------|------------------|-------------|
| | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | kg lb | | |
| 9000 mm 360 in | | | | | | | | | | | | *5800 *13,250 | *5800 *13,250 | 4240 160 |
| 7500 mm 300 in | | | | | *6800 *14,700 | *6800 *14,700 | *4750 *4750 | | | | | *4700 *10,500 | 4700 *10,500 | 6150 240 |
| 6000 mm 240 in | | | *7400 *16,150 | *7400 *16,150 | *6750 *14,500 | *6750 *14,500 | *4300 *9,400 | *4300 *9,400 | | | | *4350 *9,550 | 3550 7,900 | 7270 290 |
| 4500 mm 180 in | | | *10 300 *22,350 | *10 300 *22,350 | *6500 *14,100 | *6500 *14,100 | *4150 *9,550 | *4150 *9,550 | *4300 *9,400 | 3350 7,100 | | *4250 *9,300 | 3000 6,650 | 7950 320 |
| 3000 mm 120 in | | | *8750 *20,550 | *8750 *20,550 | *5750 *12,600 | *5750 *12,600 | *4050 *8,850 | *4050 *8,850 | *4500 *10,050 | 3200 6,900 | | *4300 *9,450 | 2750 6,000 | 8310 330 |
| 1500 mm 60 in | | | *6200 *13,900 | *6200 *13,900 | *6100 *13,150 | 6000 13,000 | *4650 *10,050 | 4150 8,950 | *5050 *11,050 | 3100 6,650 | | *4500 *9,950 | 2650 5,800 | 8390 330 |
| 0 mm 0 in | *9200 *20,000 | *9200 *20,000 | *6050 *13,450 | *6050 *13,450 | *8200 *17,600 | 5850 12,550 | *5600 *12,100 | 4000 8,650 | *5450 *11,750 | 3000 6,450 | | *4600 *10,150 | 2700 5,900 | 8190 330 |
| -1500 mm -60 in | *10 600 *23,400 | *10 600 *23,400 | *8950 *19,400 | *8950 *19,400 | *7750 *16,850 | 5850 12,550 | *6150 *13,250 | 3950 8,550 | *4350 *9,050 | 3000 6,500 | | *4050 *8,800 | 2950 6,450 | 7690 310 |
| -3000 mm -120 in | *16 600 *37,200 | *16 600 *37,200 | *9100 *19,750 | *9100 *19,750 | *5750 *12,400 | *5750 *12,400 | *4200 *9,050 | 4050 8,800 | | | | *3750 *8,300 | 3600 7,950 | 6700 270 |
| -4500 mm -180 in | | | *9550 *20,850 | *9550 *20,850 | | | | | | | | *7350 *18,300 | *7350 *18,300 | 3820 140 |



ISO 10567



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

VA cylinder is flexible.

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

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

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

| | Linkage | Width | | Capacity | | Weight | | Fill | Narrow Undercarriage | | | | High Drawbar Undercarriage | | | | |
|---|---------|-------|----|----------------|-----------------|--------|-------|------|----------------------|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------|----------------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 4.55 mt (10,031 lb) Counterweight | | | | | | | |
| | | | | | | | | | | Reach Boom | | VA Boom | | Reach Boom | | VA Boom | |
| | | | | | | | | | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | |
| Pin-On (No Quick Coupler) | | | | | | | | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ⊖ | ⊖ | ○ | ◇ | ⊖ | ⊖ | ○ | ◇ | |
| General Duty | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ● | ● | ⊙ | ⊖ | ● | ● | ⊙ | ⊖ | |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ⊙ | ⊖ | ○ | ○ | ⊙ | ⊖ | ○ | ○ | |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ● | ⊙ | ⊖ | ○ | ● | ⊙ | ⊖ | ○ | |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ⊙ | ⊖ | ○ | ◇ | ⊙ | ⊖ | ○ | ○ | |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ○ | ○ | ◇ | |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ● | ⊙ | ⊖ | ○ | ● | ● | ⊖ | ⊖ | |
| | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ⊙ | ⊖ | ○ | ◇ | ⊙ | ⊖ | ○ | ○ | |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ⊙ | ⊖ | ○ | ◇ | ⊙ | ⊖ | ○ | ○ | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ○ | ◇ | ◇ | |
| Maximum load with pin-in (payload + bucket) | | | | | | | | | kg | 2960 | 2730 | 2415 | 2225 | 3035 | 2800 | 2485 | 2290 |
| | | | | | | | | | lb | 6,526 | 6,019 | 5,324 | 4,905 | 6,691 | 6,173 | 5,478 | 5,049 |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

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

(continued on next page)

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | Narrow Undercarriage | | | | High Drawbar Undercarriage | | | | |
|--|---------|-------|----|----------------|-----------------|--------|-------|------|----------------------|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------|----------------|-------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 4.55 mt (10,031 lb) Counterweight | | | | | | | |
| | | | | | | | | | | Reach Boom | | VA Boom | | Reach Boom | | VA Boom | |
| | | | | | | | | | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | |
| With Cat Pin Grabber Coupler | | | | | | | | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 555 | 1,223 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 750 | 30 | 0.64 | 0.84 | 626 | 1,380 | 100 | ● | ● | ● | ⊙ | ● | ● | ● | ⊙ | |
| | B | 1300 | 51 | 1.30 | 1.70 | 835 | 1,841 | 100 | ○ | ◇ | ◇ | X | ○ | ○ | ◇ | X | |
| | B | 1400 | 55 | 1.43 | 1.87 | 879 | 1,937 | 100 | ○ | ◇ | X | X | ○ | ◇ | X | X | |
| General Duty | B | 600 | 24 | 0.46 | 0.60 | 550 | 1,212 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 750 | 30 | 0.64 | 0.84 | 621 | 1,368 | 100 | ● | ● | ● | ⊙ | ● | ● | ● | ⊙ | |
| | B | 1000 | 39 | 0.93 | 1.22 | 717 | 1,580 | 100 | ⊙ | ⊙ | ○ | ○ | ● | ⊙ | ⊖ | ○ | |
| | B | 1200 | 48 | 1.19 | 1.56 | 807 | 1,778 | 100 | ⊖ | ○ | ◇ | X | ⊖ | ○ | ◇ | ◇ | |
| | B | 1400 | 55 | 1.43 | 1.87 | 874 | 1,926 | 100 | ○ | ◇ | X | X | ○ | ◇ | X | X | |
| | B | 1500 | 60 | 1.58 | 2.06 | 914 | 2,014 | 100 | ◇ | ◇ | X | X | ◇ | ◇ | X | X | |
| Heavy Duty | B | 1050 | 42 | 1.00 | 1.31 | 892 | 1,967 | 100 | ⊖ | ○ | ◇ | ◇ | ⊙ | ⊖ | ○ | ◇ | |
| | B | 1200 | 48 | 1.19 | 1.56 | 917 | 2,022 | 100 | ○ | ○ | ◇ | X | ○ | ○ | ◇ | X | |
| | B | 1300 | 52 | 1.30 | 1.70 | 974 | 2,148 | 100 | ○ | ◇ | X | X | ○ | ◇ | X | X | |
| Severe Duty | B | 1050 | 42 | 1.00 | 1.31 | 948 | 2,091 | 90 | ⊙ | ⊖ | ○ | ◇ | ⊙ | ⊖ | ○ | ◇ | |
| | B | 1200 | 48 | 1.20 | 1.57 | 1011 | 2,229 | 90 | ○ | ○ | ◇ | X | ⊖ | ○ | ◇ | X | |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 869 | 1,916 | 100 | ○ | ○ | ◇ | X | ⊖ | ○ | ◇ | X | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1096 | 2,417 | 100 | ○ | ◇ | X | X | ○ | ◇ | X | X | |
| Maximum load with coupler (payload + bucket) | | | | | | | | | kg | 2538 | 2308 | 1993 | 1803 | 2613 | 2378 | 2063 | 1868 |
| | | | | | | | | | lb | 5,596 | 5,089 | 4,395 | 3,976 | 5,761 | 5,243 | 4,549 | 4,119 |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

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

(continued on next page)

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

| | Linkage | Width | | Capacity | | Weight | | Fill | Narrow Undercarriage | | | | High Drawbar Undercarriage | | | | |
|--|---------|-------|----|----------------|-----------------|--------|-------|------|----------------------|-----------------------------------|----------------|----------------|----------------------------|----------------|----------------|----------------|----------------|
| | | mm | in | m ³ | yd ³ | kg | lb | | % | 4.55 mt (10,031 lb) Counterweight | | | | | | | |
| | | | | | | | | | | Reach Boom | | VA Boom | | Reach Boom | | VA Boom | |
| | | | | | | | | | | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") | R2.5 (8'2") | R2.9 (9'6") |
| With CW-40 Quick Coupler | | | | | | | | | | | | | | | | | |
| General Duty | B | 900 | 36 | 0.81 | 1.06 | 664 | 1,463 | 100 | ● | ● | ⊙ | ⊖ | ● | ● | ⊙ | ⊖ | |
| | B | 1050 | 42 | 1.00 | 1.31 | 711 | 1,567 | 100 | ● | ⊙ | ⊖ | ○ | ● | ⊙ | ⊖ | ○ | |
| | B | 1200 | 48 | 1.19 | 1.56 | 781 | 1,721 | 100 | ⊖ | ⊖ | ○ | ◇ | ⊖ | ⊖ | ○ | ◇ | |
| | B | 1300 | 51 | 1.30 | 1.70 | 813 | 1,791 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ○ | ◇ | ◇ | |
| | B | 1400 | 55 | 1.43 | 1.87 | 863 | 1,903 | 100 | ○ | ◇ | ◇ | X | ○ | ○ | ◇ | X | |
| General Duty with Leveling Edge | B | 650 | 26 | 0.70 | 0.92 | 567 | 1,249 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 800 | 31 | 0.68 | 0.89 | 614 | 1,353 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 1200 | 47 | 1.19 | 1.56 | 787 | 1,734 | 100 | ⊖ | ○ | ○ | ◇ | ⊖ | ⊖ | ○ | ◇ | |
| | B | 1400 | 55 | 1.43 | 1.87 | 855 | 1,884 | 100 | ○ | ◇ | ◇ | X | ○ | ○ | ◇ | X | |
| | B | 1500 | 60 | 1.58 | 2.06 | 895 | 1,972 | 100 | ○ | ◇ | X | X | ○ | ◇ | X | X | |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 618 | 1,363 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 1200 | 48 | 1.19 | 1.56 | 886 | 1,953 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ○ | ◇ | ◇ | |
| Ditch Cleaning | B | 2100 | 83 | 1.29 | 1.69 | 792 | 1,746 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ○ | ◇ | ◇ | |
| | B | 2100 | 83 | 1.46 | 1.91 | 809 | 1,784 | 100 | ○ | ○ | ◇ | X | ○ | ○ | ◇ | X | |
| | B | 1800 | 72 | 1.50 | 1.96 | 775 | 1,709 | 100 | ○ | ◇ | ◇ | X | ○ | ○ | ◇ | X | |
| | B | 1800 | 72 | 1.50 | 1.96 | 737 | 1,624 | 100 | ○ | ○ | ◇ | X | ○ | ○ | ◇ | ◇ | |
| | B | 2100 | 83 | 1.76 | 2.31 | 864 | 1,905 | 100 | ◇ | ◇ | X | X | ◇ | ◇ | X | X | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1161 | 2,560 | 100 | ○ | ◇ | X | X | ○ | ◇ | ◇ | X | |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 2710 | 2480 | 2165 | 1975 | 2785 | 2550 | 2235 | 2040 | |
| | | | | | | | | lb | 5,975 | 5,467 | 4,773 | 4,354 | 6,140 | 5,622 | 4,927 | 4,497 | |
| With CW-40S Quick Coupler | | | | | | | | | | | | | | | | | |
| General Duty | B | 600 | 24 | 0.46 | 0.61 | 508 | 1,119 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 750 | 30 | 0.64 | 0.84 | 592 | 1,305 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 900 | 36 | 0.81 | 1.06 | 661 | 1,457 | 100 | ● | ● | ⊙ | ⊖ | ● | ● | ⊙ | ⊙ | |
| | B | 1300 | 51 | 1.30 | 1.70 | 810 | 1,785 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ○ | ◇ | ◇ | |
| | B | 1400 | 55 | 1.43 | 1.87 | 845 | 1,862 | 100 | ○ | ○ | ◇ | X | ○ | ○ | ◇ | X | |
| Heavy Duty | B | 600 | 24 | 0.46 | 0.61 | 585 | 1,289 | 100 | ● | ● | ● | ● | ● | ● | ● | ● | |
| | B | 1200 | 48 | 1.19 | 1.56 | 875 | 1,928 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ⊖ | ○ | ◇ | |
| Ditch Cleaning | B | 2000 | 78 | 1.22 | 1.60 | 815 | 1,797 | 100 | ⊖ | ○ | ◇ | ◇ | ⊖ | ⊖ | ○ | ◇ | |
| | B | 2200 | 87 | 1.36 | 1.78 | 880 | 1,940 | 100 | ○ | ○ | ◇ | X | ○ | ○ | ◇ | ◇ | |
| Ditch Cleaning Tilt | B | 2000 | 79 | 1.23 | 1.61 | 1142 | 2,518 | 100 | ○ | ◇ | X | X | ○ | ○ | ◇ | X | |
| Maximum load with coupler (payload + bucket) | | | | | | | | kg | 2728 | 2502 | 2186 | 1996 | 2807 | 2577 | 2256 | 2063 | |
| | | | | | | | | lb | 6,014 | 5,516 | 4,819 | 4,401 | 6,188 | 5,681 | 4,973 | 4,548 | |

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

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

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

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.

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Attachments Offering Guide

PIN-ON ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------------|--------------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓ | ✓ | ✓ | ✓ |
| | H120E S | ✓ | ✓ | ✓ | ✓ |
| | H130E S | ✓ | ✓† | ✓ | ✓† |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓ | ✓ |
| | MP318 D Jaw | ✓ | ✓ | ✓ | ✓ |
| | MP318 P Jaw | ✓ | ✓ | ✓ | ✓* |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓ |
| | MP318 U Jaw | ✓ | ✓ | ✓ | ✓ |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓ |
| Mobile Scrap and Demolition Shears | S3025 | ✓ | ✓ | ✓* | ✓* |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓ | ✓ |
| Orange Peel Grapples | | ✓ | ✓ | ✓ | ✓ |
| TRS18 | | ✓ | ✓ | ✓ | ✓ |
| Rippers | | ✓ | ✓ | ✓ | ✓ |
| Cat Pin Grabber Couplers | | ✓ | ✓ | ✓ | ✓ |
| CW Dedicated Couplers | | ✓ | ✓ | ✓ | ✓ |

CAT PIN GRABBER COUPLER ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------------|--------------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓† | ✓† | ✓† | ✓† |
| | H120E S | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓†* |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓* | | |
| | MP318 D Jaw | ✓ | ✓* | | |
| | MP318 P Jaw | ✓* | | | |
| | MP318 S Jaw | ✓ | ✓ | ✓* | |
| | MP318 U Jaw | ✓ | ✓* | | |
| Demolition and Sorting Grapples | G315B | ✓ | ✓* | | |
| Mobile Scrap and Demolition Shears | S3025 | ✓* | | | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓* |
| Crushers | P315 | ✓ | ✓* | | |
| Rippers | | ✓ | ✓ | ✓ | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

*Working range front only

†Allowed usage on machine less than 50%

(continued on next page)

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Attachments Offering Guide *(continued)*

CW-40S COUPLER ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------------|--------------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓† | ✓† | ✓† | ✓† |
| | H120E S | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓† |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓* | |
| | MP318 D Jaw | ✓ | ✓ | ✓* | |
| | MP318 P Jaw | ✓ | ✓* | | |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓* |
| | MP318 U Jaw | ✓ | ✓ | ✓* | |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 | ✓* | ✓* | | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓* | |
| Rippers | | ✓ | ✓ | ✓ | ✓ |

CW-40 COUPLER ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------------|--------------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓† | ✓† | ✓† | ✓† |
| | H120E S | ✓† | ✓† | ✓† | ✓† |
| | H130E S | ✓† | ✓† | ✓† | ✓†* |
| Multi-Processors | MP318 CC Jaw | ✓ | ✓ | ✓* | |
| | MP318 D Jaw | ✓ | ✓ | ✓* | |
| | MP318 P Jaw | ✓ | ✓* | | |
| | MP318 S Jaw | ✓ | ✓ | ✓ | ✓* |
| | MP318 U Jaw | ✓ | ✓ | ✓* | |
| Demolition and Sorting Grapples | G315B | ✓ | ✓ | ✓ | ✓* |
| Mobile Scrap and Demolition Shears | S3025 | ✓* | | | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |
| Pulverizers | P215 | ✓ | ✓ | ✓ | ✓ |
| Crushers | P315 | ✓ | ✓ | ✓* | |
| Rippers | | ✓ | ✓ | ✓ | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

*Working range front only

†Allowed usage on machine less than 50%

(continued on next page)

323 Narrow, High Drawbar Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

TRS18 WITH CW-30S ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------|-----------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓ † | ✓ †* | | |
| | H120E S | ✓ † | ✓ † | ✓ †* | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |

TRS18 WITH CW-30 ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------|-----------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120 GC S | ✓ † | ✓ †* | | |
| | H120E S | ✓ † | ✓ † | ✓ †* | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |

TRS18 WITH S70 ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------|---------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Hydraulic Hammers | H120E S | ✓ † | ✓ † | ✓ †* | |
| Compactors (Vibratory Plate) | CVP110 | ✓ | ✓ | ✓ | ✓ |

BOOM-MOUNT ATTACHMENTS

| Undercarriage | | Narrow and High Drawbar | | | |
|------------------------------------|-------|-------------------------|--------------|--------------|--------------|
| Counterweight | | 4.55 mt (10,031 lb) | | | |
| Boom Type | | Reach Boom | | VA Boom | |
| Stick Length | | 2.5 m (8'2") | 2.9 m (9'6") | 2.5 m (8'2") | 2.9 m (9'6") |
| Mobile Scrap and Demolition Shears | S2050 | | ✓ | | ✓* |
| | S3035 | | ✓ | | ✓ |

Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

*Working range front only

†Allowed usage on machine less than 50%

323 Narrow, High Drawbar Standard and Optional Equipment

Standard and Optional Equipment

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

| | Standard | Optional | | Standard | Optional |
|---|----------|----------|---|----------|----------|
| ENGINE | | | UNDERCARRIAGE AND STRUCTURES | | |
| Three selectable modes | ✓ | | Tie-down points on base frame (ISO 15818 compliant) | ✓ | |
| Automatic engine speed control | ✓ | | Track guiding guard, segmented two pieces | ✓ | |
| Automatic engine idle shutdown | ✓ | | Full-length track guiding guard for Narrow undercarriage | | ✓ |
| 4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft) | ✓ | | HD bottom guard | ✓ | |
| 52° C (125° F) high-ambient cooling capacity with derate | ✓ | | Swivel guard | ✓ | |
| -18° C (0° F) cold start capability | ✓ | | Narrow undercarriage with base frame, rollers, final drive | ✓ | |
| -32° C (-25° F) cold start capability | | ✓ | High Drawbar undercarriage with base frame, rollers, final drive | | ✓ |
| 145 Amp alternator | ✓ | | Grease lubricated track | ✓ | |
| Electric fuel priming pump | ✓ | | 4.55 mt (10,031 lb) counterweight | ✓ | |
| Reversible electric cooling fans | ✓ | | 500 mm (20 in) triple grouser track shoes for Narrow undercarriage | ✓ | |
| Two-stage fuel filtration system with water separator and indicator | ✓ | | 550 mm (22 in) double grouser track shoes for High Drawbar undercarriage | | ✓ |
| Sealed double element air filter with integrated precleaner | ✓ | | BOOMS, STICKS AND LINKAGES | | |
| Biodiesel capable up to B20 | ✓ | | 5.7 m (18'8") Reach boom | ✓ | |
| HYDRAULIC SYSTEM | | | Variable Angle boom (2.7 m/8'10" stub + 3.3 m/10'10" fore) | | ✓ |
| Electronic main control valve | ✓ | | 2.5 m (8'2") Reach stick, B1 linkage | | ✓ |
| Heavy lift mode | ✓ | | 2.9 m (9'6") Reach stick, B1 linkage | ✓ | |
| Electric boom regeneration circuit | ✓ | | ELECTRICAL SYSTEM | | |
| Stick regeneration circuit | ✓ | | Maintenance free battery | ✓ | |
| Automatic hydraulic oil warm up | ✓ | | Programmable time-delay LED working lights | ✓ | |
| Automatic two-speed travel | ✓ | | LED chassis light, left-hand/right-hand boom lights, cab lights | ✓ | |
| Boom and stick drift reduction valve | ✓ | | Centralized electrical disconnect switch | ✓ | |
| Medium-pressure circuit | ✓ | | Programmable time delay LED working lights: one chassis mounted, one left-hand boom mounted | ✓ | |
| Quick coupler circuit | ✓ | | | | |
| Tandem type electronic main pump | ✓ | | | | |
| Element type main hydraulic filter | ✓ | | | | |
| Common quick coupler circuit for Cat Pin Grabber and CW Dedicated | | ✓ | | | |

(continued on next page)

323 Narrow, High Drawbar 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 |
|-------------------------------------|----------|----------|--|----------|----------|
| CAT TECHNOLOGY | | | SERVICE AND MAINTENANCE | | |
| Cat Product Link™ | ✓ | | Side entry to service platform | ✓ | |
| Work tool recognition | ✓ | | Grouped location for engine oil and fuel filters | ✓ | |
| Work tool tracking* | ✓ | | Ground-level 2nd dipstick for engine oil | ✓ | |
| Laser catcher | | ✓ | Sampling ports for Scheduled Oil Sampling (S·O·S SM) | ✓ | |
| Cat GRADE with 2D and offset memory | ✓ | | Remote flash | ✓ | |
| Cat GRADE with Advanced 2D | | ✓ | SAFETY AND SECURITY | | |
| Cat GRADE with 3D connectivity: | | ✓ | Rear and right-hand-sideview cameras | ✓ | |
| – Virtual Reference Station** | | | 360° visibility | | ✓ |
| – Internet Base Service Station** | | | Cab mirror for right-hand side track edge | | ✓ |
| – Trimble Connected Community** | | | Right-hand handrail and hand hold (ISO 2867 compliant) | ✓ | |
| Cat Assist: | ✓ | | Signaling/warning horn | ✓ | |
| – Grade Assist | | | Service platform with anti-skid plate and countersunk bolts | ✓ | |
| – Boom Assist | | | Hydraulic lock out lever neutralizes all controls | ✓ | |
| – Bucket Assist | | | Ground-level engine shutoff switch | ✓ | |
| – Swing Assist | | | | | |
| – Lift Assist | | | | | |
| Cat PAYLOAD: | ✓ | | | | |
| – Static weigh | | | | | |
| – Semiautomatic calibration | | | | | |
| – Payload/cycle information | | | | | |
| – USB reporting capability | | | | | |
| 2D E-Fence: | ✓ | | | | |
| – E-ceiling | | | | | |
| – E-floor | | | | | |
| – E-swing | | | | | |
| – E-wall | | | | | |
| – E-cab avoidance | | | | | |
| Auto hammer stop | ✓ | | | | |
| Remote Services capability | ✓ | | | | |

*Paired with PL161 attachment locator.

**Subscription required.

323 Narrow, High Drawbar Attachments

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Right-hand electrical pedal (two-way) for tool control
- Radial lower wiper windshield (for comfort and deluxe cab only)
- Dual exit rear window kit (Canadian regulation)
- Rain protector plus cab light cover
- Polycarbonate roof hatch (for comfort cab only)
- Front windshield laminated glass (P5A glass, EU demolition regulation)

SAFETY AND SECURITY

- 75 mm (3") retractable seat belt

GUARDS

- HD swivel guard
- Side rubber bumper guard
- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front

ELECTRICAL

- Jump start wiring

323 Narrow, High Drawbar Cab Options

Cab Options

| | Deluxe | Premium |
|--|--------|---------|
| ROPS, standard sound suppression | ● | X |
| ROPS, advanced sound suppression | X | ● |
| High-resolution 254 mm (10 in) LCD touchscreen monitor | ● | ● |
| Automatic bi-level air conditioner | ● | ● |
| Jog dial and shortcut keys for monitor control | ● | ● |
| Keyless push-to-start engine control | ● | ● |
| Heated seat with air-adjustable suspension | ● | X |
| Heated and cooled seat with automatic adjustable suspension | X | ● |
| Height-adjustable console, infinite with no tool | ● | ● |
| Tilt-up left-side console | ● | ● |
| 51 mm (2 in) orange seat belt | ● | ● |
| Bluetooth integrated radio with USB, auxiliary port and microphone | ● | ● |
| 12V DC outlets | ● | ● |
| Document storage | ● | ● |
| Rear head storage net and lunchbox storage net | ● | ● |
| Cup and bottle holders | ● | ● |
| One-piece windshield (with fixed glass skylight) | X | ○ |
| Openable two-piece front window | ● | ○ |
| Upper radial wiper with washer | ● | X |
| Parallel wiper with washer | X | ● |
| Openable polycarbonate skylight hatch | ● | ○ |
| Fixed glass skylight (with one piece windshield) | X | ○ |
| LED dome light | ● | ● |
| Floor welcome light | ● | ● |
| Roller front sunscreen | ● | ● |
| Roller rear sunscreen | ○ | ● |
| Rear window emergency exit | ● | ● |
| Washable floor mat | ● | ● |
| Beacon ready | ● | ● |

● Standard

○ Optional

X Not available

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

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323 Build Number: 07C
323 Narrow, High Drawbar
Build Number: 07A
(Europe)

