

318C L 318C LN

Hydraulic Excavator

CAT[®]



Engine

Engine Model	Cat [®] 3066T	
Flywheel Power	93 kW	125 hp
Gross Power	97 kW	130 hp

Weights

Operating Weight – Long Undercarriage	19 650 kg	43,320 lb
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- 318C L – one-piece boom, 3200 mm (10'6") stick, 770 mm (30") bucket, 0.54 m³ (0.71 yd³) bucket capacity, and 600 mm (24") shoes.

Operating Weight – Long Narrow Undercarriage	19 350 kg	42,660 lb
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- 318C LN – one-piece boom, 3200 mm (10'6") stick, 770 mm (30") bucket, 0.54 m³ (0.71 yd³) bucket capacity, and 500 mm (20") shoes.

318C L/318C LN Hydraulic Excavator

Improved performance and rugged durability combine to maximize productivity.

Engine

- ✓ The new Cat 3066T engine delivers outstanding performance, high power and reliability. This compact engine provides lower sound and vibration levels as part of the basic engine design. **pg. 4**

Front Linkage

Front linkage variations allow the use of one boom, three sticks and five bucket sizes for maximum productivity on a wide range of jobs. **pg. 5**

Hydraulics

The open-center, two-pump hydraulic system provides high efficiency and reliability. The machine's pump flow control ensures smooth control, reduces sound levels and extends component life. **pg. 6**

Complete Customer Support

Your Cat dealer offers a wide range of services that can be set up under a customer support agreement when you purchase your equipment. The dealer will help you choose a plan that can cover everything from machine configuration to eventual replacement. **pg. 11**

Increased horsepower, better controllability, extended service intervals and a redesigned operator station increase your productivity and lower your operating costs.



Undercarriage

Rugged Cat undercarriage design and proven structural manufacturing techniques ensure outstanding durability in the toughest conditions. **pg. 8**

Operator Station

- ✓ The redesigned operator station maximizes operator comfort and visibility. To increase productivity, all controls, gauges, and pedals are positioned within easy reach of the operator. **pg. 9**

Serviceability

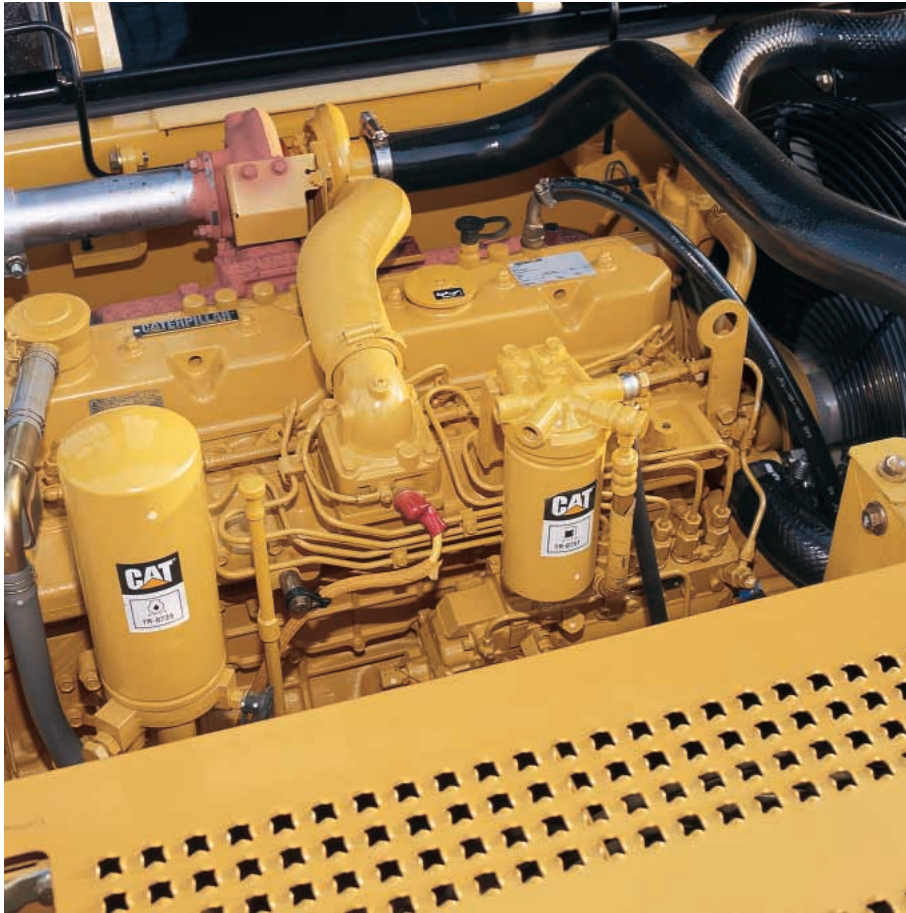
Longer service intervals and easier maintenance result in better machine availability and lower owning and operating costs. To simplify servicing, most maintenance items can be reached from ground level. **pg. 10**



✓ *New Feature*

Engine

The Cat 3066T engine is built for world-class performance, power, reliability, economy and low emissions.



Torque Rise. The engine is designed for high torque rise at medium speeds — a feature that is especially beneficial for heavy-duty use.

Low Sound and Vibration Levels.

The engine is attached to the main frame with four rubber mounts. These mounts reduce vibration transmitted to the frame and decrease sound levels.

Maintenance Access. The oil level dipstick, oil filter, fuel filter and priming pump are located in front of the engine for easy maintenance. To reduce downtime, the engine oil filter and fuel filter change intervals have been extended. Valves for engine oil and coolant have been added on top of the engine to make fluid sampling easier.

Fuel System. Fuel injector pump and injector nozzle design provide starting ease and low sound and emission levels. The spin-on Cat fuel filter makes replacement quick and easy. A standard fuel system water separator uses a filter to remove water from the fuel system.

Cooling System. A corrugated-wave fin, four-row radiator design makes it easy to clean. A wire mesh screen that mounts in front of the radiator helps prevent clogging.

Air Cleaner. The radial seal air filter features a double-layered filter core for more efficient filtration.

Turbocharger. The turbocharger increases engine power and efficiency by compressing atmospheric air bound for the cylinders. Compressed air gives the engine more power because it allows the engine to burn additional fuel more efficiently.

Air Intake Heater. A standard engine air intake heater assists engine starting in cold weather.

Emission Countermeasure. The Cat 3066T meets all domestic emission control standards, U.S. EPA standards and European primary emission control standards.

High Ambient Cooling Package.

Ambient working temperature for the standard 318C is 43° C (109° F). The optional high ambient cooling package has a 52° C (125° F) capacity. The high ambient package attachment provides increased radiator fan speed and increased air inlet and outlet of side covers.

Front Linkage

Designed for maximum flexibility to keep productivity and efficiency high on all jobs.

Front Linkage Attachments. Allows the choice of one boom, three sticks and five buckets. Using these combinations makes the excavator productive in a wide range of applications.

Boom. The reach boom is designed to provide maximum digging capability. The boom features a box-section design and high-tensile strength steel for high durability and consistency.

Sticks. The customer's working envelope and bucket capacity requirements determine stick choice. Three stick attachments are available: a long stick to maximize reach, medium stick for the most versatile front linkage or short stick for a good digging envelope with large bucket sizes and good stability for hammer work. All sticks use a box-section design made of high tensile-strength steel and a baffle plate.

Linkage Bearings. Self-lubricated, sintered bearings greatly extend the greasing interval on front linkage pins by reducing pin friction. Greasing intervals on the bucket swing pin connection are also extended using a mesh bearing design.

Linkage Pin. All pins have thick chrome plating, making them resistant against galling and squealing. To smoothly distribute the shear and side loads associated with the stick, the diameter of each pin is made as large as possible.



Buckets. To meet customer needs, five bucket sizes are available for heavy-duty applications. High tensile-strength steel is used in high-stress areas for excellent wear and shock resistance. The side and bottom wear plates and cutting edges are reinforced for extra protection.

Bucket-Flop Adjustment Mechanism. Each Cat bucket is equipped with this feature, allowing the operator or service person to reduce the side play at the bucket to stick-nose connection.

Hydraulics

Cat hydraulics deliver power and precise control to keep material moving at high volume.



Precise Control. Hydraulics deliver smooth changes in speed and outstanding overall control, so operators remain comfortable and productive throughout the day.

Pilot System. The hydraulic pilot system controls the front linkage, swing and travel operations.

Pilot Control Valve. Pilot control valve operation is directly proportional to control lever movement, and pilot pressure operates the main control valve spool. This relationship between control lever movement and pilot pressure delivers outstanding operator control.

Component Layout. The 318C hydraulic system was designed to provide a high level of efficiency. With all major components located close together, shorter tubes and lines are needed, resulting in less friction loss in the lines and reduced pressure drops.

Flow Control System. When controls are in neutral position, flow is minimized resulting in longer component life and lower fuel consumption and sound levels.

Hydraulic Cross-Sensing System.

The system utilizes the two main hydraulic pumps to maximize engine power under all operating conditions, resulting in faster implement speeds and pivot turns.

Boom and Stick Regeneration Circuit.

Saves energy during boom-down and stick-in operation, providing shorter cycle times and lower operating costs.

Automatic Boom and Swing Priority.

For simpler operation, work mode and power mode switches have been eliminated. Instead, the automatic boom and swing priority function selects the best mode, based on joystick movement.

Boom Priority. The boom-up priority circuit is in effect when the boom-up lever is at the point where the boom needs priority flow during combined operations. The boom receives maximum priority flow when the lever is at full shift. By setting gradually modulated boom priority, the 318C avoids boom jump due to sudden priority flow. The boom priority circuit greatly assists operators in digging to depths and working through small swing angles. Because boom priority varies in response to boom lever stroke, this mode meets a wide range of operating requirements.

Boom/Stick Drift Reducing Valves.

Valves reduce the natural drift of the boom and stick, so lifted material will remain suspended for long periods with virtually no drift.

Reverse Swing Damping Valve.

Standard reverse swing-damping valves reduce swing wag.

Auxiliary Hydraulic Valve. The auxiliary hydraulic valve is standard on the 318C for use with optional hydraulic circuits.

Stackable Valves. Up to two stackable valves can be used in combination with the main control valve, allowing additional tool circuits to be added.

Hydraulic Cylinder Snubbers.

Snubbers are located at the rod-end of the boom cylinders and both ends of the stick cylinders to cushion shocks while reducing sound levels and extending cylinder life.



Electronic Power Unit Control System.

Protection of the Electronic Power Unit Control System (EPC) has been improved. Input-output terminals and electric terminals are fully protected so reverse connections or shorts do not affect the main unit.

Automatic Engine Speed Control.

During no-load and lighter-load conditions, the automatic engine speed control reduces engine speed and is controlled by the EPC.

Fine Swing Control. A fine swing control mechanism is available as an attachment for applications requiring smoother movements at swing stop.

Undercarriage

Durable undercarriage absorbs stresses and provides excellent stability.



Track Types. The 318C is available with two different track types: long and long narrow.

Carbody and Track Roller Frame.

X-shaped, box-section carbody provides high rigidity and excellent resistance to torsional bending. The track frame is made from a press-formed pentagonal section for maximum strength and long service life.

Grease-Lubricated Track. Grease-lubricated seals protect the track link and provide longer wear life by helping to keep dirt and debris from entering the pin and bushing joint.

Roller Lubrication. All rollers, sprockets and idler joints are closed with floating seals. Lubricating oil from the seals prevents water and dirt from entering. The seals also make lubrication maintenance-free.

Travel Motors. Automatic speed selection enables the machine to automatically shift up and down from high and low speeds in a smooth, controlled manner. The 318C features increased drawbar pull for excellent maneuverability on slopes and in muddy underfoot conditions.

Track Guards. The idler guard and bolt-on center guard are standard equipment. They help maintain track alignment while traveling or working on slopes. For applications that require additional track protection or alignment, optional guards are available.

Straight-Line Travel Circuit. This circuit allows the 318C to maintain low-speed, straight-line travel, even when operating the front linkage. This circuit is especially useful when turning the upper structure while traveling, using a wrecking ball or similar tool, and for precise finishing or final leveling.

Final Drive. Two-stage reduction planetary drives feature a complete drive/brake unit, delivering excellent performance, reliability and compact size.

Operator Station

Designed for simple, easy operation, the 318C allows the operator to focus on production.

Cab Design. The cab has been redesigned to maximize operator comfort and space. The air conditioner and attachment switches are conveniently located on the right-hand wall, and the key switch and throttle dial are situated on the right-hand console.

Monitor. The compact monitor enhances viewing while displaying a variety of easy-to-read and understand language-based information.

Cab Exterior. The new exterior design uses thick steel tubing, running from the rear to the bottom of the front of the cab for improved resistance to fatigue and vibration.

Cab Mounts. The cab shell is attached to the frame with viscous rubber cab mounts, reducing vibrations and sound levels for enhanced operator comfort.

Windows. The right side glass is attached directly to the window frame with adhesive for improved visibility. The upper front windshield opens, closes and stores above the operator with a one-touch action release system. The lower front windshield features a rounded design to maximize downward visibility.

Skylight. An enlarged skylight with sunshade provides excellent visibility and good ventilation.

Wipers. Pillar-mounted wipers increase the operator's viewing area and offer continuous and intermittent modes.

Consoles. Redesigned consoles feature a simple, functional design. Both consoles have attached adjustable armrests.



Seat. The new seat features two types of cushions, soft and firm, to reduce operator fatigue and support the operator in the proper position.

Automatic Climate Control. The 318C features a fully automatic climate control. The air conditioner adjusts temperature and flow and determines which air outlet would be best used in particular situations.

Standard Cab Equipment. To enhance operator comfort and productivity, the cab includes a lighter, drink holder, coat hook, service meter, literature holder, magazine rack and storage compartment.

Serviceability

Simplified service and maintenance save you time and money.



Prestart Monitoring System. The prestart monitoring system allows the operator to check coolant, hydraulic oil and engine oil levels from the monitor inside the cab.

Diagnostics and Monitoring. The 318C is equipped with S•O•SSM sampling ports and hydraulic test ports for the hydraulic system, engine oil and coolant.

Engine Inspection. The engine can be accessed from the upper structure. The oil level gauge, oil filter, fuel filter and priming pump are all located in front of the engine for easy maintenance.

Air Filter Compartment. The air filter features a double-element construction for superior cleaning efficiency. When the air cleaner clogs, a warning is displayed on the monitor inside the cab.

Radiator Compartment. The left rear service door allows easy access to the engine radiator and oil cooler. A reserve tank simplifies maintenance.

Swing-Out Oil Cooler. Oil cooler swings out horizontally for easy cleaning.

Fan Guard. Engine radiator fan is completely enclosed by fine wire mesh, reducing the risk of injury.

Pump Compartment. A service door on the right side of the upper structure allows ground-level access to the pump and pilot filter.

Handrail and Steps. Large handrails and steps assist the operator in climbing on and off the machine.

Punched-Star Plate. Anti-skid punched-star plate covers the top of the storage box and upper structure to help prevent slipping during maintenance.

Capsule Filter. The hydraulic return filter, a capsule filter, is situated inside the hydraulic tank. This filter prevents contaminants from entering the system when hydraulic oil is changed.

Extended Service Intervals. Extended service and maintenance intervals reduce service time and increase machine availability.

Ground Level Service. Many service locations are easily accessible at ground level allowing critical maintenance to get done quickly and efficiently.

Greasing Points. A concentrated remote greasing block on the boom delivers grease to hard-to-reach locations.

Storage Box. The storage box is located at the front of the upper structure. Tools, grease guns and other repair equipment can be stored in this space. The lockable storage box also accommodates a refueling pump, which is available as an attachment; however, adding these attachments eliminates storage area.

Complete Customer Support

Cat dealer services help you operate longer with lower costs.

Selection. Make detailed comparisons of the machines you are considering before you buy. What are the job requirements, machine attachments and operating hours? What production is needed? What is the true cost of lost production? Your Cat dealer can give precise answers to these questions.

Purchase. Look past the initial price; look at the value the 318C offers. Consider the resale value and compare productivity and day-to-day operating costs. Consult your local Cat dealer for financing options.

Operation. For the best operating techniques to increase productivity and your profit, turn to your Cat dealer for the latest training literature and trained staff.

Maintenance. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as S•O•S and Technical Analysis help you avoid unscheduled repairs.

Replacement. Repair, rebuild or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.

Product Support. You will find nearly all parts at our dealer parts counter. Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can save money with Cat remanufactured components.



Warranty. Your local Cat dealer is there to support and protect you. Extended warranty options are also available.

Engine

Engine Model	Cat 3066T	
Flywheel Power	93 kW	125 hp
Gross Power	97 kW	130 hp
ISO 9249	93 kW	125 hp
SAE J1349	93 kW	125 hp
EEC 80/1269	93 kW	125 hp
Bore	102 mm	4 in
Stroke	130 mm	5.1 in
Displacement	6.37 L	389 in ³

- The 318C L/318C LN meets US Tier 2 and EU Stage II emissions requirements.

Weights

Operating Weight – Long Undercarriage	19 650 kg	43,320 lb
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- 318C L – one-piece boom, 3200 mm (10'6") stick, 770 mm (30") bucket, 0.54 m³ (0.71 yd³) bucket capacity, and 600 mm (24") shoes.

Operating Weight – Long Narrow Undercarriage	19 350 kg	42,660 lb
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Swing Mechanism

Swing Torque	50 000 N·m	36,875 lb ft
Swing Speed	10.8 RPM	

Drive

Maximum Drawbar Pull	202 kN	45,500 lb
Travel Speed	5.5 kph	3.3 mph

Hydraulic System

Main Implement System – Maximum Flow (2x)	190 L/min	50.2 gal/min
Maximum Pressure – Implements	34 320 kPa	4,980 psi
Maximum Pressure – Travel	34 320 kPa	4,980 psi
Maximum Pressure – Swing	20 100 kPa	2,915 psi
Pilot System – Maximum Flow	32.4 L/min	8.6 gal/min
Pilot System – Maximum Pressure	3930 kPa	570 psi
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Stroke	1193 mm	47 in
Stick Cylinder – Bore	130 mm	5.1 in
Stick Cylinder – Stroke	1364 mm	54 in
Bucket Cylinder – Bore	110 mm	4.3 in
Bucket Cylinder – Stroke	1048 mm	41 in

Service Refill Capacities

Fuel Tank	320 L	85 gal
Cooling System	14 L	3.7 gal
Engine Oil	30 L	7.9 gal
Swing Drive	8 L	2.1 gal
Final Drive (Each)	10 L	2.6 gal
Hydraulic System (Including Tank)	255 L	67.4 gal
Hydraulic Tank	127 L	33.6 gal

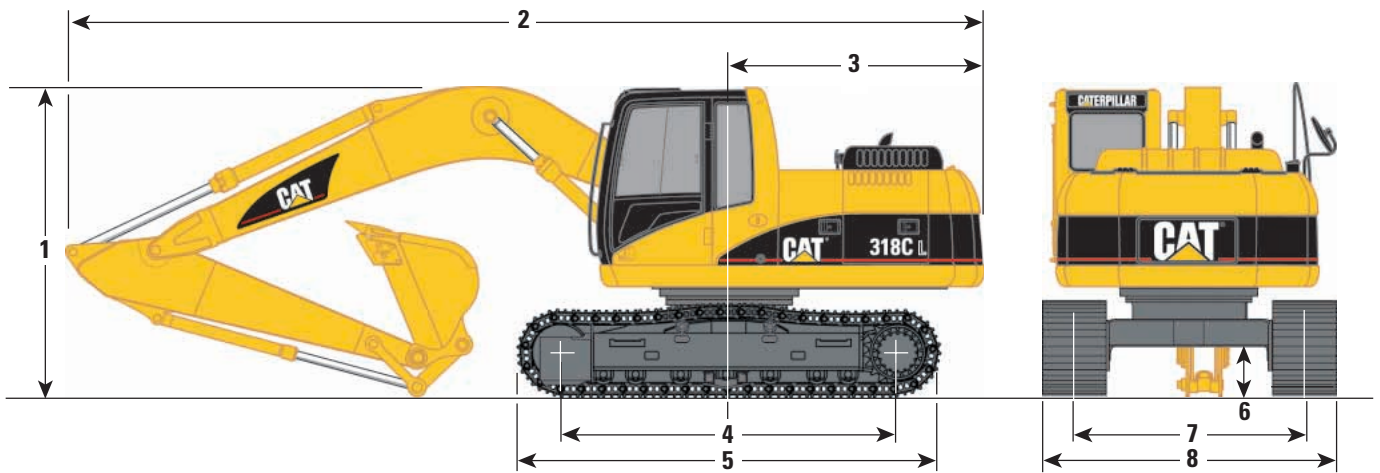
Sound Performance

Performance	ANSI/SAE J1166 OCT98
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- The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT98 is 74 dB(A), for the cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or with doors/windows open) for extended periods or in a noisy environment.

Dimensions

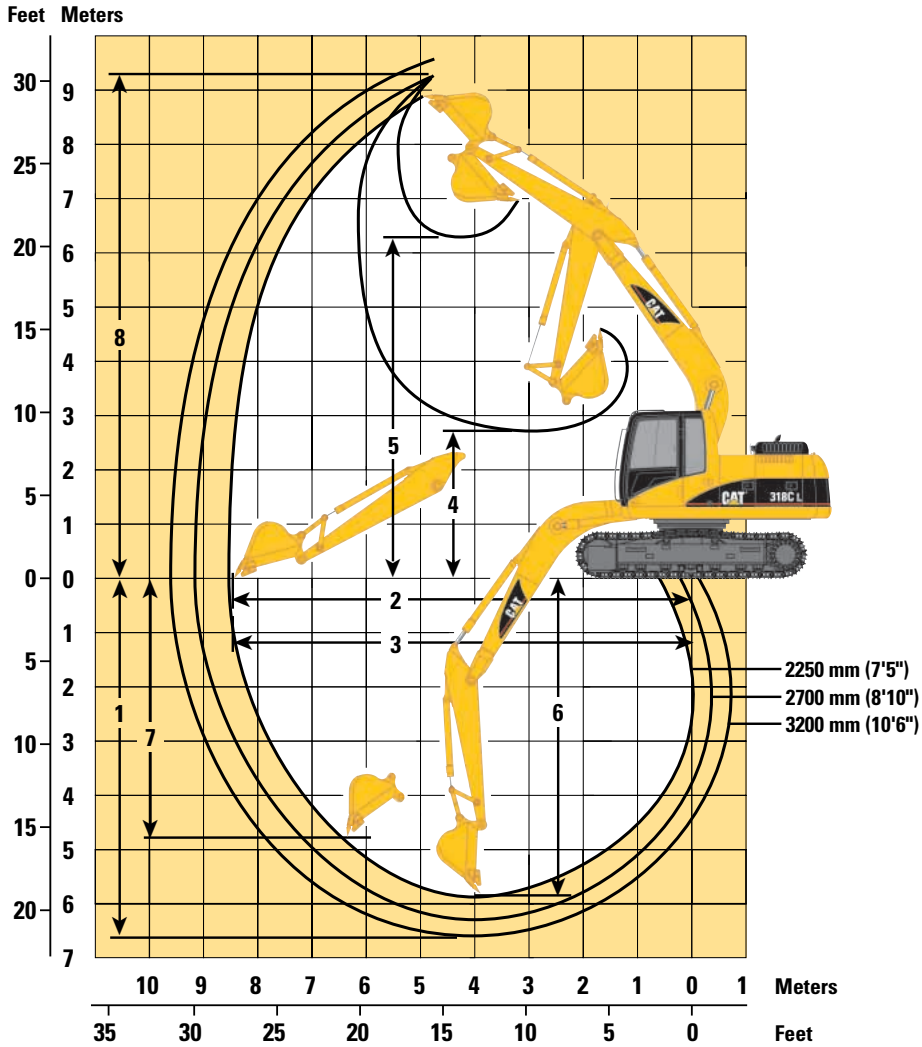
All dimensions are approximate.



Boom 5.30 m (17'5")	2250 mm (7'5") Stick	2700 mm (8'10") Stick	3200 mm (10'6") Stick
1 Shipping height	3080 mm (10'1")	3120 mm (10'3")	3480 mm (11'6")
2 Shipping length	8870 mm (29'1")	8820 mm (28'11")	8830 mm (29')
3 Tail swing radius	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
4 Length to centers of rollers			
318C L	3450 mm (11'4")	3450 mm (11'4")	3450 mm (11'4")
318C LN	3450 mm (11'4")	3450 mm (11'4")	3450 mm (11'4")
5 Track length			
318C L	4250 mm (13'11")	4250 mm (13'11")	4250 mm (13'11")
318C LN	4250 mm (13'11")	4250 mm (13'11")	4250 mm (13'11")
6 Ground clearance	460 mm (1'6")	460 mm (1'6")	460 mm (1'6")
7 Track gauge			
318C L	2200 mm (7'3")	2200 mm (7'3")	2200 mm (7'3")
318C LN	1990 mm (6'6")	1990 mm (6'6")	1990 mm (6'6")
8 Transport width			
500 mm (20") shoes			
318C L	—	—	—
318C LN	2550 mm (8'4")*	2550 mm (8'4")*	2550 mm (8'4")*
600 mm (24") shoes			
318C L	2800 mm (9'2")	2800 mm (9'2")	2800 mm (9'2")
318C LN	2590 mm (8'6")	2590 mm (8'6")	2590 mm (8'6")
700 mm (28") shoes			
318C L	2900 mm (9'6")	2900 mm (9'6")	2900 mm (9'6")
318C LN	—	—	—
800 mm (32") shoes			
318C L	3000 mm (9'10")	3000 mm (9'10")	3000 mm (9'10")
318C LN	—	—	—

* Width defined by upper structure.

Working Ranges



Stick Length	2250 mm (7'5")	2700 mm (8'10")	3200 mm (10'6")
Bucket (SAE m ³ /yd ³)	0.86 m ³ (1.12 yd ³) HD	0.70 m ³ (0.92 yd ³) HD	0.54 m ³ (0.71 yd ³) HD
1 Maximum Digging Depth	5920 mm (19'5")	6370 mm (20'10")	6870 mm (22'6")
2 Maximum Reach on Ground	8650 mm (28'5")	9110 mm (29'11")	9630 mm (31'7")
3 Maximum Reach	8820 mm (28'11")	9260 mm (30'7")	9780 mm (32'1")
4 Minimum Loading Height	2810 mm (9'3")	2350 mm (7'6")	1860 mm (6'1")
5 Maximum Loading Height	6160 mm (20'3")	6460 mm (21'3")	6860 mm (22'6")
Minimum Front Swing Radius	3120 mm (10'3")	3120 mm (10'3")	3070 mm (10'1")
6 Maximum Depth Cut for 2440 mm (8') Level Bottom	5600 mm (18'4")	6070 mm (19'11")	6590 mm (21'7")
7 Maximum Vertical Wall Digging Depth	4830 mm (15'10")	5400 mm (17'8")	6010 mm (19'9")
8 Maximum Height to Bucket Teeth at Height Arc	8920 mm (29'3")	9240 mm (30'4")	9650 mm (31'8")
Bucket Digging Force (SAE)	130 kN (29,200 lb)	111 kN (25,000 lb)	112 kN (25,200 lb)
Stick Digging Force (SAE)	103 kN (23,200 lb)	88 kN (19,800 lb)	79 kN (17,800 lb)

Operating Weights

Caterpillar designed and built track-type undercarriage.

318C L

Track width Stick	Operating Weight 2250 mm (7'5")		Operating Weight 2700 mm (8'10")		Operating Weight 3200 mm (10'6")	
Standard						
600 mm (24") triple grouser	19 750 kg	(43,540 lb)	19 650 kg	(43,320 lb)	19 650 kg	(43,320 lb)
Optional						
700 mm (28") triple grouser	20 100 kg	(44,340 lb)	20 000 kg	(44,120 lb)	20 000 kg	(44,120 lb)
800 mm (32") triple grouser	20 350 kg	(44,910 lb)	20 250 kg	(44,690 lb)	20 250 kg	(44,690 lb)

318C LN

Track width Stick	Operating Weight 2250 mm (7'5")		Operating Weight 2700 mm (8'10")		Operating Weight 3200 mm (10'6")	
Standard						
500 mm (20") triple grouser	19 450 kg	(42,880 lb)	19 250 kg	(42,440 lb)	19 350 kg	(42,660 lb)
Optional						
600 mm (24") triple grouser	19 700 kg	(43,410 lb)	19 500 kg	(42,970 lb)	19 600 kg	(43,190 lb)

Undercarriage

Caterpillar designed and built track-type undercarriage.

Track width	Ground Pressure	
	318C L	318C LN
Standard		
500 mm (20") triple grouser	—	50.9 kPa (7.4 psi)
600 mm (24") tripler grouser	43.1 kPa (6.2 psi)	—
Optional		
600 mm (24") triple grouser	—	42.9 kPa (6.2 psi)
700 mm (28") triple grouser	37.6 kPa (5.5 psi)	—
800 mm (32") triple grouser	33.3 kPa (4.8 psi)	—

Buckets

Buckets have tapered sides, angled corner teeth, dual radius curvature, horizontal wear strips, and holes for optional side cutters.

Heavy Duty Rock Bucket

Width		Capacity		Number of Teeth	Weight with Teeth		Tip Radius	
mm	in	m ³	yd ³		kg	lb	mm	in
620	24	0.40	0.52	3	694	1530	1520	60
770	30	0.54	0.71	4	770	1698	1520	60
930	36	0.70	0.92	5	854	1883	1520	60
1080	42	0.86	1.12	5	878	1936	1420	56
1230	48	1.02	1.33	6	983	2167	1420	56

318C L

Recommended Maximum Material Density

Width		Capacity		Short Stick		Medium Stick		Long Stick	
mm	in	m ³	yd ³	kg/m ³	lbs/yd ³	kg/m ³	lbs/yd ³	kg/m ³	lbs/yd ³
620	24	0.40	0.52	1800	3000	1800	3000	1800	3000
770	30	0.54	0.71	1800	3000	1800	3000	1800	3000
930	36	0.70	0.92	1800	3000	1800	3000	1800	3000
1080	42	0.86	1.12	1800	3000	1800	3000	1200	2000
1230	48	1.02	1.33	1500	2500	1200	2000	900	1500

318C LN

Recommended Maximum Material Density

Width		Capacity		Short Stick		Medium Stick		Long Stick	
mm	in	m ³	yd ³	kg/m ³	lbs/yd ³	kg/m ³	lbs/yd ³	kg/m ³	lbs/yd ³
620	24	0.40	0.52	1800	3000	1800	3000	1800	3000
770	30	0.54	0.71	1800	3000	1800	3000	1800	3000
930	36	0.70	0.92	1800	3000	1800	3000	1500	2500
1080	42	0.86	1.12	1500	2500	1500	2500	900	1500
1230	48	1.02	1.33	1200	2000	900	1500	900	1500

Material Densities

Material	kg/m ³	lb/yd ³	Material	kg/m ³	lb/yd ³
Clay, dry	1480	2500	Gravel, pitrun	1930	3250
Clay, wet	1660	2800	Rock/dirt, 50%	1720	2900
Earth, dry	1510	2550	Sand, dry	1420	2400
Earth, wet	1600	2700	Sand, wet	1840	3100
Loam	1250	2100	Sand and clay	1600	2700
Gravel, dry	1510	2550	Stone, crushed	1600	2700
Gravel, wet	2020	3400	Top soil	950	1600

Reach Boom Lift Capacities (318C L)



Load Point Height



Load at Maximum Reach



Load Radius Over Front














Load Radius Over Side

STICK – 2700 mm (8'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")












		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
														
7.5 m 25.0 ft	kg lb											*1860 *4130	*1860 *4130	6.90 22.22
6.0 m 20.0 ft	kg lb							*3630 *7960	*3630 *7960			*1720 *3800	*1720 *3800	8.06 26.24
4.5 m 15.0 ft	kg lb							*4130 *9010	3700 7930	*3100 *6820	2430 5350	*1700 *3750	*1700 *3750	8.72 28.53
3.0 m 10.0 ft	kg lb			*9620 *20,440	*9620 *20,440	*6130 *13,200	5700 12,270	*4860 *10,540	3530 7580	4070 *8630	2340 4990	*1770 *3890	1670 3680	9.02 29.57
1.5 m 5.0 ft	kg lb					*7780 *16,780	5240 11,290	*5670 *12,280	3330 7160	3980 8530	2260 4830	*1930 *4240	1620 3570	9.00 29.54
Ground Line	kg lb			*5130 *11,850	*5130 *11,850	*8820 *19,060	4950 10,650	5620 12,060	3180 6820	3900 8370	2190 4680	*2200 *4850	1710 3760	8.67 28.44
-1.5 m -5.0 ft	kg lb	*4800 *10,770	*4800 *10,770	*8720 *19,920	*8720 *19,920	8940 19,160	4850 10,420	5530 11,890	3100 6660			*2690 *5940	1980 4370	7.98 26.13
-3.0 m -10.0 ft	kg lb	*8830 *19,870	*8830 *19,870	*12,630 *27,320	9660 20,700	*8520 *18,380	4890 10,530	5570 11,970	3130 6740			*3540 *7680	2650 5900	6.80 22.16
-4.5 m -15.0 ft	kg lb			*9890 *21,100	*9890 *21,100	*6640 *13,980	5110 11,020					*5520 *12,180	4250 9670	5.08 16.36

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 2700 mm (8'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 700 mm (28") triple grouser

BOOM – 5300 mm (17'5")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
														
7.5 m 25.0 ft	kg lb											*1860 *4130	*1860 *4130	6.90 22.22
6.0 m 20.0 ft	kg lb							*3630 *7960	*3630 *7960			*1720 *3800	*1720 *3800	8.06 26.24
4.5 m 15.0 ft	kg lb							*4130 *9010	3700 8080	*3100 *6820	2480 5460	*1700 *3750	*1700 *3750	8.72 28.53
3.0 m 10.0 ft	kg lb			*9620 *20,440	*9620 *20,440	*6130 *13,200	5800 12,480	*4860 *10,540	3600 7720	4150 *8630	2390 5100	*1770 *3890	1710 3770	9.02 29.57
1.5 m 5.0 ft	kg lb					*7780 *16,780	5340 11,500	*5670 *12,280	3400 7300	4060 8710	2310 4940	*1930 *4240	1660 3660	9.00 29.54
Ground Line	kg lb			*5130 *11,850	*5130 *11,850	*8820 *19,060	5050 10,860	5730 12,300	3240 6960	3980 8550	2240 4790	*2200 *4850	1750 3850	8.67 28.44
-1.5 m -5.0 ft	kg lb	*4800 *10,770	*4800 *10,770	*8720 *19,920	*8720 *19,920	*9070 19,530	4950 10,630	5640 12,120	3170 6810			*2690 *5940	2030 4480	7.98 26.13
-3.0 m -10.0 ft	kg lb	*8830 *19,870	*8830 *19,870	*12,630 *27,320	9830 21,080	*8520 *18,380	4990 10,740	5680 12,210	3200 6890			*3540 *7680	2700 6030	6.80 22.16
-4.5 m -15.0 ft	kg lb			*9890 *21,100	*9890 *21,100	*6640 *13,980	5200 11,230					*5520 *12,180	4340 9860	5.08 16.36

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Reach Boom Lift Capacities (318C L)



Load Point Height



Load at Maximum Reach



Load Radius Over Front

















Load Radius Over Side

STICK – 2700 mm (8'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 800 mm (32") triple grouser

BOOM – 5300 mm (17'5")















	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft	
														
7.5 m 25.0 ft	kg lb											*1860 *4130	*1860 *4130	6.90 22.22
6.0 m 20.0 ft	kg lb						*3630 *7960	*3630 *7960				*1720 *3800	*1720 *3800	8.06 26.24
4.5 m 15.0 ft	kg lb						*4130 *9010	3810 8180	*3100 *6820	2520 5540		*1700 *3750	*1700 *3750	8.72 28.53
3.0 m 10.0 ft	kg lb			*9620 *20,440	*9620 *20,440	*6130 *13,200	5870 12,630	*4860 *10,540	3640 7830	4210 *8630	2430 5180	*1770 *3890	1740 3830	9.02 29.57
1.5 m 5.0 ft	kg lb					*7780 *16,780	5410 11,650	*5670 *12,280	3450 7400	4120 8830	2350 5020	*1930 *4240	1690 3720	9.00 29.54
Ground Line	kg lb			*5130 *11,850	*5130 *11,850	*8820 *19,060	5120 11,010	5810 12,470	3290 7070	4040 8680	2280 4870	*2200 *4850	1780 3920	8.67 28.44
-1.5 m -5.0 ft	kg lb	*4800 *10,770	*4800 *10,770	*8720 *19,920	*8720 *19,920	*9070 *19,630	5010 10,780	5720 12,290	3220 6910			*2690 *5940	2060 4550	7.98 26.13
-3.0 m -10.0 ft	kg lb	*8830 *19,870	*8830 *19,870	*12,630 *27,320	9660 21,350	*8520 *18,380	5060 10,880	5760 12,380	3250 6990			*3540 *7680	2740 6120	6.80 22.16
-4.5 m -15.0 ft	kg lb			*9890 *21,100	*9890 *21,100	*6640 *13,980	5270 11,380					*5520 *12,180	4400 9990	5.08 16.36

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 3200 mm (10'6")
BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")

	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft	
														
7.5 m 25.0 ft	kg lb											*1620 *3610	*1620 *3610	7.60 24.58
6.0 m 20.0 ft	kg lb						*3160 *6930	*3160 *6930	*2520 *5030	*2520 *5030		*1500 *3320	*1500 *3320	8.64 28.19
4.5 m 15.0 ft	kg lb						*3700 *8070	*3700 *8070	*3340 *7020	2490 5330		*1480 *3250	*1480 *3250	9.26 30.30
3.0 m 10.0 ft	kg lb			*7930 *16,860	*7930 *16,860	*5460 *11,760	*5460 *11,760	*4470 *9700	3610 7750	*3990 *8710	2400 5120	*1520 *3350	1510 3330	9.54 31.28
1.5 m 5.0 ft	kg lb					*7240 *15,610	5370 11,560	*5360 *11,600	3390 7280	4020 8620	2300 4910	*1640 *3610	1470 3230	9.53 31.26
Ground Line	kg lb			*5190 *12,000	*5190 *12,000	*8520 *18,430	5010 10,780	5650 12,140	3200 6880	3920 8410	2200 4720	*1850 *4070	1530 3380	9.22 30.25
-1.5 m -5.0 ft	kg lb	*3930 *8820	*3930 *8820	*7720 *17,630	*7720 *17,630	8940 19,170	4850 10,420	5530 11,880	3100 6660	3870 8310	2160 4620	*2210 *4880	1740 3850	8.59 28.12
-3.0 m -10.0 ft	kg lb	*7210 *16,240	*7210 *16,240	*12,080 *27,670	9540 20,450	*8790 *19,000	4840 10,410	5520 11,870	3090 6640			*2890 *6430	2220 4950	7.53 24.55
-4.5 m -15.0 ft	kg lb	*11,780 *26,760	*11,780 *26,760	*11,170 *23,950	9840 21,130	*7500 *16,010	4990 10,750					*2840 *6210	*2840 *6210	5.77 18.56

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Reach Boom Lift Capacities (318C L)



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side















STICK – 3200 mm (10'6")

BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long

SHOES – 700 mm (28") triple grouser

BOOM – 5300 mm (17'5")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
														
7.5 m 25.0 ft	kg lb											*1620 *3610	*1620 *3610	7.60 24.58
6.0 m 20.0 ft	kg lb							*3160 *6930	*3160 *6930	*2520 *5030	*2520 *5030	*1500 *3320	*1500 *3320	8.64 28.19
4.5 m 15.0 ft	kg lb							*3700 *8070	*3700 *8070	*3340 *7020	2540 5440	*1480 *3250	*1480 *3250	9.26 30.30
3.0 m 10.0 ft	kg lb			*7930 *16,860	*7930 *16,860	*5460 *11,760	*5460 *11,760	*4470 *9700	3680 7890	*3990 *8710	2450 5230	*1520 *3350	*1520 *3350	9.54 31.28
1.5 m 5.0 ft	kg lb					*7240 *15,610	5470 11,770	*5360 *11,600	3460 7420	4100 8800	2350 5020	*1640 *3610	1510 3320	9.53 31.26
Ground Line	kg lb			*5190 *12,000	*5190 *12,000	*8520 *18,430	5110 10,990	5760 12,370	3270 7030	4000 8590	2250 4830	*1850 *4070	1570 3460	9.22 30.25
-1.5 m -5.0 ft	kg lb	*3930 *8820	*3930 *8820	*7720 *17,630	*7720 *17,630	*9050 19,530	4940 10,630	5640 12,120	3170 6800	3950 8480	2210 4730	*2210 *4880	1790 3940	8.59 28.12
-3.0 m -10.0 ft	kg lb	*7210 *16,240	*7210 *16,240	*12 080 *27,670	9710 20,820	*8790 *19,000	4940 10,620	5630 12,100	3160 6790			*2890 *6430	2280 5060	7.53 24.55
-4.5 m -15.0 ft	kg lb	*11 780 *26,760	*11 780 *26,760	*11 170 *23,950	10 020 21,510	*7500 *16,010	5080 10,950					*2840 *6210	*2840 *6210	5.77 18.56

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













STICK – 3200 mm (10'6")

BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long

SHOES – 800 mm (32") triple grouser

BOOM – 5300 mm (17'5")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
														
7.5 m 25.0 ft	kg lb											*1620 *3610	*1620 *3610	7.60 24.58
6.0 m 20.0 ft	kg lb							*3160 *6930	*3160 *6930	*2520 *5030	*2520 *5030	*1500 *3320	*1500 *3320	8.64 28.19
4.5 m 15.0 ft	kg lb							*3700 *8070	*3700 *8070	*3340 *7020	2580 5520	*1480 *3250	*1480 *3250	9.26 30.30
3.0 m 10.0 ft	kg lb			*7930 *16,860	*7930 *16,860	*5460 *11,760	*5460 *11,760	*4470 *9700	3720 8000	*3990 *8710	2480 5310	*1520 *3350	*1520 *3350	9.54 31.28
1.5 m 5.0 ft	kg lb					*7240 *15,610	5530 11,910	*5360 *11,600	3500 7530	4160 8920	2380 5100	*1640 *3610	1530 3380	9.53 31.26
Ground Line	kg lb			*5190 *12,000	*5190 *12,000	*8520 *18,430	5180 11,140	5840 12,540	3320 7130	4060 8720	2290 4910	*1850 *4070	1600 3530	9.22 30.25
-1.5 m -5.0 ft	kg lb	*3930 *8820	*3930 *8820	*7720 *17,630	*7720 *17,630	*9050 *19,580	5010 10,780	5720 12,290	3210 6900	4010 8610	2240 4810	*2210 *4880	1820 4010	8.59 28.12
-3.0 m -10.0 ft	kg lb	*7210 *16,240	*7210 *16,240	*12 080 *27,670	9840 21,100	*8790 *19,000	5010 10,770	5710 12,270	3200 6890			*2890 *6430	2310 5140	7.53 24.55
-4.5 m -15.0 ft	kg lb	*11 780 *26,760	*11 780 *26,760	*11 170 *23,950	10 150 21,780	*7500 *16,010	5150 11,100					*2840 *6210	*2840 *6210	5.77 18.56

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Reach Boom Lift Capacities (318C LN)



Load Point Height

Load at Maximum Reach















Load Radius Over Front

Load Radius Over Side

STICK – 2700 mm (8'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long Narrow
SHOES – 500 mm (20") triple grouser

BOOM – 5300 mm (17'5")















	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft	
														
7.5 m 25.0 ft	kg lb											*1860 *4130	*1860 *4130	6.90 22.22
6.0 m 20.0 ft	kg lb						*3630 *7960	3390 7280				*1720 *3800	*1720 *3800	8.06 26.24
4.5 m 15.0 ft	kg lb						*4130 *9010	3260 6990	*3100 *6820	2110 4650		*1700 *3750	1590 3530	8.72 28.53
3.0 m 10.0 ft	kg lb		*9620 *20,440	9600 *20,440	*6130 *13,200	5010 10,790	*4860 *10,540	3090 6640	4000 8570	2030 4320		*1770 *3890	1420 3130	9.02 29.57
1.5 m 5.0 ft	kg lb				*7780 *16,780	4570 9830	*5670 12,250	2900 6230	3910 8390	1940 4150		*1930 *4240	1380 3030	9.00 29.54
Ground Line	kg lb		*5130 *11,850	*5130 *11,850	*8820 *19,060	4280 9210	5530 11,870	2750 5900	3840 8230	1880 4010		*2200 *4850	1450 3190	8.67 28.44
-1.5 m -5.0 ft	kg lb	*4800 *10,770	*4800 *10,770	*8720 *19,920	8020 17,210	8800 18,870	4180 8990	5450 11,700	2670 5740			*2690 *5940	1690 3740	7.98 26.13
-3.0 m -10.0 ft	kg lb	*8830 *19,870	*8830 *19,870	*12,630 *27,320	8210 17,610	*8520 *18,380	4230 9090	5480 11,780	2700 5820			*3540 *7680	2290 5100	6.80 22.16
-4.5 m -15.0 ft	kg lb			*9890 *21,100	8570 18,430	*6640 *13,980	4430 9570					*5520 *12,180	3700 8410	5.08 16.36

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 2700 mm (8'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long Narrow
SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")

	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft	
														
7.5 m 25.0 ft	kg lb											*1860 *4130	*1860 *4130	6.90 22.22
6.0 m 20.0 ft	kg lb						*3630 *7960	3440 7380				*1720 *3800	*1720 *3800	8.06 26.24
4.5 m 15.0 ft	kg lb						*4130 *9010	3310 7090	*3100 *6820	2150 4730		*1700 *3750	1620 3600	8.72 28.53
3.0 m 10.0 ft	kg lb		*9620 *20,440	*9620 *20,440	*6130 *13,200	5080 10,930	*4860 *10,540	3140 6740	4070 *8630	2060 4390		*1770 *3890	1450 3200	9.02 29.57
1.5 m 5.0 ft	kg lb				*7780 *16,780	4630 9980	*5670 12,280	2950 6330	3980 8530	1980 4230		*1930 *4240	1400 3090	9.00 29.54
Ground Line	kg lb		*5130 *11,850	*5130 *11,850	*8820 *19,060	4350 9360	5620 12,060	2790 6000	3900 8370	1910 4090		*2200 *4850	1480 3260	8.67 28.44
-1.5 m -5.0 ft	kg lb	*4800 *10,770	*4800 *10,770	*8720 *19,920	8150 17,480	8940 19,160	4250 9140	5530 11,890	2720 5850			*2690 *5940	1730 3810	7.98 26.13
-3.0 m -10.0 ft	kg lb	*8830 *19,870	*8830 *19,870	*12,630 *27,320	8330 17,880	*8520 *18,380	4290 9240	5570 11,970	2750 5920			*3540 *7680	2330 5200	6.80 22.16
-4.5 m -15.0 ft	kg lb			*9890 *21,100	8690 18,700	*6640 *13,980	4500 9720					*5520 *12,180	3760 8550	5.08 16.36

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Reach Boom Lift Capacities (318C LN)



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side















STICK – 3200 mm (10'6")

BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long Narrow

SHOES – 500 mm (20") triple grouser

BOOM – 5300 mm (17'5")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
														
7.5 m 25.0 ft	kg lb											*1620 *3610	*1620 *3610	7.60 24.58
6.0 m 20.0 ft	kg lb							*3160 *6930	*3160 *6930	*2520 *5030	2260 4830	*1500 *3320	*1500 *3320	8.64 28.19
4.5 m 15.0 ft	kg lb							*3700 *8070	3350 7180	*3340 *7020	2170 4650	*1480 *3250	1430 3160	9.26 30.30
3.0 m 10.0 ft	kg lb			*7930 *16,860	*7930 *16,860	*5460 *11,760	5160 11,110	*4470 *9700	3170 6810	*3990 *8710	2080 4440	*1520 *3350	1280 2830	9.54 31.28
1.5 m 5.0 ft	kg lb					*7240 *15,610	4690 10,090	*5360 *11,600	2960 6350	3960 *8480	1980 4230	*1640 *3610	1240 2730	9.53 31.26
Ground Line	kg lb			*5190 *12,000	*5190 *12,000	*8520 *18,430	4340 9330	5560 11,950	2780 5960	3860 *8270	1890 4040	*1850 *4070	1300 2850	9.22 30.25
-1.5 m -5.0 ft	kg lb	*3930 *8820	*3930 *8820	*7720 *17,630	*7720 *17,140	8810 18,870	4180 8980	5440 11,690	2670 5740	3800 8170	1840 3950	*2210 *4880	1480 3270	8.59 28.12
-3.0 m -10.0 ft	kg lb	*7210 *16,240	*7210 *16,240	*12 080 *27,670	8100 17,370	*8790 *18,860	4180 8980	5430 11,680	2660 5720			*2890 *6430	1910 4260	7.53 24.55
-4.5 m -15.0 ft	kg lb	*11 780 *26,760	*11 780 *26,760	*11 170 *23,950	8380 18,020	*7500 *16,010	4320 9300					*2840 *6210	*2840 *6210	5.77 18.56

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.















STICK – 3200 mm (10'6")

BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long Narrow

SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				m ft
														
7.5 m 25.0 ft	kg lb											*1620 *3610	*1620 *3610	7.60 24.58
6.0 m 20.0 ft	kg lb							*3160 *6930	*3160 *6930	*2520 *5030	2290 4890	*1500 *3320	*1500 *3320	8.64 28.19
4.5 m 15.0 ft	kg lb							*3700 *8070	3390 7270	*3340 *7020	2200 4710	*1480 *3250	1450 3210	9.26 30.30
3.0 m 10.0 ft	kg lb			*7930 *16,860	*7930 *16,860	*5460 *11,760	5220 11,240	*4470 *9700	3210 6890	*3990 *8710	2110 4500	*1520 *3350	1310 2880	9.54 31.28
1.5 m 5.0 ft	kg lb					*7240 *15,610	4740 10,210	*5360 *11,600	3000 6430	4010 *8600	2010 4300	*1640 *3610	1260 2780	9.53 31.26
Ground Line	kg lb			*5190 *12,000	*5190 *12,000	*8520 *18,430	4400 9460	5640 12,100	2810 6040	3910 *8390	1920 4110	*1850 *4070	1320 2900	9.22 30.25
-1.5 m -5.0 ft	kg lb	*3930 *8820	*3930 *8820	*7720 *17,630	*7720 *17,350	8920 19,120	4240 9110	5520 11,850	2710 5820	3860 8280	1870 4010	*2210 *4880	1510 3330	8.59 28.12
-3.0 m -10.0 ft	kg lb	*7210 *16,240	*7210 *16,240	*12 080 *27,670	8200 17,590	*8790 *19,000	4230 9100	5510 11,830	2700 5810			*2890 *6430	1940 4330	7.53 24.55
-4.5 m -15.0 ft	kg lb	*11 780 *26,760	*11 780 *26,760	*11 170 *23,950	8490 18,240	*7500 *16,010	4370 9420					*2840 *6210	*2840 *6210	5.77 18.56

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Standard Equipment

Standard equipment may vary. Consult your Caterpillar® dealer for details.

Alternator, 50 amp

Automatic engine speed control

Automatic swing brake

Automatic work modes

Auxiliary hydraulic valve (1)

Cab

- AM/FM radio, 24-volt
- Ash tray and cigar lighter
- Bi-level air conditioner with defroster
- Bolt-on Falling Objects Guard System (FOGS) capability
- Drink holder
- Floor mat
- Fully adjustable suspension seat
- Horn
- Hydraulic neutralizer lever for all controls
- Joysticks, adjustable pilot-operated
- Language display monitor with gauges
 - Clock
 - Filter/fluid change information
 - Level check for hydraulic oil, engine oil and coolant
 - Warning messages
 - Working hour information
- Light, interior
- Literature compartment
- Openable front windshield
- Openable skylight with sunshade
- Storage compartment
- Travel control pedals with removable hand levers

Door and caps lock with one-key security system

Mirrors (frame right and cab left)

Power train

- Cat 3066T diesel engine
 - 24-volt electric starting
 - Air intake heater
- One touch low idle
- Swing-out oil cooler
- Water separator
- Two speed auto-shift travel
- Straight line travel
- Muffler

Undercarriage

- Track-type undercarriage with grease lubricated seals
- 500 mm (20") triple grouser shoes – 318C LN
- 600 mm (24") triple grouser shoes – 318C L
- Hydraulic track adjusters
- Idler and center section track guiding guards

Working light, chassis mounted

Optional Equipment

Optional equipment may vary. Consult your Caterpillar dealer for details.

Air pre-filter	Headrest for standard seat
Alarm, travel (mandatory in certain countries)	Heavy-duty bottom guard
Auxiliary hydraulics – dual directions and a medium pressure circuit	Light, boom right side
Auxiliary hydraulics for hydraulic hammer	Lights, working, cab mounted, two
Auxiliary hydraulics for hydraulic thumb	Power supply, 12V-7A
Auxiliary hydraulic lines for booms and sticks	Rain protection, cab front
Boom, with light, left side	Seat, suspension, KAB 527
Bucket linkage	Seat, suspension, KAB 527, with heater
Bucket sidecutters and tips	Sticks
Buckets	– 3200 mm (10'6")
Bumpers, rubber	– 2700 mm (8'10")
Cab fan	– 2250 mm (7'5")
Cabs, optional	Sun visor, windshield
– Cab with polycarbonate windows (mandatory in certain countries)	Swivel guard
– Cab with tempered windows	Track
Cold weather start	– 600 mm (24") triple grouser shoes (318C LN only)
Coolant, extended life	– 700 mm (28") triple grouser shoes
Cooling, high ambient 52° C (125° F)	– 800 mm (32") triple grouser shoes (318C L only)
Falling Object Guard System	Track guiding guard, front and rear section
Front windshield guard	Vandalism protection
Hand control pattern changer	Wiper and washer, lower windshield

318C L/318C LN Hydraulic Excavator

AEHQ5481-01 (8-04)

Replaces AEHQ5481

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See your Caterpillar dealer for available options.

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