385C L

Hydraulic Excavator

Engine		
Engine Model	Caterpillar® C18 ATAAC	
Net Flywheel Power	382 kW	513 hp

Weights		
Operating Weight – Long Undercarriage	84 980 kg	187,360 lb

- General Purpose Boom, R4.4 (14'5") stick, 1678 mm (66") Bucket, and 900 mm (36") shoes.

Drive		
Maximum Travel Speed	4.4 kph	2.8 mph
Maximum Drawbar Pull – Long Undercarriage	592 kN	133,090 lb

385C L Hydraulic Excavator

High performance and rugged durability combine to maximize your productivity.

Engine

✔ The Cat® C18 engine has state-of-the-art ACERT® technology to meet U.S. EPA Tier 3 emission regulations, with exceptional performance capabilities and proven reliability. **pg. 4**

Hydraulics

✔ Proportional Priority Pressure Compensated (PPPC) system with state-of-the-art electronic control ensures hydraulic system efficiency and excellent productivity. **pg. 5**

Operator Station

✔ An all-new cab provides improved visibility and comfort. The new monitor is a full-color graphical display with enhanced functionality to provide simple, comprehensive machine interface. **pg. 6**

Front Linkage

Caterpillar excavator booms and sticks are built for performance and long service life. Two types of booms and six lengths of sticks are available, offering a range of configurations suitable for a wide variety of applications. All booms and sticks are stress relieved. **pg. 11**

Buckets

A wide variety of bucket types, aggressive bucket designs and larger capacity bucket options take advantage of the powerful digging forces and stable base this is offered with the 385C L. **pg. 12**

High level of sustained production, higher deep trenching and pipe-laying performance, improved reliability and durability increase your productivity and lower your operating costs.

Courtesy of Machine.Market

Electronic Control System

Engine and machine Electronic Control Modules maximize fuel efficiency and performance by maintaining the optimum balance between engine speed and hydraulic demand. **pg. 8**

Undercarriage

Cat designed excavator undercarriage is stable, durable and low maintenance. The undercarriage is a long, variable gauge type for good machine stability and transportability. New grease-lubricated track provides longer life and quieter operation. **pg. 9**

Structures

Caterpillar design and manufacturing techniques assure outstanding durability and service life from these important components. The 385C L upper frame main channels are box section, connected by a large diameter tube in the boom foot area for strength and rigidity. **pg. 10**

Service and Maintenance

Fast, easy service has been designed in with extended service intervals, advanced filtration, convenient filter access and user-friendly electronic diagnostics for increased productivity and reduced maintenance costs. **pg. 13**

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. 14**

✔ *New Feature*

Courtesy of Machine.Market

Engine

A combination of innovations working at the point of combustion, ACERT technology optimizes engine performance while meeting EPA Tier 3 emission regulations.

Diesel Engine. The Caterpillar C18, with ACERT technology, is a 18.1 liter, six-cylinder, 382 kW (513 hp) engine with mechanically actuated electronic fuel injection (MEUI) and overhead camshaft. ACERT technology provides outstanding engine performance through advanced electronic control, precision fuel delivery, and refined air management.

Fuel Consumption. The Advanced Diesel Engine Management (A4) controller uses sensors throughout the engine to manage engine load and performance. The A4 controller is the muscle behind engine responsiveness, self-diagnostics, controlling emissions, and fuel economy.

Fuel System. C18 engine uses a mechanically actuated electrically controlled unit injection (MEUI) system. The MEUI system combines high-pressure injection and electronic control in a single compact unit. The electronic unit injector is an integral part of the C18 fuel system. Computerized electronic control provides precise metering and timing of fuel injection.

Cooling System. High capacity, side-by-side cooling system allows operation in ambient temperatures up to 52 degree C (126 degree F). The Electric Power Control (EPC) controls the fan speed based on coolant temperature and hydraulic oil temperature for optimized cooling.

Turbocharger. The C18 engine uses a water-cooled, center-section waste gated turbocharger for improved performance. This turbocharger controls the air volume to the cylinders and works efficiently during low and high load conditions.

Emissions. ACERT Technology is a differentiated technology that reduces emissions at the point of combustion. The technology capitalizes on Caterpillar's proven leadership in three core engine systems: fuel, air and electronics.

Cold Weather Starting Kit. The kit consists of two additional batteries, heavy-duty harness, large capacity starting motor, and the ether starting aid. With this kit, the 385C L has the capability to start at –32 degree C (–25.6 degree F).

Hydraulics

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

PPPC Hydraulics. Load sensing, Proportional Priority Pressure Compensation (PPPC) system, with Caterpillar-developed electronic actuation, provides high efficiency and excellent controllability.

- Cylinder speed is directly related to operator's movement of joystick from feathering to full speed.
- Flow to cylinders during multifunctional operation is directly controlled by the operator and is not dependent on loads.
- Controller reduces pump output to minimum to save power when joysticks are in neutral position.

Main Pumps. Large, heavy-duty main pumps and a separate swing pump provide quick cycle times during multi-function operation.

Power Management Control. The pump-valve electronic controller is central to power management and provides highly efficient control of the pumps, valves, and engine.

Reverse Swing Damping Valve. Swing dampening valves reduce swing wag and produce smooth swing stops.

Auxiliary Hydraulic Valve. The auxiliary valve is standard on the 385C L. The standard auxiliary valve is for use with optional control arrangements to operate tools such as hammers and shears. Flow settings can be programmed for up to four tools, which the operator can select through the monitor.

Heavy Lift Standard. The operator can select the heavy lift mode at the push of a button to boost lifting capability and provide improved controllability of heavy loads.

Operator Station

Designed for simple, easy operation and comfort, the 385C L allows the operator to focus on production.

Cab Design. The work station has been designed to be spacious, quiet and comfortable. Operator comfort, and a high level of visibility assure productivity throughout the entire workday. The monitor and switches are conveniently located for easy access and visibility.

Seat. The 385C L seat provides a variety of adjustments, including fore/aft, height and weight to suit the operator. Also included are adjustable armrests and a retractable seat belt. For additional comfort, a new heated air suspension seat is available as an attachment.

Hydraulic Activation Control Lever. The hydraulic activation control lever deactivates hydraulic functions during engine start-up, and prevents unintentional machine operation.

Climate Control. Positive filtered ventilation with a pressurized cab comes standard on the 385C L. Fresh air or re-circulated air can be selected, and the automatic climate control maintains constant, comfortable temperature.

Windows. To maximize visibility, all glass is affixed directly to the cab eliminating the use of window frames. The upper front windshield opens, closes and stores on the roof above the operator with a one-touch action release system. The lower front windshield features a rounded design to maximize downward visibility and improves wiper coverage.

Wipers. Pillar-mounted parallelogram wiper, including a washer nozzle, increases the operator's viewing area and offers continuous and intermittent modes.

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

Consoles. Redesigned consoles feature a simple, functional design to reduce operator fatigue, ease of switch operation and excellent visibility. Both consoles have attached armrests and allow the height of the armrests to be adjusted.

Monitor. The compact, full-color, graphical display monitor is new with the 385C L. The monitor has functions to display machine, maintenance, diagnostic and prognostic information. The angle of the monitor can be adjusted to face the operator and prevent sun glare.

Cab Mounts. The cab shell is attached to the frame with viscous rubber cab mounts, which dampen vibrations and sound levels while enhancing operator comfort.

Standard Cab Equipment. To enhance operator comfort and productivity, the 385C L cab includes a lighter, drink holder, coat hook, service meter, literature holder, magazine rack and storage compartment. The cab also comes equipped with two, 12V-7 Amp electrical sockets to provide additional electrical resources.

Machine Security. An optional Machine Security System (MSS) is available from the factory on the 385C L. MSS uses a special Caterpillar key with an embedded electronic chip for controlling unauthorized machine operation.

Product Link. The 385C L is "Product Link Ready" from the factory.

Electronic Control System

Manages the engine and hydraulics for maximum performance.

Monitor Display Screen. The monitor is a full color 400 × 234 pixels Liquid Crystal Display (LCD) graphic display.

The Master Caution Lamp the action lamp blinks ON and OFF when one of the critical conditions below occurs:

- Engine oil pressure low
- Coolant temperature high
- Hydraulic oil temperature high

Under the normal condition or the default condition, the monitor display screen is divided into four areas; clock and throttle dial area, gauge area, event display area and multi-information display area.

Clock and Throttle Dial Display. The clock, throttle dial and gas-station icon with green color are displayed in the area.

Gauge Display. Three analog gauges, fuel level, hydraulic oil temperature and coolant temperature, are displayed in the this area.

Event Display. Machine event information is displayed in the area along with the icon and language.

Operator Gain/Response. Used to suit the operators preference or application.

- Quicker, for fast response and more production
- Slower, for more precision
- Three preset settings with 21 available

Pattern Control Changer. The standard hand control pattern changer can be accessed through the monitor, to utilize either the standard excavator control pattern (SAE) or Backhoe-loader pattern (BHL).

Electronic Joysticks. Electronic joysticks provide features not possible with hydraulic pilot valves:

- Eliminate pilot lines in cab for quieter operation
- Simple pattern change through the monitor

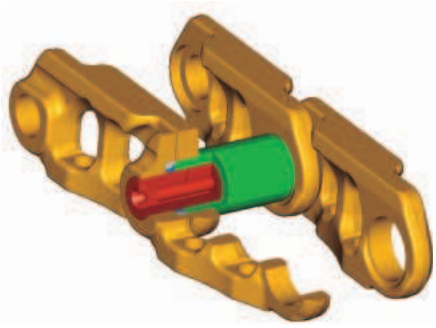
Undercarriage

Durable undercarriage absorbs stresses and provides excellent stability.

Undercarriage Components. Large, Caterpillar designed and built undercarriage components offer heavy-duty performance and durability.

Track Rollers. Heavy-duty track rollers, carrier rollers and idlers are sealed and lubricated for excellent service life.

Idler Guards and Track Guides. Standard idler guards and center track guides maintain track alignment. Additional sprocket and idler end guards, as well as two-piece full-length guards are optional for additional protection on steep side slopes.



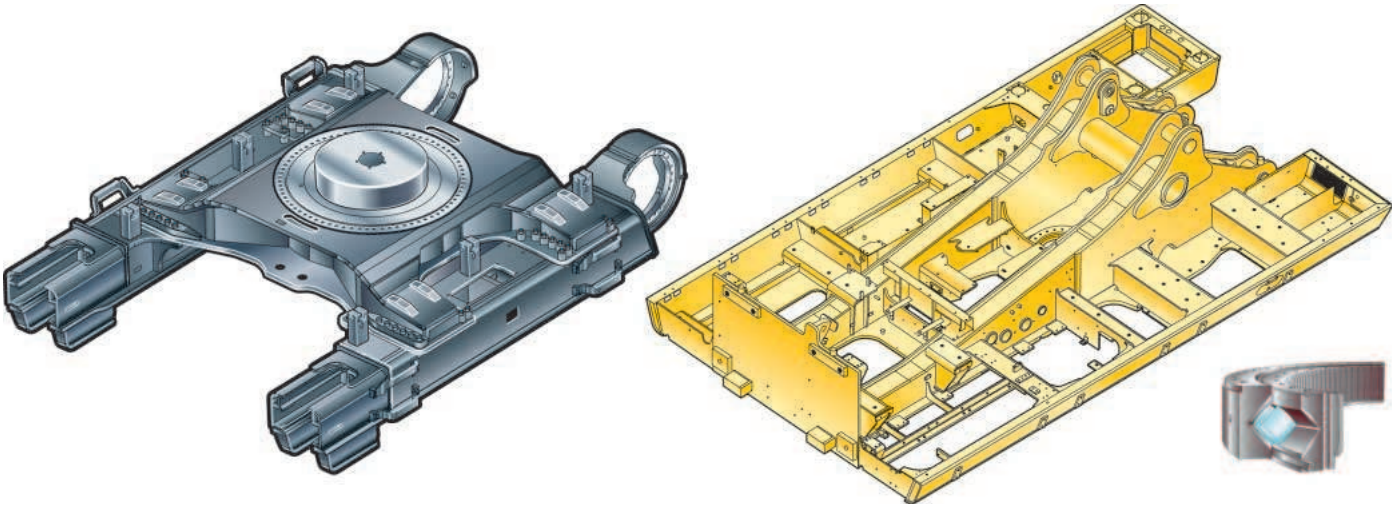
Track. The 385C L comes standard with the new grease lubricated track called GLT4. The track links are assembled and sealed with grease to decrease internal bushing wear, reduce travel noise and extend service life lowering operating costs.

Travel Motor. Two-speed axial piston hydraulic motors provide the 385C L drive power and automatic speed selection when the high-speed position is selected. This enables the machine to automatically change between computer-controlled high and low speeds depending on drawbar-pull requirements.

Final Drives. The final drives are the three-stage reduction planetary types. This design results in a complete drive/brake unit that is compact and delivers excellent performance and reliability.

Structures

The 385C L structural components are the backbone of the machine's durability.



Carbody Design. The advanced carbody design stands up to the toughest applications.

- Modified X-shaped, box-section carbody provides excellent resistance to torsional bending.
- Upper structure weight and stresses are distributed evenly across the full length of the track roller frame.
- Robot welding ensures consistent, high-quality welds throughout the manufacturing process.

Upper Frame. Rugged main frame is designed for maximum durability and efficient use of materials.

- Robot welding for consistent, high-quality welds.
- Outer frame utilizes curved side rails, which are die-formed, for excellent uniformity and strength throughout the length.
- The main channels are box sections connected by a large diameter tube in the boom foot area to improve rigidity and strength.

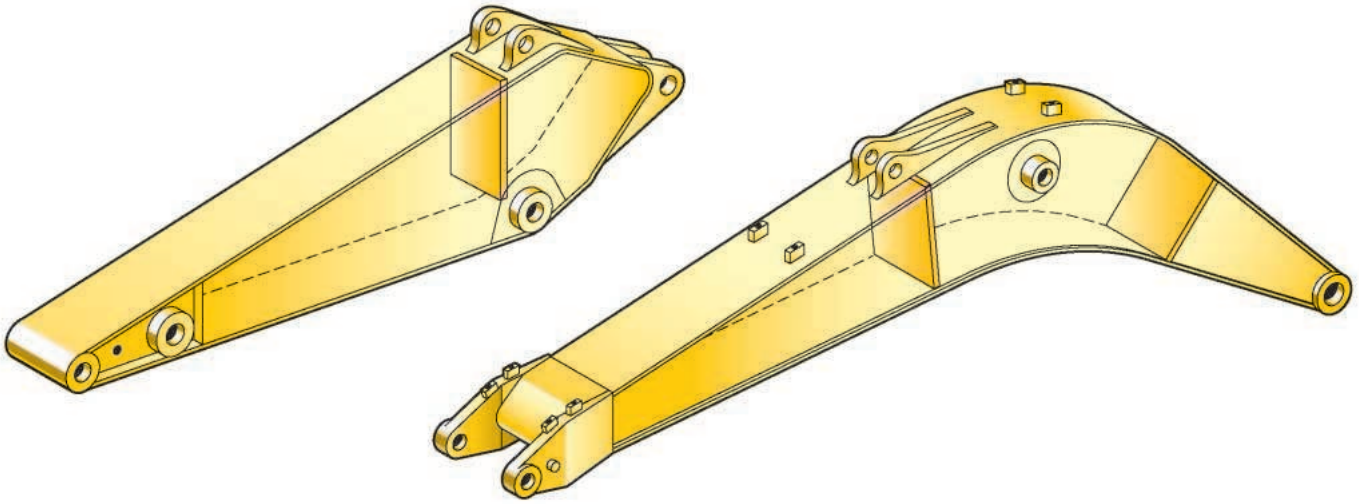
Track Roller Frames. The track roller frame is made of thick steel plate that is bent into a U-shape and welded to the bottom plate to create a box structure. The box structure design provides increased rigidity and impact resistance.

Cross-roller Bearing. The 385C L swing bearing is a cross roller type, with greater contact area than ball type bearings, for increased stability and longer life.

Variable Gauge Undercarriage. The long variable gauge undercarriage is standard. The track roller frames are bolted to the carbody, and can be placed in two positions – wide, for a stable base for operating, or a narrow gauge for reduced shipping width.

Front Linkage

Caterpillar excavator booms and sticks are built for performance and long service life. Two types of booms and six lengths of sticks are available, offering a range of configurations suitable for a wide variety of applications. All booms and sticks are stress relieved.



Front Linkage Attachments. Select the right combination of front linkage with your Cat dealer to ensure high productivity from the very start of your job. Three types of booms and six sticks are available, offering a range of configurations suitable for a wide variety of applications. The 385C L offers a large combination of reach and digging forces for optimum versatility.

Boom Construction. All 385C L booms have large cross-sections and internal baffle plates to provide higher rigidity and less stress. All booms are stress relieved for extended life.

Reach Boom. The 10.0 m (32 ft 10 in) Reach Boom is for use in deep trenching applications where long reach and depth are necessary. Two long sticks are available for this boom.

General Purpose Boom. The 8.4 m (27 ft 7 in) GP Boom has been designed to balance the reach, digging force and bucket capacity required for a wide range of applications. Four sticks are available for use with the GP boom.

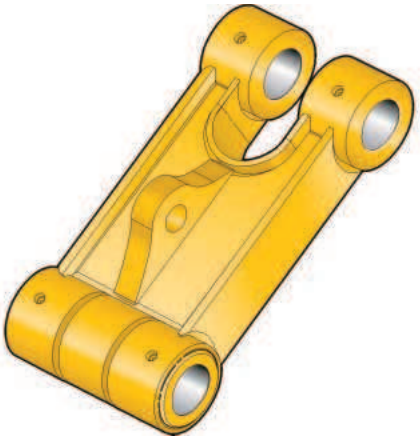
Mass Excavation Boom. The 7.25 m (23 ft 9 in) Mass Excavation Boom is most suitable for high production loading where reach and depth are less important. It allows use of the largest buckets. Two sticks are available for this boom.

Stick Construction. The 385C L sticks are made of high-tensile strength steel using a large box section design with interior baffle plates and an additional bottom guard to protect against damage. All sticks undergo a stress relieving process for greater durability.

Sticks. There are six sticks for maximum versatility in reach, digging forces, and bucket capacity requirements of various applications. Each stick is designed for use in combination with a specific boom and bucket family.

Bucket Linkage. Two bucket linkages are available for the 385C L. Both linkages are available with or without a lifting eye on the power link.

- The HB linkage is used with the longer sticks and HB family buckets.
- The JB linkage is used with shorter sticks and JB family buckets.



Power Link. The new 385C L power link improves durability, increases machine-lifting capability in key lifting positions, and is easier to use compared to the previous lift bar design.

Linkage Pins. All pins used in 385C L front linkages have thick chrome plating, giving them high wear and corrosion resistance. The large diameter pins smoothly distribute the shear and bending loads to help ensure long pin, boom and stick life.

Buckets

Extensive selection of buckets helps optimize machine performance.

Heavy Duty Rock (HDR). Heavy Duty Rock (HDR) buckets are for aggressive bucket loading in highly abrasive applications such as shot rock and granite. Differences from GP buckets are:

- More robust construction for improved life and durability
- Additional, thicker bottom wear strips for improved wear in abrasive applications
- Larger, thicker side plates for maximum protection in rocky materials
- Smaller tip radius for greater breakout force

Service and Performance. Caterpillar buckets increase service life and optimize performance.

- High strength and heat treated steel are located in high wear areas.
- Dual radius design for increased heel clearance and reduced wear.
- HB and JB-family buckets include a lift eye.
- A variety of exclusive hydraulic dedicated coupler buckets are also available.

General Purpose (GP). General Purpose (GP) buckets are for digging in soft to hard ground with low to moderate abrasive materials.

Ground Engaging Tools. Caterpillar Ground Engaging Tools (GET) include a variety of side cutters, sidebar protectors, and tip options to match operating conditions.

Service and Maintenance

Fast, easy service has been designed in with extended service intervals, advanced filtration, convenient filter access and user-friendly electronic diagnostics for increased productivity and reduced maintenance costs.

Service Intervals. Service intervals are extended to reduce maintenance costs.

- Engine oil, oil filter and fuel filters at 500 hours

Oil Sample and Pressure Ports. Oil sample and pressure ports provide easy checking of machine condition and are standard on every machine.

Hydraulic Capsule Filters. The return filters or capsule filters for the hydraulic system are located beside the hydraulic tank. The filter elements are removable without spilling hydraulic oil.

Service Points. Service points are centrally located with easy access to facilitate routine maintenance.

Pilot Hydraulic System Filter. Pilot hydraulic system filter keeps contaminants from the pilot system and is located in the pump compartment.

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

Radial Seal Cleaner. Radial seal main air cleaner with precleaner has a double-layered filter element for more efficient filtration. No tools are required to change the element.

Fuel-Water Separator. The water separator removes water from fuel, even when under pressure, and water level can be monitored in the cab.

Complete Customer Support

Cat dealer services help you operate longer with lower costs.

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.

Machine 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? Your Cat dealer can provide recommendations.

Purchase. Look past initial price. Consider the financing options available as well as day-to-day operating costs. This is also the time to look at dealer services that can be included in the cost of the machine to yield lower equipment owning and operating costs over the long run.

Customer Support Agreements. Cat dealers offer a variety of product support agreements, and work with customers to develop a plan the best meets specific needs. These plans can cover the entire machine, including attachments, to help protect the customer's investment.

Operation. Improving operating techniques can boost your profits. Your cat dealer has videotapes, literature and other ideas to help you increase productivity, and Caterpillar offers certified operator training classes to help maximize the return on your investment.

Maintenance Services. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as Scheduled Oil Sampling, Coolant 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.

SAFETY.CAT.COM™.

Engine

Engine Model	Caterpillar C18 ATAAC	
Net Flywheel Power	382 kW	513 hp
ISO 9249	382 kW	513 hp
SAE J1349	382 kW	513 hp
EEC 80/1269	382 kW	513 hp
Bore	145 mm	5.71 in
Stroke	171 mm	7.2 in
Displacement	18.1 L	1,106 in^3

- The 385C L meets worldwide Tier 3 emission requirements.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
- No engine power derating required below 2300 m (7,500 ft) altitude.

Weights

Operating Weight – Long Undercarriage	84 980 kg	187,360 lb

- General Purpose Boom, R4.4 (14'5") stick, 1678 mm (66") Bucket, and 900 mm (36") shoes.

Track

Standard w/Long Undercarriage	900 mm	36 in
Optional for Long Undercarriage	750 mm	30 in
Number of Shoes Each Side – Long Undercarriage	51	
Number of Track Rollers Each Side – Long Undercarriage	9	
Number of Carrier Rollers Each Side	3	

Swing Mechanism

Swing Speed	6.5 RPM	
Swing Torque	260 kN•m	191,914 lb ft

Drive

Maximum Travel Speed	4.4 kph	2.8 mph
Maximum Drawbar Pull – Long Undercarriage	592 kN	133,090 lb

Hydraulic System

Main System – Maximum Flow (Total)	980 L/min	259 gal/min
Swing System – Maximum Flow	450 L/min	119 gal/min
Maximum Pressure – Equipment – Normal	32 000 kPa	4,640 psi
Maximum Pressure – Equipment – Heavy Lift	35 000 kPa	5,080 psi
Maximum Pressure – Travel	35 000 kPa	5,080 psi
Maximum Pressure – Swing	26 000 kPa	3,770 psi
Pilot System – Maximum Flow	90 L/min	24 gal/min
Pilot System – Maximum Pressure	4120 kPa	600 psi
Boom Cylinder – Bore	210 mm	8.27 in
Boom Cylinder – Stroke	1967 mm	77.4 in
Stick Cylinder – Bore	220 mm	8.66 in
Stick Cylinder – Stroke	2262 mm	89.1 in
HB Family Bucket Cylinder – Bore	200 mm	7.87 in
HB Family Bucket Cylinder – Stroke	1451 mm	57.1 in
JB Family Bucket Cylinder – Bore	220 mm	8.66 in
JB Family Bucket Cylinder – Stroke	1586 mm	62.4 in

Service Refill Capacities

Fuel Tank Capacity	1240 L	327.6 gal
Cooling System	101 L	26.7 gal
Engine Oil	65 L	17.2 gal
Swing Drive (each)	19 L	5 gal
Final Drive (each)	21 L	5.6 gal
Hydraulic System (including tank)	995 L	263 gal
Hydraulic Tank	810 L	214 gal

Sound Performance

Performance	ANSI/SAE J1166 OCT98

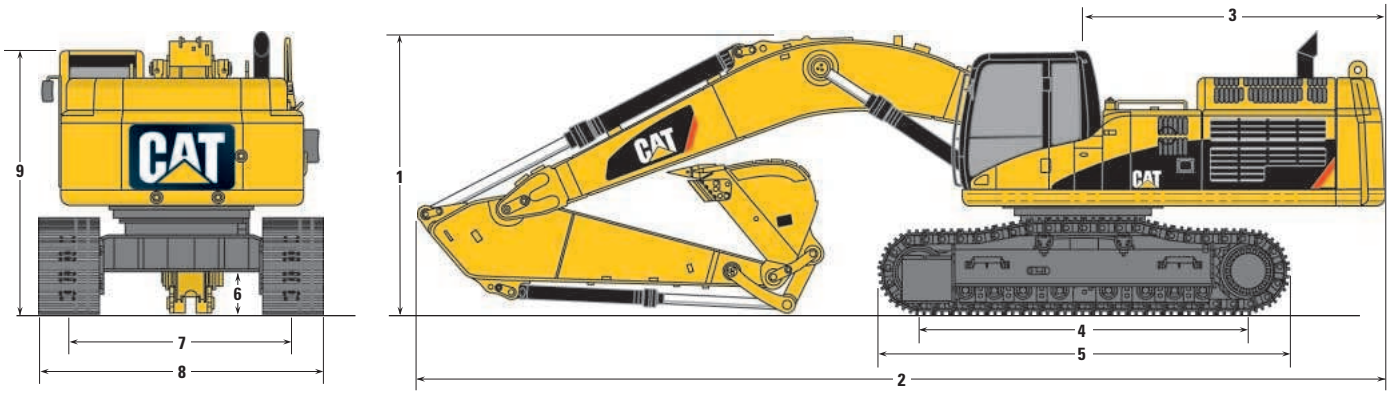
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating 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	SAE J1026 APR90
Cab/FOGS	SAE J1356 FEB88 ISO10262

Dimensions

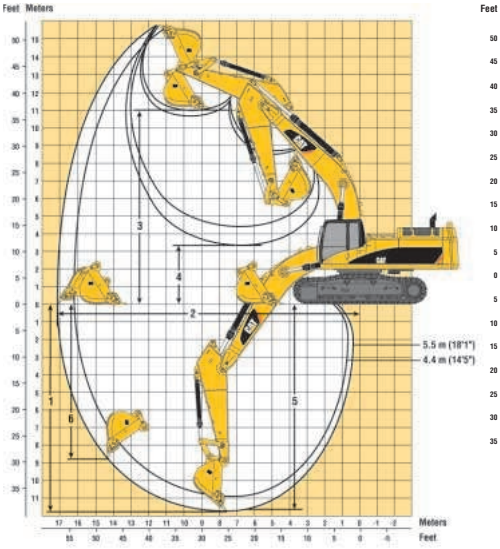
All dimensions are approximate.

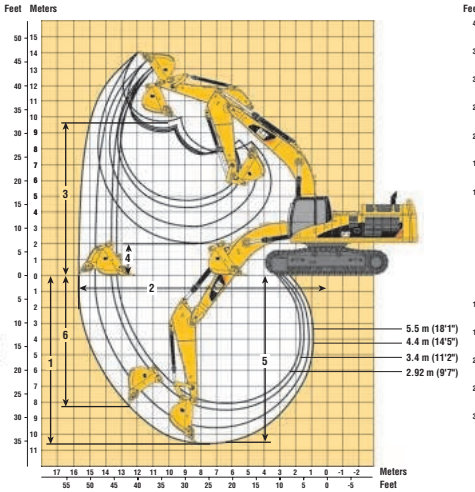


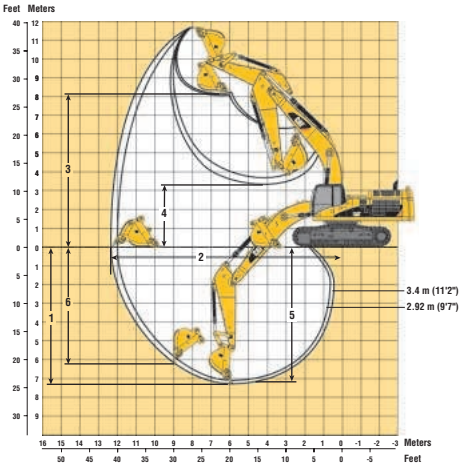
		Reach Boom 10.0 m (32'10")		General Purpose Boom 8.4 m (27'7")				Mass Boom 7.25 m (23'9")	
Stick		**5.5 m (18'1")**	**4.4 m (14'5")**	**5.5 m (18'1")**	**4.4 m (14'5")**	**3.4 m (11'2")**	**2.92 m (9'7")**	**3.4 m (11'2")**	**2.92 m (9'7")**
1	Shipping Height								
	With boom, stick and bucket	5320 mm (17'5")	4960 mm (16'3")	5870 mm (19'3")	5250 mm (17'3")	5060 mm (16'7")	4890 mm (16'1")	4970 mm (16'4")	4800 mm (15'9")
	Without stick and bucket	4020 mm (13'2")	4020 mm (13'2")	3760 mm (12'4")	3760 mm (12'4")	3760 mm (12'4")	3760 mm (12'4")	3870 mm (12'8")	3870 mm (12'8")
2	Shipping Length								
	With boom, stick and bucket	16 230 mm (53'3")	16 290 mm (53'5")	14 420 mm (47'4")	14 660 mm (48'1")	14 220 mm (46'8")	14 750 mm (48'5")	13 520 mm (44'4")	13 510 mm (44'4")
	Without stick and bucket	14 620 mm (48'0")	14 620 mm (48'0")	12 950 mm (42'6")	12 950 mm (42'6")	12 950 mm (42'6")	12 950 mm (42'6")	11 750 mm (38'7")	11 750 mm (38'7")
3	Tail Swing Radius	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")	4590 mm (15'1")
4	Length to Center of Rollers*	5120 mm (16'10")	5120 mm (16'10")	5120 mm (16'10")	5120 mm (16'10")	5120 mm (16'10")	5120 mm (16'10")	5120 mm (16'10")	5120 mm (16'10")
5	Track Length*	6360 mm (20'10")	6360 mm (20'10")	6360 mm (20'10")	6360 mm (20'10")	6360 mm (20'10")	6360 mm (20'10")	6360 mm (20'10")	6360 mm (20'10")
6	Ground Clearance	850 mm (33.5")	850 mm (33.5")	850 mm (33.5")	850 mm (33.5")	850 mm (33.5")	850 mm (33.5")	850 mm (33.5")	850 mm (33.5")
7	Track Gauge (Shipping)**								
	For 750 mm (30") shoes	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")
	For 900 mm (36") shoes	2940 mm (9'8")	2940 mm (9'8")	2940 mm (9'8")	2940 mm (9'8")	2940 mm (9'8")	2940 mm (9'8")	2940 mm (9'8")	2940 mm (9'8")
8	Transport Width								
	For 750 mm (30") shoes	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")	3500 mm (11'6")
	For 900 mm (36") shoes	3840 mm (12'7")	3840 mm (12'7")	3840 mm (12'7")	3840 mm (12'7")	3840 mm (12'7")	3840 mm (12'7")	3840 mm (12'7")	3840 mm (12'7")
9	Cab Height	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")

* Long Undercarriage
** Track Gauge in extended (working) position: 3510 mm (11'6")

Working Ranges







		Reach Boom 10.0 m (32'10")		General Purpose Boom 8.4 m (27'7")			Mass Boom 7.25 m (23'9")		
Stick		**5.5 m (18'1")**	**4.4 m (14'5")**	**5.5 m (18'1")**	**4.4 m (14'5")**	**3.4 m (11'2")**	**2.92 m (9'7")**	**3.4 m (11'2")**	**2.92 m (9'7")**
Bucket		**GP 2.9 m³ 3.88 yd³**	**GP 2.9 m³ 3.88 yd³**	**GP 3.8 m³ 5.00 yd³**	**GP 3.8 m³ 5.00 yd³**	**HDR 4.6 m³ 6.00 yd³**	**HDR 4.6 m³ 6.00 yd³**	**GP 5.4 m³ 7.25 yd³**	**GP 5.4 m³ 7.25 yd³**
1	Maximum Digging Depth	11 750 mm (38'7")	10 650 mm (34'11")	10 700 mm (35'1")	9600 mm (31'6")	8480 mm (27'10")	8000 mm (26'3")	7490 mm (24'7")	7020 mm (23'0")
2	Maximum Reach at Ground Level	17 200 mm (56'5")	16 180 mm (53'1")	15 680 mm (51'5")	14 630 mm (48'0")	13 690 mm (44'11")	13 260 mm (43'6")	12 530 mm (41'1")	12 110 mm (39'9")
3	Maximum Loading Height	11 000 mm (36'1")	10 580 mm (34'9")	9780 mm (32'1")	9320 mm (30'7")	9300 mm (30'6")	9120 mm (29'11")	8350 mm (27'5")	8180 mm (26'10")
4	Minimum Loading Height	3370 mm (11'1")	4470 mm (14'8")	2000 mm (6'7")	3100 mm (10'2")	4230 mm (13'11")	4700 mm (15'5")	3350 mm (11'0")	3830 mm (12'7")
5	Maximum Depth Cut for 2240 mm (8') Level Bottom	11 660 mm (38'3")	10 540 mm (34'7")	10 610 mm (34'10")	9490 mm (31'2")	8340 mm (27'4")	7850 mm (25'9")	7360 mm (24'2")	6880 mm (22'7")
6	Maximum Vertical Wall Digging Depth	7800 mm (25'7")	8760 mm (28'9")	7600 mm (24'11")	8280 mm (27'2")	7410 mm (24'4")	7060 mm (23'2")	6340 mm (20'10")	6020 mm (19'9")
Bucket Digging Force (SAE)		288 kN (64,700 lb)	287 kN (64,530 lb)	288 kN (64,770 lb)	287 kN (64,530 lb)	401 kN (90,180 lb)	401 kN (90,180 lb)	382 kN (85,960 lb)	382 kN (85,870 lb)
(ISO)		324 kN (72,930 lb)	323 kN (72,660 lb)	324 kN (72,930 lb)	323 kN (72,660 lb)	461 kN (103,570 lb)	460 kN (103,460 lb)	437 kN (98,140 lb)	436 kN (98,040 lb)
Stick Digging Force (SAE)		206 kN (46,400 lb)	246 kN (55,350 lb)	206 kN (46,400 lb)	246 kN (55,350 lb)	297 kN (66,800 lb)	320 kN (71,870 lb)	292 kN (65,540 lb)	313 kN (70,390 lb)
(ISO)		212 kN (47,610 lb)	254 kN (57,020 lb)	212 kN (47,610 lb)	254 kN (57,020 lb)	308 kN (69,190 lb)	332 kN (74,720 lb)	302 kN (67,870 lb)	325 kN (73,160 lb)

Operating Weight* and Ground Pressure

Configuration	Track							
	900 mm (36") Shoes				750 mm (30") Shoes			
	Operating Weight		Ground Pressure		Operating Weight		Ground Pressure	
	kg	lb	kPa	psi	kg	lb	kPa	psi
10.0 m (32'10") reach boom 1374 mm (54") GP bucket								
R5.5 m (18'1") stick	86 380	190,430	84.8	12.3	85 230	187,890	100.4	14.6
R4.4 m (14'5") stick	86 060	189,740	84.5	12.2	84 910	187,200	100.0	14.5
8.4 m (27'7") general purpose boom 1678 mm (66") GP bucket								
R5.5 m (18'1") stick	85 290	188,040	83.7	12.1	84 140	185,500	99.1	14.4
R4.4 m (14'5") stick	84 980	187,360	83.4	12.1	83 830	184,820	98.7	14.3
8.4 m (27'7") general purpose boom 2260 mm (89") GP bucket								
G3.4 m (11'2") stick	87 840	193,660	86.2	12.5	86 690	191,120	102.1	14.8
G2.92 m (9'7")	87 680	193,300	86.0	12.5	86 530	190,760	101.9	14.8
7.25 m (23'9") mass boom 2260 mm (89") GP bucket								
M3.4 m (11'2") stick	88 090	194,200	86.4	12.5	86 940	191,660	102.4	14.8
M2.92 m (9'7")	87 950	193,910	86.3	12.5	86 800	191,370	102.2	14.8

* Operating weight includes full fuel tank and 75 kg (165 lb) operator

Major Component Weights

	kg	lb
Base machine with counterweight and 900 mm (36") shoes (without front linkage)	67 150	148,000
Two boom cylinders	1656	3700
Counterweight	11 600	25,600
Counterweight Removal Device	734	1600
Boom (includes lines, pins and stick cylinder)		
Reach boom 10.0 m (32'10")	9550	21,100
General Purpose 8.4 m (27'7")	8140	17,900
Mass boom 7.25 m (23'9")	8220	18,100
Stick (includes lines, pins, bucket cylinder and linkage)		
R5.5HB (18'1")	5050	11,100
R4.4HB (14'5")	4740	10,400
G3.4JB (11'2")	4510	9900
G2.92JB (9'7")	4360	9600
M3.4JB (11'2")	5180	11,400
M2.92JB (9'7")	5050	11,100
Track roller frame [includes frame, rollers, idlers, steps, guards, final drive, 900 mm (36") shoes] – each	13 240	29,200

385C L Bucket Specifications and Compatibility

	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth	Reach Boom Stick		GP Boom Stick	
	m^3	yd^3	mm	in	mm	in	kg	lb	Qty	R5.5HB	R4.4HB	R5.5HB	R4.4HB
HB Buckets													
General Purpose	2.1	2.75	1070	42	2372	93.4	2364	5207	3	●	●	●	●
	2.9	3.88	1374	54	2372	93.4	2761	6081	4	○	◒	●	●
	3.8	5.00	1678	66	2372	93.4	3085	6795	4	◒	◑	◒	●
	4.6	6.00	1982	78	2372	93.4	3500	7709	5	◓	◒	◑	○
Heavy Duty Rock	2.0	2.63	1070	42	2288	90.1	2551	5619	3	●	●	●	●
	2.7	3.63	1374	54	2288	90.1	3075	6773	4	○	◒	●	●
	3.5	4.63	1678	66	2288	90.1	3365	7412	4	◒	◑	◒	●
	4.3	5.63	1982	78	2288	90.1	3887	8562	5	◓	◒	◑	○

	Capacity*		Width		Tip Radius		Weight w/o tips		Teeth	GP Boom Stick		Mass Boom Stick	
	m^3	yd^3	mm	in	mm	in	kg	lb	Qty	G3.4JB	G2.9JB	M3.4JB	M2.9JB
JB Buckets													
General Purpose	5.4	7.25	2260	89	2350	92.5	5754	12,674	6	◑	◑	◒	●
	5.8	7.75	2390	94	2350	92.5	5893	12,980	6	◑	◑	◒	◒
Heavy Duty Rock	4.5	6.00	2260	89	2240	88.2	5458	12,022	6	○	◒	●	●
Heavy Duty Rock V-edge	4.7	6.25	2260	89	2377	93.6	5651	12,447	6	○	○	●	●

Assumptions for maximum material density rating
1. Front linkage fully extended at ground line
2. Bucket curled
3. 100% bucket fill factor

* Capacities based on SAE J296. Some calculations of capacity fall on borderlines. Rounding may allow two buckets to have the same English rating but different metric ratings.

- ● 2100 kg/m^3 (3500 lb/yd^3) max material density
- ◒ 1800 kg/m^3 (3000 lb/yd^3) max material density
- ○ 1500 kg/m^3 (2500 lb/yd^3) max material density
- ◑ 1200 kg/m^3 (2000 lb/yd^3) max material density
- ◒ 900 kg/m^3 (1500 lb/yd^3) max material density
- ◓ Not recommended

Reach Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

BOOM – 10 m (32'10")
STICK – 5500 mm (18'1")

BUCKET – 1374 mm (54") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft				
																		m ft
13.5 m **45.0 ft**	kg **lb**															*5200 ***11,600**	*5200 ***11,600**	13.10 **42.30**
12.0 m **40.0 ft**	kg **lb**									*8040 ***15,600**	*8040 ***15,600**					*4920 ***10,900**	*4920 ***10,900**	14.31 **46.51**
10.5 m **35.0 ft**	kg **lb**									*9730 ***20,650**	*9730 ***20,650**					*4780 ***10,550**	*4780 ***10,550**	15.24 **49.70**
9.0 m **30.0 ft**	kg **lb**									*10 250 ***22,350**	*10 250 **22,100**	*8830 ***17,750**	7780 **16,450**			*4740 ***10,450**	*4740 ***10,450**	15.94 **52.10**
7.5 m **25.0 ft**	kg **lb**							*11 760 ***25,500**	*11 760 ***25,500**	*10 710 ***23,250**	10 060 **21,500**	*9900 ***21,600**	7650 **16,250**			*4780 ***10,500**	*4780 ***10,500**	16.44 **53.82**
6.0 m **20.0 ft**	kg **lb**					*14 560 ***31,450**	*14 560 ***31,450**	*12 670 ***27,400**	12 600 **27,050**	*11 300 ***24,500**	9650 **20,650**	*10 260 ***22,300**	7410 **15,750**	*7680	5600	*4890 ***10,750**	4420 **9800**	16.76 **54.95**
4.5 m **15.0 ft**	kg **lb**	*25 610 ***54,950**	*25 610 ***54,950**	*19 640 ***42,300**	*19 640 ***42,300**	*16 050 ***34,650**	15 600 **33,600**	*13 660 ***29,550**	11 870 **25,500**	*11 950 ***25,900**	9170 **19,600**	*10 670 ***23,150**	7100 **15,100**	*9250 ***17,750**	5440 **11,500**	*5080 ***11,200**	4140 **9150**	16.93 **55.53**
3.0 m **10.0 ft**	kg **lb**	*25 180 ***62,560**	*25 180 **58,250**	*21 800 ***47,000**	19 300 **42,650**	*17 460 ***37,700**	14 460 **31,150**	*14 610 ***31,550**	11 120 **23,900**	*12 590 ***27,250**	8670 **18,550**	*11 070 ***23,950**	6780 **14,350**	9210 **19,650**	5250 **11,100**	*5360 ***11,800**	3980 **8800**	16.94 **55.58**
1.5 m **5.0 ft**	kg **lb**	*16 020 ***38,400**	*16 020 ***38,400**	*23 390 ***50,500**	17 790 **38,350**	*18 600 ***40,200**	13 460 **28,950**	*15 400 ***33,300**	10 440 **22,400**	*13 120 ***28,400**	8200 **17,550**	11 030 **23,650**	6460 **13,750**	9010 **19,250**	5060 **10,700**	*5730 ***12,600**	3950 **8700**	16.80 **55.11**
Ground Line	kg **lb**	*15 580 ***36,500**	*15 580 ***36,500**	*24 240 ***52,400**	16 740 **36,050**	*19 330 ***41,800**	12 680 **27,250**	*15 940 ***34,450**	9870 **21,200**	13 190 **28,300**	7800 **16,700**	10 750 **23,000**	6190 **13,200**	8840 **18,900**	4900 **10,400**	*6220 ***13,700**	4040 **8900**	16.49 **54.11**
–1.5 m **–5.0 ft**	kg **lb**	*18 110 ***41,900**	*18 110 ***41,900**	*24 360 ***52,700**	16 120 **34,650**	*19 580 ***42,350**	12 140 **26,100**	16 010 **34,400**	9460 **20,300**	12 870 **27,600**	7500 **16,050**	10 530 **22,600**	5990 **12,800**			*6870 ***15,200**	4270 **9450**	16.02 **52.53**
–3.0 m **–10.0 ft**	kg **lb**	*22 380 ***51,500**	*22 380 **48,850**	*23 800 ***51,500**	15 830 **34,050**	*19 310 ***41,700**	11 850 **25,450**	15 740 **33,800**	9210 **19,750**	12 670 **27,200**	7310 **15,650**	10 420 **22,350**	5890 **12,600**			*7760 ***17,150**	4690 **10,400**	15.36 **50.33**
–4.5 m **–15.0 ft**	kg **lb**	*28 020 ***60,650**	22 920 **49,200**	*22 580 ***48,800**	15 820 **34,000**	*18 470 ***39,850**	11 760 **25,300**	*15 270 ***32,850**	9130 **19,600**	12 630 **27,100**	7270 **15,600**	*10 200 ***21,450**	5910 **12,700**			*8160 ***17,950**	5370 **11,900**	14.50 **47.40**
–6.0 m **–20.0 ft**	kg **lb**	*25 250 ***54,500**	23 350 **50,150**	*20 620 ***44,400**	16 030 **34,450**	*16 960 ***36,400**	11 880 **25,550**	*13 940 ***29,800**	9220 **19,850**	*11 230 ***23,700**	7390 **15,900**					*7620 ***16,700**	6460 **14,450**	13.37 **43.59**

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

BOOM – 10 m (32'10")
STICK – 4400 mm (14'5")

BUCKET – 1374 mm (54") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				
																		m ft
13.5 m **45.0 ft**	kg **lb**															*7050 ***15,700**	*7050 ***15,700**	11.69 **37.57**
12.0 m **40.0 ft**	kg **lb**									*11 670 ***23,650**	*11 670 ***23,650**					*6670 ***14,800**	*6670 ***14,800**	13.07 **42.36**
10.5 m **35.0 ft**	kg **lb**									*11 890 ***25,950**	*11 890 ***25,950**	*10 330 ***19,650**	9920 ***19,650**			*6490 ***14,350**	*6490 ***14,350**	14.09 **45.90**
9.0 m **30.0 ft**	kg **lb**									*12 300 ***26,750**	*12 300 ***26,750**	*11 360 ***24,800**	9920 **21,100**			*6430 ***14,200**	6370 ***14,200**	14.85 **48.52**
7.5 m **25.0 ft**	kg **lb**							*14 700 ***31,800**	*14 700 ***31,800**	*12 980 ***28,150**	12 750 **27,350**	*11 730 ***25,500**	9690 **20,650**	*10 490 ***19,400**	7300 **15,400**	*6480 ***14,300**	5640 **12,550**	15.39 **50.39**
6.0 m **20.0 ft**	kg **lb**			*24 820 ***53,150**	*24 820 ***53,150**	*19 340 ***41,600**	*19 340 ***41,600**	*16 030 ***34,600**	*16 030 **34,550**	*13 820 ***29,900**	12 150 **26,100**	*12 240 ***26,550**	9340 **19,950**	*11 080 ***24,050**	7150 **15,150**	*6630 ***14,600**	5150 **11,400**	15.75 **51.60**
4.5 m **15.0 ft**	kg **lb**			*27 080 ***61,600**	*27 080 **60,350**	*21 550 ***46,400**	20 010 **43,250**	*17 410 ***37,550**	14 970 **32,250**	*14 700 ***31,800**	11 480 **24,650**	*12 800 ***27,700**	8920 **19,100**	*11 380 ***24,600**	6920 **14,700**	*6880 ***15,150**	4830 **10,700**	15.92 **52.23**
3.0 m **10.0 ft**	kg **lb**					*23 350 ***50,350**	18 370 **39,650**	*18 610 ***40,200**	13 950 **30,050**	*15 510 ***33,500**	10 820 **23,250**	*13 310 ***28,800**	8480 **18,150**	11 230 **24,050**	6660 **14,200**	*7230 ***15,900**	4670 **10,300**	15.93 **52.28**
1.5 m **5.0 ft**	kg **lb**					*24 410 ***52,750**	17 160 **37,000**	*19 460 ***42,050**	13 100 **28,200**	*16 110 ***34,800**	10 240 **22,000**	13 490 **28,950**	8090 **17,350**	10 970 **23,500**	6410 **13,650**	*7710 ***17,000**	4660 **10,250**	15.78 **51.78**
Ground Line	kg **lb**			*12 660 ***29,950**	*12 660 ***29,950**	*24 670 ***53,400**	16 440 **35,400**	*19 840 ***42,900**	12 500 **26,900**	16 350 **35,150**	9790 **21,000**	13 160 **28,250**	7780 **16,650**	10 760 **23,100**	6220 **13,300**	*8350 ***18,400**	4800 **10,600**	15.45 **50.69**
–1.5 m **–5.0 ft**	kg **lb**			*17 640 ***40,950**	*17 640 ***40,950**	*24 210 ***52,450**	16 100 **34,650**	*19 710 ***42,600**	12 150 **26,100**	16 040 **34,450**	9500 **20,400**	12 940 **27,800**	7570 **16,250**	10 650 **22,850**	6110 **13,050**	9080 **20,050**	5130 **11,300**	14.94 **48.99**
–3.0 m **–10.0 ft**	kg **lb**	*14 820 ***33,850**	*14 820 ***33,850**	*24 180 ***55,750**	23 160 **49,700**	*23 110 ***50,050**	16 050 **34,500**	*19 020 ***41,100**	12 010 **25,800**	*15 780 ***34,050**	9370 **20,150**	12 850 **27,650**	7500 **16,100**			*9090 ***20,000**	5700 **12,600**	14.29 **46.60**
–4.5 m **–15.0 ft**	kg **lb**	*21 960 ***50,000**	*21 960 ***50,000**	*25 660 ***55,600**	23 560 **50,600**	*21 340 ***46,100**	16 220 **34,850**	*17 700 ***38,150**	12 080 **25,950**	*14 640 ***31,400**	9420 **20,250**	*11 560 ***25,150**	7580 **16,300**			*8580 ***18,850**	6640 **14,750**	13.27 **43.38**
–6.0 m **–20.0 ft**	kg **lb**	*25 980 ***56,150**	*25 980 ***56,150**	*22 280 ***48,050**	*22 280 ***48,050**	*18 750 ***40,300**	16 600 **35,750**	*15 560 ***33,300**	12 350 **26,600**	*12 610 ***26,650**	9660 **20,850**							

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

General Purpose Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

BOOM – 8.4 m (27'7")
STICK – 5500 mm (18'1")

BUCKET – 1678 mm (66") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				
																		m ft
12.0 m **40.0 ft**	kg **lb**									*5670	*5670					*4010 ***8950**	*4010 ***8950**	12.41 **40.19**
10.5 m **35.0 ft**	kg **lb**									***18,250**	***18,250**					*3740 ***8300**	*3740 ***8300**	13.50 **43.96**
9.0 m **30.0 ft**	kg **lb**									***21,500**	***21,500**	*7520 ***14,650**	*7520 ***14,650**			*3620 ***8000**	*3620 ***8000**	14.30 **46.71**
7.5 m **25.0 ft**	kg **lb**									*11 090 ***24,000**	*11 090 ***24,000**	*9430 ***19,600**	*9430 ***19,600**			*3590 ***7900**	*3590 ***7900**	14.87 **48.67**
6.0 m **20.0 ft**	kg **lb**									*12 690 ***27,450**	*12 690 ***27,450**	*10 980 ***23,200**	9980 **21,250**	*6250	*6250	*3660 ***8050**	*3660 ***8050**	15.24 **49.95**
4.5 m **15.0 ft**	kg **lb**					*18 880 ***40,750**	*18 880 ***40,750**	*16 170 ***35,000**	*16 170 ***35,000**	*14 300 ***31,000**	12 640 **27,100**	*12 710 ***26,900**	9670 **20,650**	*8090 ***15,150**	7410 ***15,150**	*3800 ***8350**	*3800 ***8350**	15.43 **50.60**
3.0 m **10.0 ft**	kg **lb**			*27 750 ***59,750**	*27 750 ***59,750**	*21 620 ***46,650**	21 610 **46,500**	*17 890 ***38,700**	15 890 **34,150**	*15 400 ***33,400**	12 070 **25,900**	*13 610 ***29,550**	9320 **19,500**	*9300 ***17,850**	7220 **15,350**	*4040 ***8900**	*4040 ***8900**	15.44 **50.64**
1.5 m **5.0 ft**	kg **lb**			*31 450 ***67,900**	28 810 **62,000**	*23 980 ***51,800**	20 230 **43,550**	*19 440 ***42,050**	15 030 **32,300**	*16 410 ***35,550**	11 520 **24,700**	*14 220 ***30,800**	8970 **19,150**	*9910 ***18,750**	7010 **14,950**	*4380 ***9650**	*4380 ***9650**	15.28 **50.13**
Ground Line	kg **lb**	*17 030 ***39,250**	*17 030 ***39,250**	*33 660 ***72,750**	27 160 **58,400**	*25 630 ***55,400**	19 150 **41,150**	*20 580 ***44,500**	14 310 **30,750**	*17 150 ***37,100**	11 040 **23,650**	14 050 **30,150**	8660 **18,500**	*9450 ***16,750**	6840 **14,600**	*4850 ***10,700**	*4850 ***10,700**	14.94 **49.01**
–1.5 m **–5.0 ft**	kg **lb**	*19 830 ***45,250**	*19 830 ***45,250**	*34 350 ***74,350**	26 210 **56,300**	*26 390 ***57,100**	18 410 **39,550**	*21 160 ***45,750**	13 780 **29,600**	17 260 **37,050**	10 670 **22,900**	13 610 **29,600**	8420 **18,050**			*5500 ***12,150**	*5500 ***12,150**	14.41 **47.23**
–3.0 m **–10.0 ft**	kg **lb**	*24 720 ***56,300**	*24 720 ***56,300**	*33 690 ***72,900**	25 780 **55,350**	*26 200 ***56,650**	18 010 **38,700**	*21 050 ***45,450**	13 470 **28,900**	17 020 **36,550**	10 450 **22,450**	13 680 **29,400**	8310 **17,800**			*6410 ***14,200**	*6410 ***14,200**	13.66 **44.72**
–4.5 m **–15.0 ft**	kg **lb**	*31 510 ***71,850**	*31 510 ***71,850**	*31 750 ***68,600**	25 770 **55,350**	*24 960 ***53,850**	17 910 **38,500**	*20 060 ***43,150**	13 370 **28,750**	*16 210 ***34,700**	10 410 **22,350**	*11 510	8380			*7770 ***17,300**	*7770 ***17,300**	12.65 **41.33**
–6.0 m **–20.0 ft**	kg **lb**	*36 700 ***79,000**	*36 700 ***79,000**	*28 350 ***60,950**	26 100 **56,100**	*22 450 ***48,150**	18 090 **38,950**	*17 860 ***38,050**	13 520 **29,100**	*13 760 ***28,700**	10 610 **22,900**					*8670 ***18,750**	*8670 ***18,750**	11.30 **36.76**
–7.5 m **–25.0 ft**	kg **lb**	*29 250 ***62,150**	*29 250 ***62,150**	*22 990 ***48,750**	*22 990 ***48,750**	*18 060 ***38,000**	*18 060 ***38,000**	*13 540 ***27,650**	*13 540 ***27,650**									

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

BOOM – 8.4 m (27'7")
STICK – 4400 mm (14'5")

BUCKET – 1678 mm (66") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft				
																		m ft
12.0 m **40.0 ft**	kg **lb**															*5700 ***12,700**	*5700 ***12,700**	11.04 **35.59**
10.5 m **35.0 ft**	kg **lb**															*5330 ***11,800**	*5330 ***11,800**	12.28 **39.90**
9.0 m **30.0 ft**	kg **lb**											*11 710 ***24,000**	*11 710 ***24,000**			*5170 ***11,400**	*5170 ***11,400**	13.17 **42.98**
7.5 m **25.0 ft**	kg **lb**									*15 090 ***32,800**	*15 090 ***32,800**	*13 970 ***29,750**	13 050 **27,900**	*8320	*8320	*5140 ***11,300**	*5140 ***11,300**	13.80 **45.14**
6.0 m **20.0 ft**	kg **lb**									*16 380 ***35,500**	*16 380 ***35,500**	*14 720 ***32,000**	12 730 **27,250**	*11 740 ***23,150**	9630 **20,500**	*5220 ***11,500**	*5220 ***11,500**	14.20 **46.52**
4.5 m **15.0 ft**	kg **lb**					*26 880 ***57,800**	*26 880 ***57,800**	*21 290 ***45,950**	*21 290 ***45,950**	*17 900 ***38,750**	16 240 **34,900**	*15 630 ***33,900**	12 290 **26,350**	*14 010 ***28,900**	9410 **20,100**	*5410 ***11,900**	*5410 ***11,900**	14.40 **47.23**
3.0 m **10.0 ft**	kg **lb**					*30 920 ***66,600**	29 610 **63,850**	*23 700 ***51,150**	20 810 **44,800**	*19 400 ***41,950**	15 440 **33,200**	*16 550 ***35,850**	11 800 **25,300**	*14 500 **31,200**	9140 **19,500**	*5720 ***12,600**	*5720 ***12,600**	14.41 **47.29**
1.5 m **5.0 ft**	kg **lb**					*33 600 ***72,550**	27 700 **59,650**	*25 550 ***55,200**	19 650 **42,300**	*20 620 ***44,600**	14 710 **31,600**	*17 300 ***37,450**	11 340 **24,300**	14 260 **30,600**	8870 **18,950**	*6170 ***13,600**	*6170 ***13,600**	14.24 **46.73**
Ground Line	kg **lb**			*14 670 ***33,850**	*14 670 ***33,850**	*34 600 ***74,900**	26 570 **57,150**	*26 560 ***57,450**	18 810 **40,450**	*21 350 ***46,200**	14 140 **30,400**	17 550 **37,700**	10 960 **23,500**	14 030 **30,100**	8650 **18,500**	*6790 ***15,000**	6690 **14,750**	13.87 **45.50**
–1.5 m **–5.0 ft**	kg **lb**	*11 810 ***26,650**	*11 810 ***26,650**	*20 330 ***46,400**	*20 330 ***46,400**	*34 160 ***74,000**	26 060 **56,000**	*26 620 ***57,600**	18 330 **39,400**	*21 450 ***46,300**	13 770 **29,600**	17 290 **37,150**	10 720 **23,000**	13 900 ***29,450**	8530 **18,300**	*7670 ***16,950**	7230 **15,950**	13.29 **43.56**
–3.0 m **–10.0 ft**	kg **lb**	*18 720 ***42,200**	*18 720 ***42,200**	*27 790 ***63,300**	*27 790 ***63,300**	*32 470 ***70,300**	25 990 **55,800**	*25 660 ***55,450**	18 150 **39,050**	*20 700 ***44,650**	13 620 **29,250**	16 790 ***36,000**	10 630 **22,850**			*8940 ***19,850**	8180 **18,150**	12.46 **40.78**
–4.5 m **–15.0 ft**	kg **lb**	*26 600 ***60,100**	*26 600 ***60,100**	*37 420 ***80,950**	*37 420 ***80,950**	*29 450 ***63,600**	26 250 **56,400**	*23 530 ***50,650**	18 260 **39,300**	*18 860 ***40,400**	13 690 **29,450**	14 630 ***30,750**	10 770 **23,200**			*9040 ***19,650**	*9040 ***19,650**	11.33 **36.95**
–6.0 m **–20.0 ft**	kg **lb**	*36 470 ***82,750**	*36 470 ***82,750**	*30 830 ***66,150**	*30 830 ***66,150**	*24 750 ***53,000**	*24 750 ***53,000**	*19 750 ***42,050**	18 670 **40,200**	*15 160 ***31,600**	14 070 **30,350**							
–7.5 m **–25.0 ft**	kg **lb**					*17 340 ***35,950**	*17 340 ***35,950**	*12 910 ***25,700**	*12 910 ***25,700**									

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

General Purpose Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

BOOM – 8.4 m (27'7")
STICK – 3400 mm (11'2")

BUCKET – 2260 mm (89") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft				
																		m ft
12.0 m **40.0 ft**	kg **lb**															*5580 **12,550**	*5580 **12,550**	9.93 **31.85**
10.5 m **35.0 ft**	kg **lb**									*12 750	*12 750					*4990 **11,100**	*4990 **11,100**	11.31 **36.68**
9.0 m **30.0 ft**	kg **lb**									*13 910 **30,300**	*13 910 **30,300**					*4700 **10,400**	*4700 **10,400**	12.28 **40.03**
7.5 m **25.0 ft**	kg **lb**									*14 700 **31,850**	*14 700 **31,850**	*13 210 **28,750**	10 930 **23,150**			*4590 **10,150**	*4590 **10,150**	12.95 **42.33**
6.0 m **20.0 ft**	kg **lb**					*23 670 **50,800**	*23 670 **50,800**	*18 860 **40,650**	*18 860 **40,650**	*15 860 **34,300**	15 000 **32,100**	*13 820 **29,950**	10 740 **22,850**			*4630 **10,200**	*4630 **10,200**	13.37 **43.80**
4.5 m **15.0 ft**	kg **lb**					*27 490 **59,050**	*27 490 **59,050**	*21 020 **45,300**	19 860 **42,750**	*17 150 **37,050**	14 230 **30,500**	*14 560 **31,500**	10 360 **22,050**	*11 900 **19,800**	7400 **15,600**	*4800 **10,550**	*4800 **10,550**	13.58 **44.53**
3.0 m **10.0 ft**	kg **lb**					*30 490 **65,650**	26 220 **56,600**	*22 900 **49,400**	18 420 **39,650**	*18 330 **39,600**	13 420 **28,800**	*15 260 **32,950**	9910 **21,150**	12 670 **26,000**	7230 **15,250**	*5110 **11,250**	5000 **11,050**	13.58 **44.57**
1.5 m **5.0 ft**	kg **lb**					*27,420 **66,850**	24 450 **52,650**	*24 110 **52,050**	17 280 **37,150**	*19 160 **41,350**	12 710 **27,250**	*15 720 **33,950**	9500 **20,300**	12 470 **26,250**	7050 **14,900**	*5580 **12,300**	5090 **11,210**	13.39 **43.93**
Ground Line	kg **lb**					*29 590 **68,550**	23 670 **50,850**	*24 440 **52,850**	16 560 **35,600**	*19 440 **42,000**	12 210 **26,200**	*15 790 **33,900**	9190 **19,650**			*6260 **13,800**	5460 **12,050**	12.98 **42.58**
–1.5 m **–5.0 ft**	kg **lb**			*17 180 **39,550**	*17 180 **39,550**	*30 270 **65,650**	23 530 **50,500**	*23 840 **51,550**	16 260 **34,900**	*19 030 **41,050**	11 960 **25,650**	*15 220 **32,600**	9050 **19,350**			*7240 **16,000**	6210 **13,750**	12.34 **40.44**
–3.0 m **–10.0 ft**	kg **lb**	*18 410 **41,700**	*18 410 **41,700**	*27 750 **63,550**	*27 750 **63,550**	*27 820 **60,250**	23 840 **51,150**	*22 220 **47,950**	16 320 **35,050**	*17 680 **37,950**	11 980 **25,700**	*13 530 **28,450**	9140 **19,650**			*8690 **19,200**	7550 **16,800**	11.42 **37.36**
–4.5 m **–15.0 ft**	kg **lb**	*29 110 **66,000**	*29 110 **66,000**	*29 260 **63,300**	*29 260 **63,300**	*24 030 **51,800**	*24 030 **51,800**	*19 280 **41,300**	16 720 **35,950**	*14 860 **31,350**	12 310 **26,500**							
–6.0 m **–20.0 ft**	kg **lb**			*21 820 **46,500**	*21 820 **46,500**	*18 220 **38,600**	*18 220 **38,600**	*14 090 **29,200**	*14 090 **29,200**									

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

BOOM – 8.4 m (27'7")
STICK – 2920 mm (9'7")

BUCKET – 2260 mm (89") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft				
																m ft
12.0 m **40.0 ft**	kg **lb**													*6300 **14,150**	*6300 **14,150**	9.28 **29.67**
10.5 m **35.0 ft**	kg **lb**													*5620 **12,500**	*5620 **12,500**	10.78 **34.89**
9.0 m **30.0 ft**	kg **lb**									*14 790 **32,250**	*14 790 **32,250**			*5280 **11,700**	*5280 **11,700**	11.80 **38.44**
7.5 m **25.0 ft**	kg **lb**							*17 910 **38,700**	*17 910 **38,700**	*15 500 **33,600**	15 360 **32,750**	*13 910 **26,900**	10 680 **22,450**	*5150 **11,350**	*5150 **11,350**	12.50 **40.86**
6.0 m **20.0 ft**	kg **lb**					*25 120 **53,900**	*25 120 **53,900**	*19 840 **42,750**	*19 840 **42,750**	*16 590 **35,900**	14 830 **31,750**	*14 410 **31,250**	10 600 **22,500**	*5180 **11,400**	*5180 **11,400**	12.94 **42.39**
4.5 m **15.0 ft**	kg **lb**					*28 750 **61,750**	28 120 **60,800**	*21 870 **47,150**	19 550 **42,100**	*17 790 **38,450**	14 100 **30,250**	*15 070 **32,600**	10 280 **21,900**	*5350 **11,750**	*5350 **11,750**	13.16 **43.14**
3.0 m **10.0 ft**	kg **lb**					*27 280 **67,400**	24 770 **55,000**	*23 540 **50,800**	18 170 **39,100**	*18 840 **40,700**	13 330 **28,600**	*15 660 **33,800**	9890 **21,100**	*5660 **12,450**	5490 **12,100**	13.16 **43.19**
1.5 m **5.0 ft**	kg **lb**					*22 520 **55,350**	22 520 **51,650**	*24 460 **52,850**	17 120 **36,850**	*19 490 **42,100**	12 690 **27,200**	*15 980 **34,500**	9530 **20,350**	*6140 **13,500**	5610 **12,350**	12.96 **42.52**
Ground Line	kg **lb**					*27 810 **66,150**	23 490 **50,500**	*24 480 **52,950**	16 530 **35,550**	*19 570 **42,250**	12 260 **26,300**	*15 850 **34,100**	9280 **19,850**	*6830 **15,050**	6050 **13,350**	12.53 **41.12**
–1.5 m **–5.0 ft**	kg **lb**			*17 080 **39,550**	*17 080 **39,550**	*29 400 **63,850**	23 580 **50,650**	*23 560 **50,950**	16 350 **35,150**	*18 890 **40,700**	12 090 **25,950**	*14 940 **31,900**	9210 **19,750**	*7840 **17,300**	6930 **15,350**	11.87 **38.89**
–3.0 m **–10.0 ft**	kg **lb**	*19 990 **45,350**	*19 990 **45,350**	*29 890 **68,550**	*29 890 **68,550**	*26 600 **57,650**	24 060 **51,650**	*21 580 **46,550**	16 530 **35,500**	*17 150 **36,750**	12 210 **26,200**			*8740 **19,150**	8530 **18,950**	10.90 **35.64**
–4.5 m **–15.0 ft**	kg **lb**			*26 290 **56,900**	*26 290 **56,900**	*22 390 **48,200**	*22 390 **48,200**	*18 110 **38,700**	17 070 **36,750**	*13 480 **27,850**	12 690 **27,400**						
–6.0 m **–20.0 ft**	kg **lb**					*15 790	*15 790	*11 660 **23,250**	*11 660 **23,250**								

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

Mass Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

BOOM – 7.25 m (23'9")
STICK – 3400 mm (11'2")

BUCKET – 2260 mm (89") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft				
																m ft
10.5 m **35.0 ft**	kg **lb**							*12 300	*12 300					*5870 ***13,100**	*5870 ***13,100**	9.69 **31.28**
9.0 m **30.0 ft**	kg **lb**									*10 220	*10 220			*5440 ***12,050**	*5440 ***12,050**	10.85 **35.29**
7.5 m **25.0 ft**	kg **lb**							*18 100 ***39,300**	*18 100 ***39,300**	*15 650 ***32,650**	15 550 ***32,650**			*5300 ***11,700**	*5300 ***11,700**	11.62 **37.95**
6.0 m **20.0 ft**	kg **lb**							*20 070 ***43,450**	*20 070 ***43,450**	*17 380 ***37,700**	15 300 **32,650**	*10 360	*10 360	*5360 ***11,800**	*5360 ***11,800**	12.10 **39.62**
4.5 m **15.0 ft**	kg **lb**			*38 490 ***82,500**	*38 490 ***82,500**	*27 820 ***59,900**	*27 820 ***59,900**	*22 090 ***47,700**	20 980 **45,050**	*18 480 ***40,000**	14 770 **31,600**	*15 020 ***29,000**	10 510 **22,300**	*5600 ***12,300**	*5600 ***12,300**	12.33 **40.44**
3.0 m **10.0 ft**	kg **lb**			*28 440 ***72,200**	*28 440 ***72,200**	*31 170 ***67,250**	28 890 **62,150**	*23 990 ***51,800**	19 730 **42,400**	*19 520 ***42,200**	14 120 **30,200**	*16 340 ***35,300**	10 230 **21,750**	*6030 ***13,250**	*6030 ***13,250**	12.34 **40.49**
1.5 m **5.0 ft**	kg **lb**			*19 680 ***46,950**	*19 680 ***46,950**	*33 160 ***71,650**	26 910 **57,850**	*25 270 ***54,600**	18 630 **40,000**	*20 210 ***43,650**	13 500 **28,900**	*16 460 ***35,400**	9940 **21,150**	*6690 ***14,700**	*6690 ***14,700**	12.11 **39.77**
Ground Line	kg **lb**			*24 060 ***55,800**	*24 060 ***55,800**	*33 350 ***72,200**	25 750 **55,300**	*25 570 ***55,250**	17 850 **38,350**	*20 220 ***43,600**	13 040 **27,900**	*15 890 ***33,050**	9720 **20,750**	*7670 ***16,900**	7460 **16,450**	11.66 **38.24**
–1.5 m **–5.0 ft**	kg **lb**	*17 910 ***40,500**	*17 910 ***40,500**	*33 450 ***76,850**	*33 450 ***76,850**	*31 780 ***68,800**	25 330 **54,350**	*24 590 ***53,100**	17 480 **37,500**	*19 180 ***41,150**	12 820 **27,500**			*9150 ***20,250**	8610 **19,050**	10.92 **35.79**
–3.0 m **–10.0 ft**	kg **lb**	*28 990 ***65,600**	*28 990 ***65,600**	*36 390 ***78,800**	*36 390 ***78,800**	*28 360 ***61,200**	25 490 **54,700**	*21 980 ***47,200**	17 520 **37,650**	*16 340 ***34,400**	12 930 **27,800**					
–4.5 m **–15.0 ft**	kg **lb**	*34 300 ***74,300**	*34 300 ***74,300**	*28 390 ***60,900**	*28 390 ***60,900**	*22 490 ***47,950**	*22 490 ***47,950**	*16 730 ***35,000**	*16 730 ***35,000**							

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

BOOM – 7.25 m (23'9")
STICK – 2920 mm (9'7")

BUCKET – 2260 mm (89") GP with HD long tips
SHOES – 900 mm (36") double grouser

UNDERCARRIAGE – Long
HEAVY LIFT – On

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
														m ft
10.5 m **35.0 ft**	kg **lb**											*6650 ***14,850**	*6650 ***14,850**	9.12 **29.34**
9.0 m **30.0 ft**	kg **lb**							*17 810 ***37,550**	*17 810 ***37,550**			*6150 ***13,650**	*6150 ***13,650**	10.36 **33.66**
7.5 m **25.0 ft**	kg **lb**							*19 550 ***42,450**	*19 550 ***42,450**	*16 050 ***31,600**	15 190 ***31,600**	*5980 ***13,200**	*5980 ***13,200**	11.17 **36.48**
6.0 m **20.0 ft**	kg **lb**					*25 660 ***53,300**	*25 660 ***53,300**	*21 120 ***45,700**	*21 120 ***45,700**	*18 160 ***39,450**	15 070 **32,150**	*6030 ***13,250**	*6030 ***13,250**	11.68 **38.23**
4.5 m **15.0 ft**	kg **lb**			*40 970 ***87,600**	*40 970 ***87,600**	*29 170 ***62,850**	*29 170 ***62,850**	*22 990 ***49,700**	20 700 **44,450**	*19 130 ***41,400**	14 610 **31,200**	*6280 ***13,800**	*6280 ***13,800**	11.92 **39.08**
3.0 m **10.0 ft**	kg **lb**					*32 120 ***69,300**	28 300 **60,950**	*24 670 ***53,300**	19 500 **41,900**	*20 020 ***43,300**	14 010 **30,000**	*6720 ***14,800**	*6720 ***14,800**	11.92 **39.13**
1.5 m **5.0 ft**	kg **lb**			*15 360 ***37,100**	*15 360 ***37,100**	*33 510 ***72,500**	26 510 **57,050**	*25 640 ***55,450**	18 480 **39,700**	*20 480 ***44,250**	13 460 **28,850**	*7420 ***16,300**	*7420 ***16,300**	11.62 **38.38**
Ground Line	kg **lb**			*22 880 ***53,150**	*22 880 ***53,150**	*33 080 ***71,700**	25 580 **54,950**	*25 560 ***55,250**	17 820 **38,300**	*20 170 ***43,450**	13 080 **28,050**	*8450 ***18,650**	8200 **18,100**	11.21 **36.78**
–1.5 m **–5.0 ft**	kg **lb**	*18 870 ***42,700**	*18 870 ***42,700**	*34 850 ***80,150**	*34 850 ***80,150**	*30 920 ***66,950**	25 370 **54,500**	*24 120 ***52,050**	17 580 **37,750**	*18 620 ***39,800**	12 960 **27,800**	*10 020 ***22,150**	9580 **21,200**	10.44 **34.20**
–3.0 m **–10.0 ft**	kg **lb**	*32 080 ***72,600**	*32 080 ***72,600**	*33 510 ***72,650**	*33 510 ***72,650**	*26 840 ***57,900**	25 740 **55,300**	*20 840 ***44,600**	17 770 **38,200**					
–4.5 m **–15.0 ft**	kg **lb**			*24 710 ***52,900**	*24 710 ***52,900**	*19 990 ***42,400**	*19 990 ***42,400**	*14 050 ***28,400**	*14 050 ***28,400**					

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard J1097. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

Standard Equipment

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

Electrical
- Alternator – 75 ampere
- Lights
  - Cab interior
- Power supply in cab – 12V, 7 amp
- Signal/warning horn

Engine/Powertrain
- Automatic engine speed control
- Automatic swing parking brake
- Automatic travel parking brakes
- Caterpillar C18 ATAAC with ACERT technology
  - Altitude capability to 2300 m (7500 ft) without derating
  - EPA Tier 3 emission compliant
- High ambient cooling, 52° C (126° F) capability
- Side-by-side cooling system with separately mounted AC condenser and variable speed fan
- Two speed travel
- Water separator, with level indicator, for fuel line

Guards
- Heavy duty bottom guards on upper frame
- Heavy duty swivel guard on undercarriage
- Heavy duty travel motor guards on undercarriage

Operator Station
- Air conditioner, heater and defroster with automatic climate control
- Ashtray and 24 volt lighter
- AM/FM radio with antenna and two speakers
- Beverage/cup holder
- Cab Glass/Glazing
  - Openable and retractable two-piece front windshield
  - Stationary skylight (polycarbonate)
- Coat hook
- Console mounted electronic type joysticks with adjustable gain and response
- Floor mat
- Instrument panel and gauges with full color graphical display
- Literature compartment
- Lunch box storage with lid
- Neutral lever (lock out) for all controls
- Positive filtered ventilation
- Pressurized cab
- Retractable seat belt 76 mm width (3")
- Sunshade for windshield and skylight
- Travel control pedals with removable hand levers
- Windshield wipers and washers (upper and lower)

Undercarriage
- Double grouser shoes – 900 mm (36") width
- Grease lubricated track
- Hydraulic track adjusters
- Idler and center section track guards
- Long, variable gauge
- Steps – four

Other Standard Equipment
- Auxiliary hydraulic valve for hydro-mechanical tools
- Caterpillar one key security system with locks for doors, cab and fuel cap
- Cat walks – left side and right side
- Cross-roller type swing bearing
- Drive for auxiliary pump
- Hand control pattern changer
- Heavy lift mode
- Mirrors – left and right
- S•O•S℠ quick sampling valves for engine oil and hydraulic oil
- Steel firewall between engine and hydraulic pumps
- Travel alarm with cut off switch
- Wiring provisions for Product Link, Auto-lube System and lighted beacon

Optional Equipment

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

Front Linkage
- Booms
  - Reach 10 m (32'10")
  - General Purpose 8.4 m (27'7")
  - Mass Excavation 7.25 m (23'9")
- Sticks
  - R5.5HB (18'1") for reach and GP boom
  - R4.4HB (14'5") for reach and GP boom
  - G3.4JB (11'2") for GP boom
  - G2.92JB (9'7") for GP boom
  - M3.4JB (11'2") for mass boom
  - M2.92JB (9'7") for mass boom
- Bucket Linkages
  - HB-family for HB sticks
  - JB-family for JB sticks
- Buckets – see chart
- Tips, sidecutters and edge protectors

Track
- Double grouser 650 mm (26")
- Double grouser 750 mm (30")

Guards
- FOGS (Falling Object Guard System) including overhead and windshield guards
- Track guiding guards – full length
- Vandal guards for windshield
- Wire mesh screen for windshield

Auxiliary Controls and Lines
- Basic control arrangements
  - Combined function for 1-way or 2-way high pressure circuits includes joysticks and modulation switch
  - Medium pressure circuit
- Auxiliary boom lines
  - High pressure for reach and mass booms
- Auxiliary stick lines
  - High pressure lines for reach and mass sticks

Miscellaneous Options
- Adjustable high-back heated seat with mechanical suspension
- Adjustable high-back seat with air suspension and heat
- Boom lowering control device
- Counterweight removal system
- Electric lubricator with hose reel
- Machine security system with programmable keys
- Starting aid for cold weather with ether
- Stick lowering control device
- Straight travel pedal

Notes

385C L Hydraulic Excavator

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

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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