

# 315C/315C L

## Hydraulic Excavator



### Weights

**Operating Weight -**      16 400 kg      36,160 lb  
**Standard Undercarriage**

- Standard undercarriage, 3100 mm (10'2") stick and 600 mm (24") shoes

**Operating Weight -**      16 750 kg      36,930 lb  
**Long Undercarriage**

- Long undercarriage, 3100 mm (10'2") stick and 600 mm (24") shoes

### Engine

**Engine Model**              Cat® 3046 T

**Flywheel Power**            82 kW              110 hp

**Gross Power**                86 kW              115 hp

# 315C/315C L Hydraulic Excavator

*Improved performance and rugged durability combine to maximize productivity.*

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## Engine

The 315C is powered by the Cat 3046T engine. This engine includes several design features which enhance performance, efficiency and reliability.  
**pg. 4**

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## Hydraulics

The open-center, two-pump hydraulic system features pump flow control which improves fuel efficiency, ensures smooth controllability, reduces sound levels and extends component life.  
**pg. 5**

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## Undercarriage and Structures

Rugged Caterpillar® undercarriage design and proven structural manufacturing techniques assure outstanding durability in the toughest applications. New grease lubricated seals protect and prolong track life.  
**pg. 6**

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## 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 and attachment selection to replacement.  
**pg. 10**

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



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### Front Linkage

Designed-in flexibility to help bring higher production and efficiency to all jobs. **pg. 7**

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### Operator Station

✓ Larger, quieter, climate-controlled cab has excellent sightlines to the work area to help keep operator fatigue low and production up throughout the entire shift. **pg. 8**

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### Serviceability

✓ Longer service intervals and easier maintenance results in better machine availability and lower owning and operating costs. **pg. 9**



✓ *New Feature*

## Engine

*The six cylinder turbo-charged Cat 3046T engine is built for power, reliability, economy and low emissions.*



**Torque Rise.** The engine is designed for high torque rise at middle rpm, a feature that is especially beneficial for heavy-duty use.

**Automatic Engine Control.** This three-stage control features a convenient one-touch command, maximizes fuel efficiency and reduces sound levels.

**Maintenance.** The oil level gauge, oil filter, fuel filter and priming pump are located on the right side of the upper structure for easy maintenance. The engine oil filter and fuel filter change intervals have been extended.

**Crankshaft.** Eight balance, one-piece, forged crankshaft enhances balance and decreases vibration and is induction hardened to improve abrasion resistance.

**Pistons.** Heat resistant aluminum alloy pistons have a short compression height, reducing weight and improving efficiency.

**Fuel Consumption.** The 3046T engine has the best fuel consumption in this class of diesel engines. It features improved thermal efficiency and reduced friction resistance between piston and liners.

**Air Intake Heating.** Air intake heating is standard on the 315C for easier cold starts.

# Hydraulics

*Caterpillar hydraulics deliver power and control to keep material moving at high volume.*

**Component Layout.** The 315C 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.

**Hydraulic Cross-Sensing System.**

Improves productivity with faster implement speeds and quicker, stronger pivot turns.

**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.

**Stackable Valves.** Three types of stackable valves and one independent valve are available on the 315C and attached directly to the main control valve. Up to two stackable valves can be used in combination with the main control valve to provide a variety of different functions.

**Boom and Stick Regeneration Circuit.**

The 315C uses a boom and stick regeneration circuit to save energy during boom-down and stick-in operation.

**Controllability.** The hydraulic system offers precise control to the 315C, reducing operator fatigue, improving operator effectiveness and efficiency, which ultimately translates into enhanced performance.



**Auxiliary Hydraulic Valve.** The auxiliary hydraulic valve is standard on the 315C for use with optional hydraulic circuits.

**Hydraulic Snubbers.** Hydraulic cylinder snubbers at the rod-end of boom cylinders and both ends of the stick cylinders cushion shocks, reduce sound and increase cylinder life.

## Undercarriage and Structures

*Durable undercarriage absorbs stresses and provides excellent stability.*



**Structures.** The 315C structural components and undercarriage are the backbone of the machine's durability.

**Carbody Design and Track Roller Frames.** X-shaped, box-section carbody provides excellent resistance to torsional bending. Robot-welded track roller frames are press-formed, pentagonal units to deliver exceptional strength and service life.

**Rollers and Idlers.** Sealed and lubricated track rollers, carrier rollers and idlers provide excellent service life, to keep the machine in the field longer.

**Main Frame.** The rugged main frame is designed for maximum durability and efficient use of materials.

**Grease Lubricated Track.** New grease lubricated seals protect the track link and deliver long track link pin and bushing inner wear life.

**Travel Motors.** Automatic speed selection enables the machine to automatically change up and down from high and low speeds in a smooth, controlled manner.

**Idler Guard.** An idler guard, which is integral to the track roller frame, is standard. This guard helps maintain track alignment while traveling or working on slopes.

## Front Linkage

*Designed-in flexibility to help bring higher production and efficiency to all jobs.*

**Front Linkage.** Front linkage variations on the 315C allow for the use of one boom, three sticks and two bucket-types (excavation and heavy-duty rock). Using these combinations improves the general-purpose versatility of the 315C by suiting it to a diverse range of applications.

**Boom.** The boom on the 315C is designed to provide maximum digging capability. Caterpillar booms are manufactured with high-tensile steel for upper, lower and side plates and are robot welded for consistent quality.

**Stick.** Three sticks are available on the 315C. The customer's working envelope and bucket capacity needs determine their stick choice.

**Boom and Stick Construction.** Built for performance and long service life, Caterpillar booms and sticks are large, welded, box-section structures with thick, multi-plate fabrications in high-stress areas.

**Buckets.** High tensile strength steel is used in high-stress areas for excellent wear and shock resistance. The side plates are tapered to prevent contact of the bucket sidewalls during trenching operations.

**Bucket Linkage.** The bucket linkage on the 315C includes the bucket cylinder, idler link and power links.



### **Bucket Flop Adjustment Mechanism.**

All 300 family excavator buckets are equipped with a bucket flop adjustment mechanism which allows the operator or serviceman to reduce the side play at the bucket to stick-nose connection.

### **Linkage Bearings.**

New bearing technology has extended the front linkage greasing intervals for all bearings.

## Operator Station

*Designed for simple operation, the 315C operator station allows the operator to focus on production.*



**Operator Environment.** The 315C operator work station is quiet with ergonomic control placement and convenient adjustments, low lever and pedal effort, ergonomic seat design and highly efficient ventilation.

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

**Automatic Boom and Swing Priority Function.** 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.

**Auxiliary Hydraulics.** Five hydraulic pump flows can be preset on the monitor, eliminating the need to adjust the flow every time a tool is changed and instantly providing the operator with the correct amount of flow for each tool. This feature is available with certain optional auxiliary hydraulic configurations.

**Redesigned Layout.** Redesigned cab layout emphasizes simplicity and ease of use. Right-hand wall and console provides easy access to all switches, dials and controls.

**Travel Controls.** A large rubber-covered footrest at the side of the travel pedals allows the foot to easily grip the pedal. The travel lever stroke and force have been enhanced to improve the 315C's fine controllability, making the machine easier to operate.

**Seat.** A new seat with a two-tone color offers two types of cushions - soft and firm - for operator comfort. The reclining knob is located at the right-side of the seat for easier reclining adjustment.

**Automatic Climate Control.** Fully automatic climate control adjusts temperature and flow and determines which air outlet is best in each situation.

**Skylight.** A large polycarbonate skylight delivers excellent natural lighting and good ventilation. Standard sliding sunshade protects from direct sunlight.



## Serviceability

*Simplified service and maintenance features save you time and money.*

**Extended Service Intervals.** 315C service and maintenance intervals have been extended to reduce machine service time and increase machine availability.

**Radiator Compartment.** The left rear service door allows easy access to the engine radiator and the hydraulic oil cooler, which are side by side, and the high performance compact air-to-air aftercooler (ATAAC). Ample space between the ATAAC and the radiator/cooler is provided to allow access for cleaning.

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

**Ground Level Service.** The design and layout of the 315C was made with the service technician in mind. Many service locations are easily accessible at ground level allowing critical maintenance to get done quickly and efficiently.

**Swing-Out Condenser.** The air conditioner condenser swings out horizontally for cleaning access.

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

**Capsule Filter.** The hydraulic return filter, a capsule filter, is situated inside the hydraulic tank but is easily accessed from outside the tank. This filter prevents contaminants from entering the system when hydraulic oil is changed and keeps the operation clean.



**Anti-Skid "Punched-Star" Plate.** Anti-skid punched-star plate covers the top of the storage box and upper structure to prevent slipping during maintenance. The plate can be removed for cleaning.

**Engine Inspection.** Engine can be accessed from the upper structure or from under the machine. The engine and pump compartment are separated by a steel wall.

## 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? What production is needed? What is the true cost of lost production? Your Cat dealer can give you precise answers to these questions.

**Purchase.** Look past initial price, look at the value the 315C offers. Consider the financing options available as well as day-to-day operating costs.

**Operation.** Improving operating techniques can boost your profits. Your Cat dealer has training literature and other ideas to help you increase productivity.

**Maintenance.** Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as Scheduled Oil Sampling 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 down time. You will save money with remanufactured components.

## Engine

Engine Model	Cat 3046 T	
Flywheel Power	82 kW	110 hp
Gross Power	86 kW	115 hp
ISO 9249	82 kW	110 hp
SAE J1349	82 kW	110 hp
EEC 80/1269	82 kW	110 hp
Bore	94 mm	3.7 in
Stroke	120 mm	4.7 in
Displacement	4.99 L	305 in <sup>3</sup>

- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- No engine derating required below 2300 m (7,500 ft) altitude.
- The 315C/315C L meets US Tier 2 and EU Stage II emissions requirements.

## Weights

Operating Weight - Standard Undercarriage	16 400 kg	36,160 lb
Operating Weight - Long Undercarriage	16 750 kg	36,930 lb

- Standard undercarriage, 3100 mm (10'2") stick and 600 mm (24") shoes
- Long undercarriage, 3100 mm (10'2") stick and 600 mm (24") shoes

## Swing Mechanism

Swing Torque	42 980 N•m	31,700 lb-ft
Swing Speed	10.2 RPM	

## Drive

Maximum Drawbar Pull	150 kN	33,710 lb
Travel Speed	5.5 kph	3.4 mph

## Hydraulic System

Main Implement System - Maximum Flow (2x)	150 L/min	39.6 gal/min
Maximum Pressure - Implements	34 300 kPa	4,980 psi
Maximum Pressure - Travel	34 300 kPa	4,980 psi
Maximum Pressure - Swing	22 550 kPa	3,270 psi
Pilot System - Maximum Flow	23.7 L/min	6.3 gal/min
Pilot System - Maximum Pressure	4120 kPa	600 psi
Boom Cylinder - Bore	110 mm	4.3 in
Boom Cylinder - Stroke	1193 mm	47 in
Stick Cylinder - Bore	120 mm	4.7 in
Stick Cylinder - Stroke	1331 mm	52.4 in
Bucket Cylinder - Bore	100 mm	3.9 in
Bucket Cylinder - Stroke	1048 mm	41 in

## Service Refill Capacities

Fuel Tank	285 L	75 gal
Cooling System	22 L	5.8 gal
Engine Oil	19 L	5 gal
Swing Drive	3 L	0.8 gal
Final Drive (Each)	5 L	1.3 gal
Hydraulic System (Including Tank)	190 L	50.2 gal
Hydraulic Tank	106 L	28 gal

## Standards

Cab/FOGS	SAE J1356 FEB88 ISO 10262
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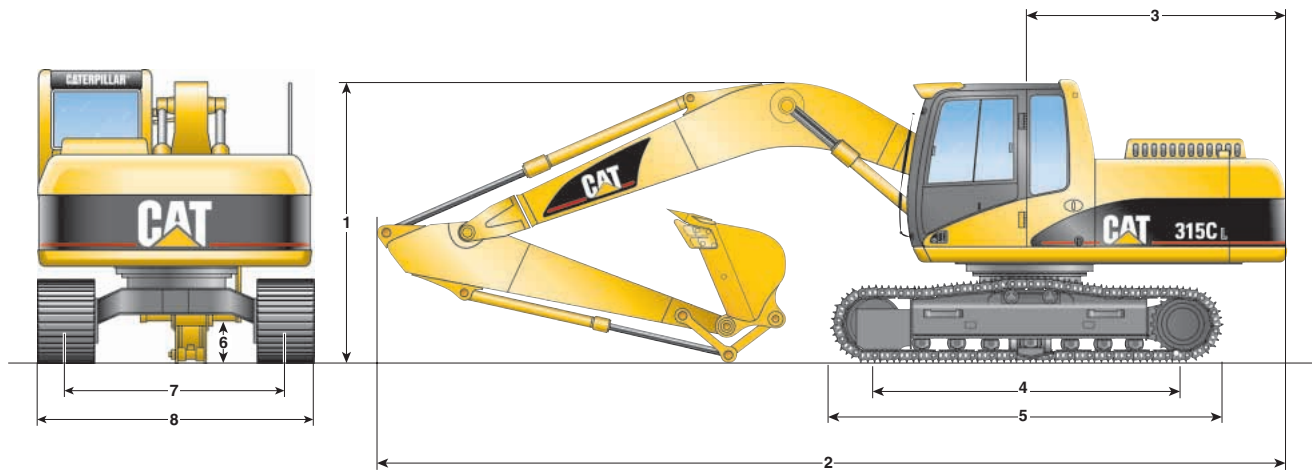
## Sound Performance

### Performance

- 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 doors/windows open) for extended periods or in noisy environment.

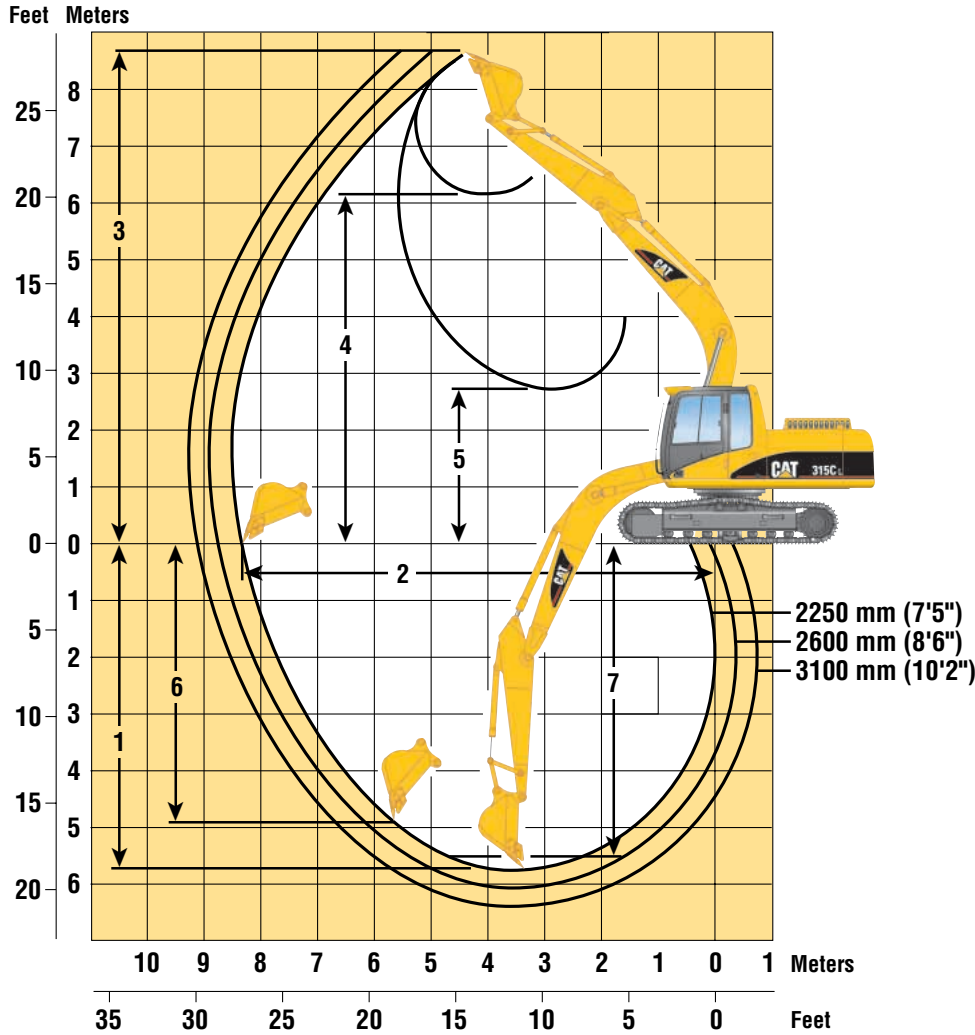
# Dimensions

All dimensions are approximate.



	<b>2250 mm (7'5") Stick</b>	<b>2600 mm (8'6") Stick</b>	<b>3100 mm (10'2") Stick</b>
<b>1</b> Shipping height	2880 mm (9'5")	2880 mm (9'5")	2990 mm (9'10")
<b>2</b> Shipping length	8470 mm (27'10")	8500 mm (27'11")	8520 mm (28'0")
<b>3</b> Tail swing radius	2450 mm (8'0")	2450 mm (8'0")	2450 mm (8'0")
<b>4</b> Length to centers of rollers			
315C	2880 mm (9'5")	2880 mm (9'5")	2880 mm (9'5")
315C L	3170 mm (10'5")	3170 mm (10'5")	3170 mm (10'5")
<b>5</b> Track length			
315C	3690 mm (12'1")	3690 mm (12'1")	3690 mm (12'1")
315C L	3970 mm (13'0")	3970 mm (13'0")	3970 mm (13'0")
<b>6</b> Ground clearance	460 mm (18")	460 mm (18")	460 mm (18")
<b>7</b> Track gauge	1990 mm (6'6")	1990 mm (6'6")	1990 mm (6'6")
<b>8</b> Transport width	with 500 mm (20") 2490 mm (8'2")	with 600 mm (24") 2590 mm (8'6")	with 700 mm (28") 2690 mm (8'10")

# Working Ranges



Stick Length	2250 mm (7'5") Stick	2600 mm (8'6") Stick	3100 mm (10'2") Stick
1 Maximum Digging Depth	5705 mm (18'9")	6055 mm (19'10")	6555 mm (21'6")
2 Maximum Reach at Ground Level	8420 mm (27'7")	8740 mm (28'8")	9140 mm (30'0")
3 Maximum Cutting Height	8735 mm (28'8")	8910 mm (29'3")	8970 mm (29'5")
4 Maximum Loading Height	6150 mm (20'2")	6320 mm (20'9")	6410 mm (21'0")
5 Minimum Loading Height	2690 mm (8'10")	2340 mm (7'8")	1840 mm (6'0")
6 Maximum Depth Cut for 2440 mm (8') Level Bottom	5455 mm (17'11")	5825 mm (19'1")	6330 mm (20'9")
7 Maximum Vertical Wall Digging Depth	4930 mm (16'2")	5335 mm (17'6")	5570 mm (18'3")
Stick Digging Force (SAE)	84 kN (18,880 lb)	76 kN (17,080 lb)	68 kN (15,280 lb)
Bucket Digging Force (SAE)	99 kN (22,250 lb)	99 kN (22,250 lb)	99 kN (22,250 lb)

# Buckets

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

## Excavation Bucket

Width		Capacity		Number of Teeth	Weight with Teeth		Tip Radius	
mm	in	m <sup>3</sup>	yd <sup>3</sup>		kg	lb	mm	in
610	24	0.33	0.43	3	423	933	1340	53
760	30	0.46	0.60	4	480	1058	1340	53
910	36	0.59	0.78	5	538	1186	1340	53
1070	42	0.73	0.95	6	583	1285	1340	53
1220	48	0.86	1.13	6	641	1413	1340	53

Width		Capacity		Short Stick		Medium Stick		Long Stick	
mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg/m <sup>3</sup>	lb/yd <sup>3</sup>	kg/m <sup>3</sup>	lb/yd <sup>3</sup>	kg/m <sup>3</sup>	lb/yd <sup>3</sup>
610	24	0.33	0.43	1800	3000	1800	3000	1800	3000
760	30	0.46	0.60	1800	3000	1800	3000	1800	3000
910	36	0.59	0.78	1800	3000	1800	3000	1800	3000
1070	42	0.73	0.95	1800	3000	1700	2850	1400	2350
1220	48	0.86	1.13	1500	2500	1300	2150	1100	1850

## Heavy Duty Rock Bucket

Width		Capacity		Number of Teeth	Weight with Teeth		Tip Radius	
mm	in	m <sup>3</sup>	yd <sup>3</sup>		kg	lb	mm	in
620	24	0.33	0.43	3	490	1080	1340	53
770	30	0.46	0.60	4	562	1239	1340	53
930	36	0.59	0.78	5	636	1402	1340	53
1080	42	0.73	0.95	6	693	1528	1340	53
1230	48	0.86	1.13	6	766	1689	1340	53

Width		Capacity		Short Stick		Medium Stick		Long Stick	
mm	in	m <sup>3</sup>	yd <sup>3</sup>	kg/m <sup>3</sup>	lb/yd <sup>3</sup>	kg/m <sup>3</sup>	lb/yd <sup>3</sup>	kg/m <sup>3</sup>	lb/yd <sup>3</sup>
620	24	0.33	0.43	1800	3000	1800	3000	1800	3000
770	30	0.46	0.60	1800	3000	1800	3000	1800	3000
930	36	0.59	0.78	1800	3000	1800	3000	1700	2850
1080	42	0.73	0.95	1700	2850	1500	2500	1200	2000
1230	48	0.86	1.13	1400	2350	1200	2000	1000	1650

## Material Densities

Material	kg/m <sup>3</sup>	lb/yd <sup>3</sup>	Material	kg/m <sup>3</sup>	lb/yd <sup>3</sup>
Clay, dry	1480	2500	Gravel, pit run	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 & Clay	1600	2700
Gravel, dry	1510	2550	Stone, crushed	1600	2700
Gravel, wet	2020	3400	Top soil	950	1600

For densities of other materials see Caterpillar Performance Handbook

## Operating Weights

Caterpillar designed and built track-type undercarriage.

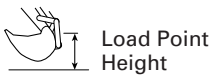
Track Width		Operating Weight (Short Stick)	Operating Weight (Medium Stick)	Operating Weight (Long Stick)
315C	500 mm (20") triple grouser	16 100 kg (35,500 lb)	16 090 kg (35,470 lb)	16 170 kg (35,650 lb)
	600 mm (24") triple grouser	16 320 kg (35,980 lb)	16 310 kg (35,960 lb)	16 400 kg (36,160 lb)
	700 mm (28") triple grouser	16 520 kg (36,420 lb)	16 510 kg (36,400 lb)	16 600 kg (36,600 lb)
315C L	500 mm (20") triple grouser	16 430 kg (36,220 lb)	16 470 kg (36,310 lb)	16 510 kg (36,400 lb)
	600 mm (24") triple grouser	16 680 kg (36,770 lb)	16 710 kg (36,840 lb)	16 750 kg (36,930 lb)
	700 mm (28") triple grouser	16 890 kg (37,240 lb)	16 920 kg (37,300 lb)	16 970 kg (37,410 lb)

## Undercarriage

Caterpillar designed and built track-type undercarriage.

Track Width	Ground Pressure	
	315C	315C L
500 mm (20") triple grouser	50 kPa (7.25 psi)	47 kPa (6.82 psi)
600 mm (24") triple grouser	42 kPa (6.10 psi)	39 kPa (5.66 psi)
700 mm (28") triple grouser	36 kPa (5.22 psi)	34 kPa (4.93 psi)

# Reach Boom Lift Capacities



Load at  
Maximum Reach



Load Radius  
Over Front



Load Radius  
Over Side

**R2.25 STICK** – 2250 mm (7'5")  
**BUCKET** – 0.73 m<sup>3</sup> (0.95 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 500 mm (20") triple grouser

**BOOM** – 5100 mm (16'9")

	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				m ft	
7.5 m 25.0 ft	kg lb									*1950 *4350	*1950 *4350	5.81 18.57
6.0 m 20.0 ft	kg lb						*2600 *5650	*2600 *5650	*1800 *3900	*1800 *3900		7.16 23.27
4.5 m 15.0 ft	kg lb				*4250 *9200	*4250 *9200	*3900 8450	2700 5800	*1750 *3800	1650 3650		7.90 25.83
3.0 m 10.0 ft	kg lb		*8650 *18,300	7950 17,150	*5500 *11,850	4200 9000	3850 8200	2600 5550	*1800 *3950	1450 3200		8.23 26.99
1.5 m 5.0 ft	kg lb				5850 12,500	3850 8250	3700 7900	2450 5250	*1950 *4300	1400 3100		8.22 26.98
Ground Line	kg lb		*5450 *12,550	*5450 *12,550	5600 12,000	3650 7800	3550 7600	2350 5000	*2250 *4900	1500 3300		7.87 25.81
-1.5 m -5.0 ft	kg lb	*5250 *11,750	*5250 *11,750	*9500 *21,750	6800 14,600	5500 11,850	3550 7650	3500 7550	2300 4900	2750 6000	1800 3950	7.12 23.30
-3.0 m -10.0 ft	kg lb	*9600 *21,550	*9600 *21,550	*10,050 *21,700	7000 15,000	5600 12,000	3650 7800			*3150 *6800	2550 5750	5.79 18.80
-4.5 m -15.0 ft	kg lb			*7000 *15,400	*7000 *15,400					*5000 *11,300	4500 10,750	4.08 12.70

\* 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.

**R2.6 STICK** – 2600 mm (8'6")  
**BUCKET** – 0.59 m<sup>3</sup> (0.78 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 500 mm (20") triple grouser

**BOOM** – 5100 mm (16'9")

	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										*1700 *3750	*1700 *3750	6.28 20.16
6.0 m 20.0 ft	kg lb						*3100 *6250	2900 6200			*1550 *3400	*1550 *3400	7.53 24.49
4.5 m 15.0 ft	kg lb						*3650 *7950	2800 5950			*1500 *3300	*1500 *3300	8.23 26.91
3.0 m 10.0 ft	kg lb		*7700 *16,350	*7700 *16,350	*5150 *11,100	4300 9200	3900 8350	2650 5700	2650 5550	1750 3750	*1600 *3450	1400 3050	8.55 28.03
1.5 m 5.0 ft	kg lb		*5600 *13,500	*5600 *13,500	5900 12,700	3900 8400	3750 8000	2500 5350	2550 5500	1700 3600	*1700 *3750	1350 2950	8.54 28.02
Ground Line	kg lb		*5950 *13,700	*5950 *13,700	5650 12,100	3650 7850	3600 7700	2400 5100	2500 5500	1650 3600	*1950 *4300	1400 3100	8.20 26.91
-1.5 m -5.0 ft	kg lb	*4900 *11,000	*4900 *11,000	*9050 *20,600	6800 14,500	5500 11,850	3550 7650	2300 4950			*2400 *5300	1650 3600	7.49 24.53
-3.0 m -10.0 ft	kg lb	*8500 *19,050	*8500 *19,050	*10,600 *22,850	6900 14,800	5550 11,900	3600 7750	2350 5050			*3350 *7450	2250 5050	6.26 20.37
-4.5 m -15.0 ft	kg lb			*8050 *17,050	7250 15,550	*5200 *11,500	3800 8350				*4950 *10,850	3650 8250	4.65 14.92

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# Reach Boom Lift Capacities



Load Point Height



Load at Maximum Reach



Load Radius Over Front

















Load Radius Over Side

**R3.1 STICK** – 3100 mm (10'2")  
**BUCKET** – 0.59 m<sup>3</sup> (0.78 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 500 mm (20") triple grouser

**BOOM** – 5100 mm (16'9")













	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											*1400 *3150	*1400 *3150	6.85 22.07
6.0 m 20.0 ft	kg lb						*2850 *6250	*2850 *6250				*1300 *2900	*1300 *2900	7.98 26.01
4.5 m 15.0 ft	kg lb						*3250 *7050	2850 6050	*2350 *4500	1850 3900		*1300 *2850	*1300 *2850	8.64 28.27
3.0 m 10.0 ft	kg lb			*6350 *13,950	*6350 *13,950	*4550 *9850	4350 9400	*3850 *8300	2700 5750	2650 5650	1750 3750	*1350 *3000	1250 2750	8.94 29.32
1.5 m 5.0 ft	kg lb			*9700 *21,250	7400 15,950	5950 12,800	3950 8500	3750 8000	2500 5350	2550 5450	1700 3550	*1500 *3250	1200 2650	8.93 29.32
Ground Line	kg lb			*6950 *15,900	6800 14,650	5650 12,100	3650 7850	3550 7650	2350 5000	2500 5300	1600 3400	*1750 *3800	1250 2750	8.62 28.27
-1.5 m -5.0 ft	kg lb	*4700 *10,450	*4700 *10,450	*8850 *20,100	6700 14,300	5450 11,700	3500 7550	3450 7450	2250 4850	2450 5350	1550 3450	*2150 *4700	1450 3150	7.95 26.04
-3.0 m -10.0 ft	kg lb	*7500 *16,850	*7500 *16,850	*11,100 *23,950	6750 14,450	5450 11,700	3500 7500	3450 7450	2250 4800			2900 6450	1900 4200	6.82 22.23
-4.5 m -15.0 ft	kg lb	*11,400 *25,800	*11,400 *25,800	*9100 *19,450	7000 15,050	5600 12,050	3650 7800					*2850 *6900	*2850 *6900	4.92 15.81

\* 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.

**R2.25 STICK** – 2250 mm (7'5")  
**BUCKET** – 0.73 m<sup>3</sup> (0.95 yd<sup>3</sup>)

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

**BOOM** – 5100 mm (16'9")

	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				m ft	
												
7.5 m 25.0 ft	kg lb								*1950 *4350	*1950 *4350	5.81 18.57	
6.0 m 20.0 ft	kg lb						*2600 *5650	*2600 *5650	*1800 *3900	*1800 *3900	7.16 23.27	
4.5 m 15.0 ft	kg lb					*4250 *9200	*4250 *9200	*3900 *8500	2800 6000	*1750 *3800	1700 3800	7.90 25.83
3.0 m 10.0 ft	kg lb			*8650 *18,300	8200 17,700	*5500 *11,850	4350 9300	*4400 *9550	2700 5750	*1800 *3950	1550 3350	8.23 26.99
1.5 m 5.0 ft	kg lb					*6800 *14,600	4000 8550	4350 9300	2550 5450	*1950 *4300	1500 3250	8.22 26.98
Ground Line	kg lb			*5450 *12,550	*5450 *12,550	6700 14,350	3750 8100	4200 9050	2450 5200	*2250 *4900	1550 3450	7.87 25.81
-1.5 m -5.0 ft	kg lb	*5250 *11,750	*5250 *11,750	*9500 *21,750	7050 15,100	6600 14,150	3700 7950	4150 8950	2400 5150	*2750 *6100	1850 4100	7.12 23.30
-3.0 m -10.0 ft	kg lb	*9600 *21,550	*9600 *21,550	*10,050 *21,700	7250 15,500	6700 14,350	3750 8100			*3150 *6800	2650 5950	5.79 18.80
-4.5 m -15.0 ft	kg lb			*7000 *15,400	*7000 *15,400					*5000 *11,300	4650 11,150	4.08 12.70

\* 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



Load at  
Maximum Reach



Load Radius  
Over Front



Load Radius  
Over Side

**R2.6 STICK** – 2600 mm (8'6")  
**BUCKET** – 0.73 m<sup>3</sup> (0.95 yd<sup>3</sup>)

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

**BOOM** – 5100 mm (16'9")

	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											*1650 *3650	*1650 *3650	6.28 20.16
6.0 m 20.0 ft	kg lb						*2900 *5900	*2900 *5900				*1500 *3300	*1500 *3300	7.53 24.49
4.5 m 15.0 ft	kg lb						*3600 *7850	2850 6100				*1500 *3250	*1500 *3250	8.23 26.91
3.0 m 10.0 ft	kg lb			*7650 *16,300	*7650 *16,300	*5150 *11,050	4400 9450	*4150 *9050	2700 5800	*2900 *5450	1800 3800	*1550 *3350	1400 3100	8.55 28.03
1.5 m 5.0 ft	kg lb			*5550 *13,350	*5550 *13,350	*6500 *14,000	4050 8650	4350 9350	2550 5500	3000 6400	1750 3650	*1700 *3650	1400 3000	8.54 28.02
Ground Line	kg lb			*5850 *13,500	*5850 *13,500	6700 14,400	3800 8100	4200 9050	2450 5200	2950 6450	1700 3650	*1900 *4200	1450 3150	8.20 26.91
-1.5 m -5.0 ft	kg lb	*4850 *10,850	*4850 *10,850	*8950 *20,400	7000 *15,050	6600 14,150	3700 7900	4150 8900	2400 5100			*2350 *5200	1700 3700	7.49 24.53
-3.0 m -10.0 ft	kg lb	*8400 *18,900	*8400 *18,900	*10,550 *22,800	7150 15,350	6650 14,200	3700 7950	4200 9000	2400 5150			*3300 *7350	2300 5150	6.26 20.37
-4.5 m -15.0 ft	kg lb			*8000 *17,000	7450 16,050	*5200 *11,400	3900 8600					*4900 *10,800	3750 8500	4.65 14.92

\* 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.

**R3.1 STICK** – 3100 mm (10'2")  
**BUCKET** – 0.59 m<sup>3</sup> (0.78 yd<sup>3</sup>)

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

**BOOM** – 5100 mm (16'9")

	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											*1400 *3150	*1400 *3150	6.85 22.07
6.0 m 20.0 ft	kg lb							*2850 *6250	*2850 *6250			*1300 *2900	*1300 *2900	7.98 26.01
4.5 m 15.0 ft	kg lb							*3250 *7050	2950 6250	*2350 *4500	1900 4050	*1300 *2850	*1300 *2850	8.64 28.27
3.0 m 10.0 ft	kg lb			*6350 *13,950	*6350 *13,950	*4550 *9850	4500 9700	*3850 *8300	2800 5950	3100 *6500	1850 3900	*1350 *3000	1300 2850	8.94 29.32
1.5 m 5.0 ft	kg lb			*9700 *21,250	7650 16,500	*6000 *12,950	4100 8800	4400 9450	2600 5550	3050 6450	1750 3750	*1500 *3250	1250 2750	8.93 29.32
Ground Line	kg lb			*6950 *15,900	*6950 15,150	6750 14,450	3800 8150	4250 9050	2450 5250	2950 6300	1700 3600	*1750 *3800	1300 2900	8.62 28.27
-1.5 m -5.0 ft	kg lb	*4700 *10,450	*4700 *10,450	*8850 *20,100	6950 14,850	6550 14,050	3650 7850	4150 8850	2350 5050	2900 6400	1650 3600	*2150 *4700	1500 3300	7.95 26.04
-3.0 m -10.0 ft	kg lb	*7500 *16,850	*7500 *16,850	*11,100 *23,950	7000 15,000	6550 14,050	3650 7800	4100 8850	2350 5050			*2950 *6600	2000 4400	6.82 22.23
-4.5 m -15.0 ft	kg lb	*11,400 *25,800	*11,400 *25,800	*9100 *19,450	7250 15,550	*6050 *12,850	3750 8100					*2850 *6900	*2850 *6900	4.92 15.81

\* 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



Load Point Height



Load at Maximum Reach



Load Radius Over Front















Load Radius Over Side

**R2.25 STICK** – 2250 mm (7'5")  
**BUCKET** – 0.73 m<sup>3</sup> (0.95 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 700 mm (28") triple grouser

**BOOM** – 5100 mm (16'9")













	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				m ft	
												
7.5 m 25.0 ft	kg lb									*1950 *4350	*1950 *4350	5.81 18.57
6.0 m 20.0 ft	kg lb							*2600 *5650	*2600 *5650	*1800 *3900	*1800 *3900	7.16 23.27
4.5 m 15.0 ft	kg lb					*4250 *9200	*4250 *9200	*3900 *8500	2800 5950	*1750 *3800	1700 3750	7.90 25.83
3.0 m 10.0 ft	kg lb			*8650 *18,300	8150 17,550	*5500 *11,850	4300 9200	3950 8450	2650 5700	*1800 *3950	1500 3300	8.23 26.99
1.5 m 5.0 ft	kg lb					6000 12,850	3950 8500	3800 8100	2550 5400	*1950 *4300	1450 3200	8.22 26.98
Ground Line	kg lb			*5450 *12,550	*5450 *12,550	5750 12,300	3750 8000	3650 7850	2400 5150	*2250 *4900	1550 3400	7.87 25.81
-1.5 m -5.0 ft	kg lb	*5250 *11,750	*5250 *11,750	*9500 *21,750	7000 15,000	5650 12,150	3650 7850	3600 7750	2350 5050	*2750 *6100	1850 4050	7.12 23.30
-3.0 m -10.0 ft	kg lb	*9600 *21,550	*9600 *21,550	*10,050 *21,700	7150 15,350	5750 12,300	3750 8000			*3150 *6800	2650 5900	5.79 18.80
-4.5 m -15.0 ft	kg lb			*7000 *15,400	*7000 *15,400					*5000 *11,300	4600 11,050	4.08 12.70

\* 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.

**R2.6 STICK** – 2600 mm (8'6")  
**BUCKET** – 0.59 m<sup>3</sup> (0.78 yd<sup>3</sup>)

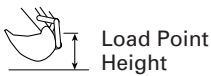
**UNDERCARRIAGE** – Standard  
**SHOES** – 700 mm (28") triple grouser

**BOOM** – 5100 mm (16'9")

	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										*1700 *3750	*1700 *3750	6.28 20.16	
6.0 m 20.0 ft	kg lb							*3100 *6250	3000 *6250		*1550 *3400	*1550 *3400	7.53 24.49	
4.5 m 15.0 ft	kg lb							*3650 *7950	2850 6100		*1500 *3300	*1500 *3300	8.23 26.91	
3.0 m 10.0 ft	kg lb			*7700 *16,350	*7700 *16,350	*5150 *11,100	4400 9450	4000 8600	2750 5850	1800 *5550	1450 3850	*1600 *3450	8.55 28.03	
1.5 m 5.0 ft	kg lb			*5600 *13,500	*5600 *13,500	6050 13,000	4000 8650	3850 8200	2600 5500	2650 5650	1750 3700	*1700 *3750	8.54 28.02	
Ground Line	kg lb			*5950 *13,700	*5950 *13,700	5800 12,400	3750 8100	3700 7900	2450 5250	2600 5700	1700 3700	*1950 *4300	8.20 26.91	
-1.5 m -5.0 ft	kg lb	*4900 *11,000	*4900 *11,000	*9050 *20,600	6950 14,900	5650 12,150	3650 7850	3600 7750	2400 5100		*2400 *5300	1700 3750	7.49 24.53	
-3.0 m -10.0 ft	kg lb	*8500 *19,050	*8500 *19,050	*10,600 *22,850	7100 15,200	5700 12,250	3700 7950	3650 7850	2400 5200		*3350 *7450	2350 5150	6.26 20.37	
-4.5 m -15.0 ft	kg lb			*8050 *17,050	7400 15,900	*5200 *11,500	3900 8550					*4950 *10,850	3700 8500	4.65 14.92

\* 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



Load at  
Maximum Reach



Load Radius  
Over Front

















Load Radius  
Over Side

**R3.1 STICK** – 3100 mm (10'2")  
**BUCKET** – 0.59 m<sup>3</sup> (0.78 yd<sup>3</sup>)

**UNDERCARRIAGE** – Standard  
**SHOES** – 700 mm (28") triple grouser

**BOOM** – 5100 mm (16'9")













	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											*1400 *3150	*1400 *3150	6.85 22.07
6.0 m 20.0 ft	kg lb						*2850 *6250	*2850 *6250				*1300 *2900	*1300 *2900	7.98 26.01
4.5 m 15.0 ft	kg lb						*3250 *7050	2900 6200	*2350 *4500	1900 4000		*1300 *2850	*1300 *2850	8.64 28.27
3.0 m 10.0 ft	kg lb		*6350 *13,950	*6350 *13,950	*4550 *9850	4450 9600	*3850 *8300	2750 5900	2700 5800	1800 3850		*1350 *3000	1300 2850	8.94 29.32
1.5 m 5.0 ft	kg lb		*9700 *21,250	7600 16,350	*6000 *12,950	4050 8750	3850 8200	2600 5500	2650 5600	1750 3700		*1500 *3250	1250 2700	8.93 29.32
Ground Line	kg lb		*6950 *15,900	*6950 15,000	5800 12,400	3750 8050	3650 7850	2400 5150	2550 5450	1650 3550		*1750 *3800	1300 2850	8.62 28.27
-1.5 m -5.0 ft	kg lb	*4700 *10,450	*4700 *10,450	*8850 *20,100	6850 14,700	5600 12,050	3600 7750	3550 7650	2350 5000	2500 5500	1650 3550	*2150 *4700	1500 3250	7.95 26.04
-3.0 m -10.0 ft	kg lb	*7500 *16,850	*7500 *16,850	*11 100 *23,950	6950 14,850	5600 12,000	3600 7750	3550 7650	2300 4950			*2950 *6600	1950 4350	6.82 22.23
-4.5 m -15.0 ft	kg lb	*11 400 *25,800	*11 400 *25,800	*9100 *19,450	7200 15,400	5750 12,350	3750 8050					*2850 *6900	*2850 *6900	4.92 15.81

\* 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.

**R2.25 STICK** – 2250 mm (7'5")  
**BUCKET** – 0.73 m<sup>3</sup> (0.95 yd<sup>3</sup>)

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

**BOOM** – 5100 mm (16'9")

	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				m ft	
												
7.5 m 25.0 ft	kg lb								*1950 *4350	*1950 *4350	5.81 18.57	
6.0 m 20.0 ft	kg lb						*2600 *5650	*2600 *5650	*1800 *3900	*1800 *3900	7.16 23.27	
4.5 m 15.0 ft	kg lb				*4250 *9200	*4250 *9200	*3900 *8500	2850 6100	*1750 *3800	*1750 *3800	7.90 25.83	
3.0 m 10.0 ft	kg lb		*8650 *18,300	8300 17,900	*5500 *11,850	4400 9400	*4400 *9550	2750 5850	*1800 *3950	1550 3400	8.23 26.99	
1.5 m 5.0 ft	kg lb				*6800 *14,600	4050 8650	4400 9450	2600 5550	*1950 *4300	1500 3300	8.22 26.98	
Ground Line	kg lb		*5450 *12,550	*5450 *12,550	6800 14,550	3800 8200	4300 9150	2500 5300	*2250 *4900	1600 3500	7.87 25.81	
-1.5 m -5.0 ft	kg lb	*5250 *11,750	*5250 *11,750	*9500 *21,750	7150 15,300	6700 14,350	3750 8050	4250 9050	2450 5200	*2750 *6100	1900 4150	7.12 23.30
-3.0 m -10.0 ft	kg lb	*9600 *21,550	*9600 *21,550	*10 050 *21,700	7300 15,700	6750 14,500	3800 8200			*3150 *6800	2700 6050	5.79 18.80
-4.5 m -15.0 ft	kg lb		*7000 *15,400	*7000 *15,400					*5000 *11,300	4700 11,250	4.08 12.70	

\* 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



Load Point Height



Load at Maximum Reach



Load Radius Over Front

















Load Radius Over Side

**R2.6 STICK** – 2600 mm (8'6")  
**BUCKET** – 0.73 m<sup>3</sup> (0.95 yd<sup>3</sup>)

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

**BOOM** – 5100 mm (16'9")















	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											*1650 *3650	*1650 *3650	6.28 20.16
6.0 m 20.0 ft	kg lb						*2900 *5900	*2900 *5900				*1500 *3300	*1500 *3300	7.53 24.49
4.5 m 15.0 ft	kg lb						*3600 *7850	2900 6150				*1500 *3250	*1500 *3250	8.23 26.91
3.0 m 10.0 ft	kg lb			*7650 *16,300	*7650 *16,300	*5150 *11,050	4450 9550	*4150 *9050	2750 5900	*2900 *5450	1800 3850	*1550 *3350	1450 3150	8.55 28.03
1.5 m 5.0 ft	kg lb			*5550 *13,350	*5550 *13,350	*6500 *14,000	4100 8750	4400 9450	2600 5550	3050 6500	1750 3750	*1700 *3650	1400 3050	8.54 28.02
Ground Line	kg lb			*5850 *13,500	*5850 *13,500	6800 14,550	3850 8250	4300 9150	2450 5300	3000 6550	1700 3750	*1900 *4200	1450 3200	8.20 26.91
-1.5 m -5.0 ft	kg lb	*4850 *10,850	*4850 *10,850	*8950 *20,400	7100 15,250	6700 14,300	3750 8000	4200 9000	2400 5150			*2350 *5200	1700 3750	7.49 24.53
-3.0 m -10.0 ft	kg lb	*8400 *18,900	*8400 *18,900	*10,550 *22,800	7250 15,550	6700 14,400	3750 8100	4250 9100	2450 5250			*3300 *7350	2350 5250	6.26 20.37
-4.5 m -15.0 ft	kg lb			*8000 *17,000	7550 16,250	*5200 *11,400	3950 8700					*4900 *10,800	3800 8600	4.65 14.92

\* 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.

**R3.1 STICK** – 3100 mm (10'2")  
**BUCKET** – 0.59 m<sup>3</sup> (0.78 yd<sup>3</sup>)

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

**BOOM** – 5100 mm (16'9")

	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											*1400 *3150	*1400 *3150	6.85 22.07
6.0 m 20.0 ft	kg lb							*2850 *6250	*2850 *6250			*1300 *2900	*1300 *2900	7.98 26.01
4.5 m 15.0 ft	kg lb							*3250 *7050	2950 6350	*2350 *4500	1950 4100	*1300 *2850	*1300 *2850	8.64 28.27
3.0 m 10.0 ft	kg lb			*6350 *13,950	*6350 *13,950	*4550 *9850	4550 9800	*3850 *8300	2800 6000	3150 *6500	1850 3950	*1350 *3000	1350 2900	8.94 29.32
1.5 m 5.0 ft	kg lb			*9700 *21,250	7750 16,650	*6000 *12,950	4150 8950	4450 9550	2650 5650	3050 6550	1800 3800	*1500 *3250	1300 2800	8.93 29.32
Ground Line	kg lb			*6950 *15,900	*6950 15,350	6800 14,600	3850 8250	4300 9200	2500 5300	3000 6400	1700 3650	*1750 *3800	1350 2950	8.62 28.27
-1.5 m -5.0 ft	kg lb	*4700 *10,450	*4700 *10,450	*8850 *20,100	7000 15,050	6650 14,250	3700 7950	4200 8950	2400 5100	*2950 *6450	1650 3650	*2150 *4700	1550 3350	7.95 26.04
-3.0 m -10.0 ft	kg lb	*7500 *16,850	*7500 *16,850	*11,100 *23,950	7100 15,200	6650 14,200	3700 7900	4200 8950	2400 5100			*2950 *6600	2000 4450	6.82 22.23
-4.5 m -15.0 ft	kg lb	*11,400 *25,800	*11,400 *25,800	*9100 *19,450	7350 15,750	*6050 *12,850	3800 8200					*2850 *6900	*2850 *6900	4.92 15.81

\* 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)  
Bolt-on Falling Object Guard System (FOGS) capability  
Cab

- Bi-level air conditioner with defroster
- Ashtray with cigar lighter
- AM/FM Radio, 24-volt
- Coat hook
- Drink holder
- Floor mat
- Horn
- Joysticks, adjustable pilot-operated
- Language display monitor with gauges
  - Warning messages
  - Filter/fluid change information
  - Level check for hydraulic oil, engine oil and coolant
  - Clock
- Light, interior
- Light, storage box mounted (1)
- Literature holder
- Positive filtered ventilation
- Retractable seatbelt
- Fully adjustable suspension seat
- Openable skylight with sunshade
- Openable front windshield
- Storage compartment
- Travel control pedals with removable hand levers
- Hydraulic neutralizer lever for all controls

Door locks and caps lock with one-key security system  
Mirrors (frame and cab)

### Power Train

- Cat 3046T diesel engine
- 24-volt electric starting
- Air intake heater
- Water separator

### Undercarriage

- Hydraulic track adjusters
- Idler and center section track guiding guards
- Track-type undercarriage with grease lubricated seals
- 315C – 500 mm (20") triple grouser shoes
- 315C L – 600 mm (24") triple grouser shoes

## Optional Equipment

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

Air prefilter	Seat with heater
Auxiliary hydraulics	Secondary exit, rear window (mandatory in certain countries)
Auxiliary hydraulic lines from brooms and sticks	Steel side bumpers
Boom lowering control device (mandatory in certain countries)	Stick and boom combinations:
Bucket linkage	-5.10 m (16'9") boom and left side light
Cab mounted working lights	-3.1 m (10'2") stick
Cab fan	-2.6 m (8'6") stick
Cab with polycarbonate windows (mandatory in certain countries)	-2.25 m (7'5") stick
Cold weather start	Straight travel pedal
Front windshield guard	Sun visor
Hand control pattern changer	Swivel guard
Heavy duty bottom guard	Track:
High ambient cooling system	-315C – 600 mm (24") triple grouser shoes
Lower windshield wiper	-315C L – 700 mm (28") triple grouser shoes
Power supply 12V-7A	Travel alarm (mandatory in certain countries)
Rain protector	Vandalism protection
Right-side boom lights	

# 315C/315C L Hydraulic Excavator

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

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