330C L
330C LN
Hydraulic Excavators

Cat® C9 ATAAC diesel engine	
Gross power	197 kW/264 hp
Net power	181 kW/243 hp
Operating weight range	**34 300 to 35 700 kg**
Travel speed	**5.0/3.3 km/h**
Drawbar pull	**294 kN**

330C L and 330C LN Hydraulic Excavators

The C Series incorporates innovations for improved performance and versatility.

Engine

✔ Cat C9 ATAAC diesel engine is built for performance, durability, excellent fuel economy, low sound levels and it meets the European Union emission regulations through 2005. This innovative engine features Caterpillar's exclusive Advanced Diesel Engine Management (ADEM™-III) electronic control module for advanced troubleshooting and diagnostic capabilities. **pg. 4**

Hydraulics

Cat C9 engine and hydraulics give the 330C L and 330C LN exceptional power, efficiency and controllability unmatched in the industry for consistently high performance in all applications. **pg. 5**

SmartBoom™

- Easier and smoother operation.
- Faster cycle times in rock scraping and truck loading.
- Optimum hammering for effective productivity. **pg. 6**

Ease of Operation

✔ Compact Multipro monitor enhances viewing while displaying a variety of easy to read and understand language-based information. Designed for simple, easy operation, the 330C L and 330C LN allow the operator to focus on production. **pg. 7**

Increased work tool options, improved cycle times, and ease of operation lead to increased productivity and lower operating costs.

✔ *New features*

Operator Comfort

✔ Redesigned interior layout maximizes operator space, provides exceptional comfort, and reduces operator fatigue. **pg. 8-9**

Durability

Rugged Caterpillar® undercarriage design and proven structural manufacturing techniques assure outstanding durability in the toughest applications. **pg. 10**

Work Tools

✔ Ex-factory available Buckets, Multi-processors, Sorting and Demolition Grapples, Hammers and Quick Couplers provide a total solution package to the end-user. **pg. 13**

Buckets and Teeth

A wide variety of bucket types with aggressive bucket designs take advantage of the high digging forces to improve productivity. **pg. 12**

Booms and Sticks

Built for good performance and long service life, Caterpillar booms and sticks are large, welded, box-section structures with thick, multi-plate fabrications that resist high stress. Designed-in flexibility to help bring higher production and efficiency to all jobs. **pg. 11**

Serviceability

Longer service intervals and easier maintenance results in better machine availability and lower owning and operating costs. **pg. 14**

Complete Customer Service

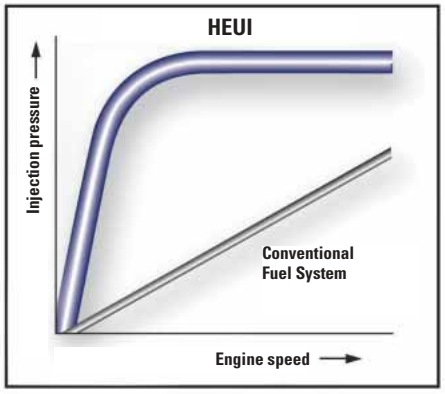
Your Cat dealer offers a wide range of services that can be set up under a customer support agreement when you purchase your equipment. The dealer will help you choose a plan that can cover everything from machine and attachment selection to replacement. **pg. 15**

C9 ATAAC Engine

The six-cylinder, HEUI-B, turbocharged and air-to-air aftercooled engine is built for power, reliability, low maintenance, excellent fuel economy and low emissions.

Powerful performance. The C9 ATAAC engine delivers, at the rated speed of 1800 rpm, the net power of 181 kW (243 hp), and meets all current worldwide emissions standards.

HEUI Fuel System. In the traditional common rail fuel system, the entire fuel line is under high pressure. With the HEUI system, fuel remains at low pressure until it is injected into the cylinder. Fuel pressure is created hydraulically in response to a signal from the Electronic Control Module (ECM).



Injection pressure in a HEUI fuel system is independent of engine speed.

HEUI controls injection pressure electronically. This unique capability means the regulation of injection pressure is completely independent of crankshaft speed. Peak injection pressure can be achieved under acceleration and lug conditions, providing better fuel economy, better response and reduced smoke.

Turbocharged and Air-to-air aftercooled. Turbocharger packs more dense air into the cylinders for more complete combustion and lower emissions improving performance and engine efficiency. These benefits are especially useful at high altitudes. Air-to-air aftercooler reduces smoke and emissions by providing a cooler inlet air for more efficient combustion. This also extends the life of the piston rings and bore.

Four valves. Four valves per cylinder allow for good air flow enhancing fuel efficiency and heat rejection.

Cooling system. The 330C L and the 330C LN feature unique side by side radiators. In order to ease cleaning of water and hydraulic oil radiators, these are separated. Since they are protected by a fine mesh screen and not staked on each other, cleaning of plugged radiators is much easier and therefore reduces the risk of overheating. While engine coolant radiator is ran by a belt, the hydraulic oil radiator is driven by an independant hydraulic pump.

Engine oil. Caterpillar engine oil is formulated to optimize engine life and performance and is strongly recommended for use in Cat diesel engines. The engine oil change interval is increased to 500 hours.

Low sound, low vibration. The C9 design improves operator comfort by reducing sound and vibration.

Factory remanufactured parts. A large choice of factory remanufactured parts and dealer proposed repair options increase machine availability and reduce total repair costs.

Hydraulics

Fast cycle times and high bucket and stick forces combine to maximize your productivity in any job.

Automatic Engine Control. Automatic Engine Control (AEC) with convenient one-touch command. Three-stage control maximizes fuel efficiency and reduces sound levels.

- First stage AEC: Selected when the AEC indicator on the Multipro panel is “OFF”. If a no-load or light-load condition continues for more than 3 seconds, the AEC reduces engine speed by 100 rpm.
- Second stage AEC: Selected when the AEC indicator on the Multipro panel is “ON”. If a no-load or light-load condition continues for more than 3 seconds, the AEC reduces engine speed to 1300 rpm.
- Third stage AEC: Pressing the switch on the top of the right hand control lever when the levers are in neutral position, reduces the engine speed to 1020 rpm. If the switch is pressed again or if a control lever is moved, the engine speed returns to its previous level.

Easy to operate hydraulics.
Cat hydraulics give the 330C L and 330C LN exceptional efficiency and controllability unmatched in the industry for consistently high performance in all applications.
The 330C L/LN easy-to-use hydraulic system provides automatic infinite priority selections between swing and boom, maximizing performance and simplifying operation. Boom and swing priority is adjusted automatically depending on joystick input, eliminating the need to select the work-mode from the Multipro. This is a unique feature in the market.

Auxiliary Hydraulic Circuits.
The new auxiliary hydraulic circuits are electronically controlled, allowing essential parameters for frequently used hydro-mechanical worktools to be pre-recorded. This on-board electro-hydraulic system eliminates the need for manual readjustments to the auxiliary hydraulics, each time a different tool is used.

Hydraulic Pumps Cross Sensing System.
It improves productivity with faster implement speeds and quicker, stronger pivot turns

Hydraulic Cylinder Snubbers.
The hydraulic cylinder snubbers at rodend of boom cylinders and both ends of stick cylinders cushion shocks, reduce sound and increase cylinder life, keeping the machine working longer.

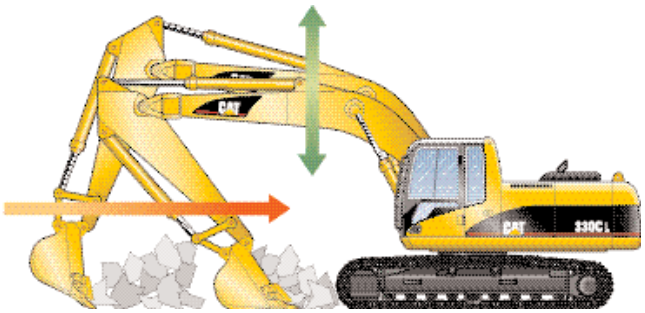
Controllability. The hydraulic system offers precise control to the 330C L/LN, reducing operator fatigue, improving operator effectiveness and efficiency, which ultimately translates into enhanced performance.

Boom and Stick Regeneration Circuit.
Boom and stick regeneration circuit increases efficiency and reduces cycle times for higher productivity and lower operating costs.

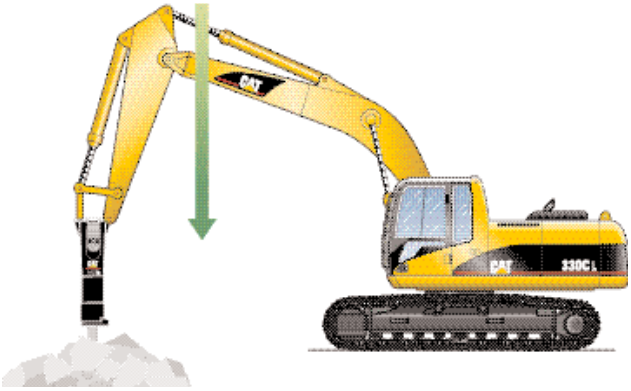
Optional SmartBoom™. The unique Cat SmartBoom™ attachment significantly enhances operator efficiency in applications including rock scraping, finishing work, hammer and truck loading applications.

SmartBoom™

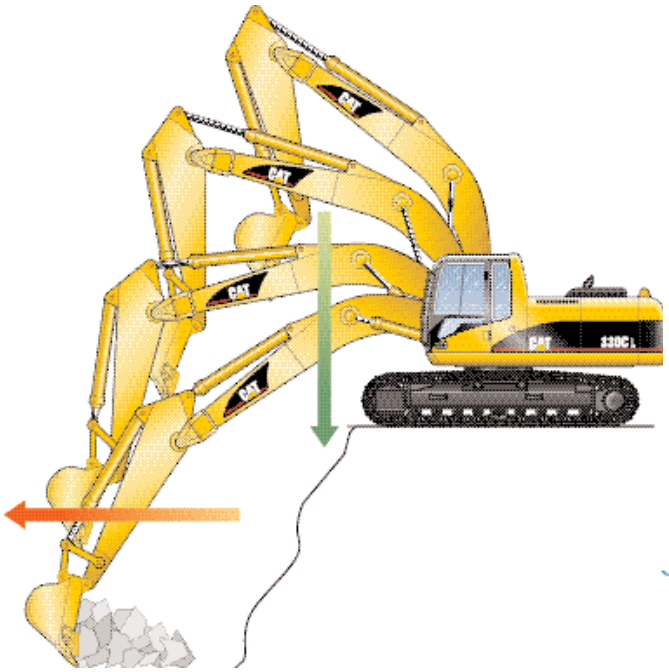
Reduces stress and vibrations transmitted to the machine and provides a more comfortable environment ensuring less operator fatigue.



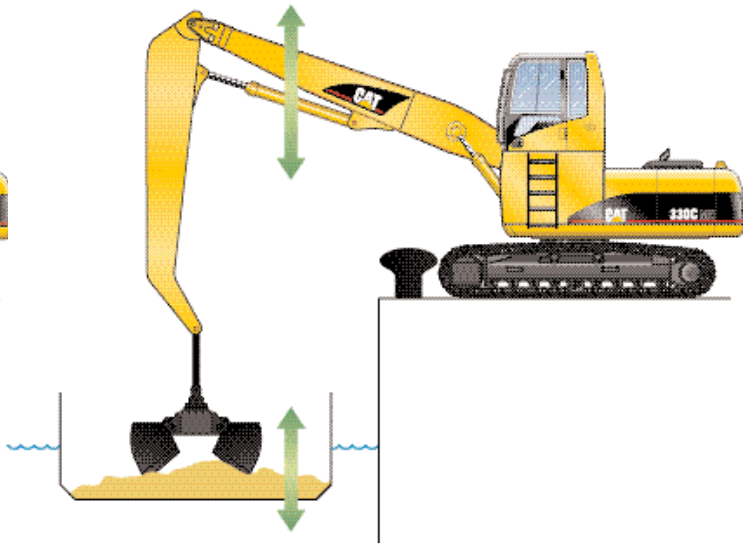
Rock Scraping. Scraping rock and finishing work is easy and fast. SmartBoom™ simplifies the task and allows the operator to fully concentrate on stick and bucket, while boom freely goes up and down without using pump flow.



Hammer Work. It has never been this productive and operator-friendly. The front parts automatically follow the hammer while penetrating the rock. Blank shots or excessive force on the hammer are avoided resulting in longer life for the hammer and the machine. Similar advantages are applicable when using vibratory plates.



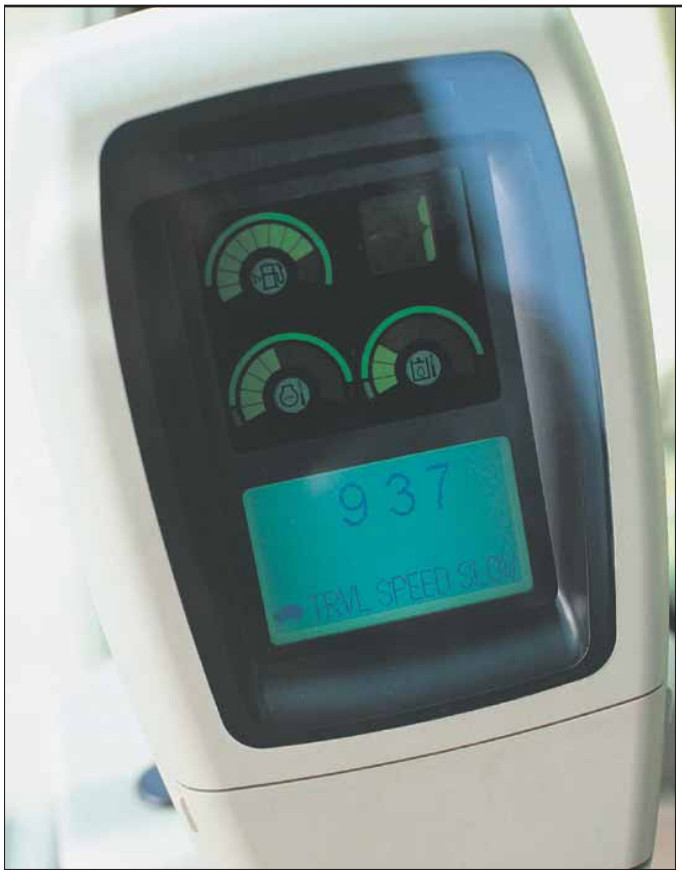
Truck Loading. Loading trucks from a bench is more productive and more fuel efficient as the return cycle is reduced while the boom down function does not require pump flow.



Material Handling. It is more efficient and productive due to faster return cycles. Unloading barges is easier because SmartBoom™ avoids excessive force being put on the floor of the barge allowing the operator to fully concentrate on production.

Ease of Operation

Designed for simple, easy operation, the 330C L and 330C LN allow the operator to focus on production.



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

Pre-start Multipro system. The Pre-start Multipro system alerts the operator in case there is low coolant, engine oil and hydraulic oil levels, prior to starting the engine. When the engine key remains in the "ON" position for more than 2 seconds, warning indicators are displayed in language, if actual fluid levels are lower than required.

Filter and Oil Change warnings. The filter and oil change warnings are displayed when the number of hours used reaches the maintenance interval.

Integrated Tool Control system. The integrated Tool Control system allows the operator to quickly select the proper set of flow and pressure parameters out of five pre-set combinations, eliminating the need to re-set these hydraulic parameters each time a tool is changed. Specific flow and pressure can also be programmed easily. The one way/two way hydraulic functions are also programmable from the Tool Control system. Each of the five programmed tools can even be given a specific name chosen by the operator.

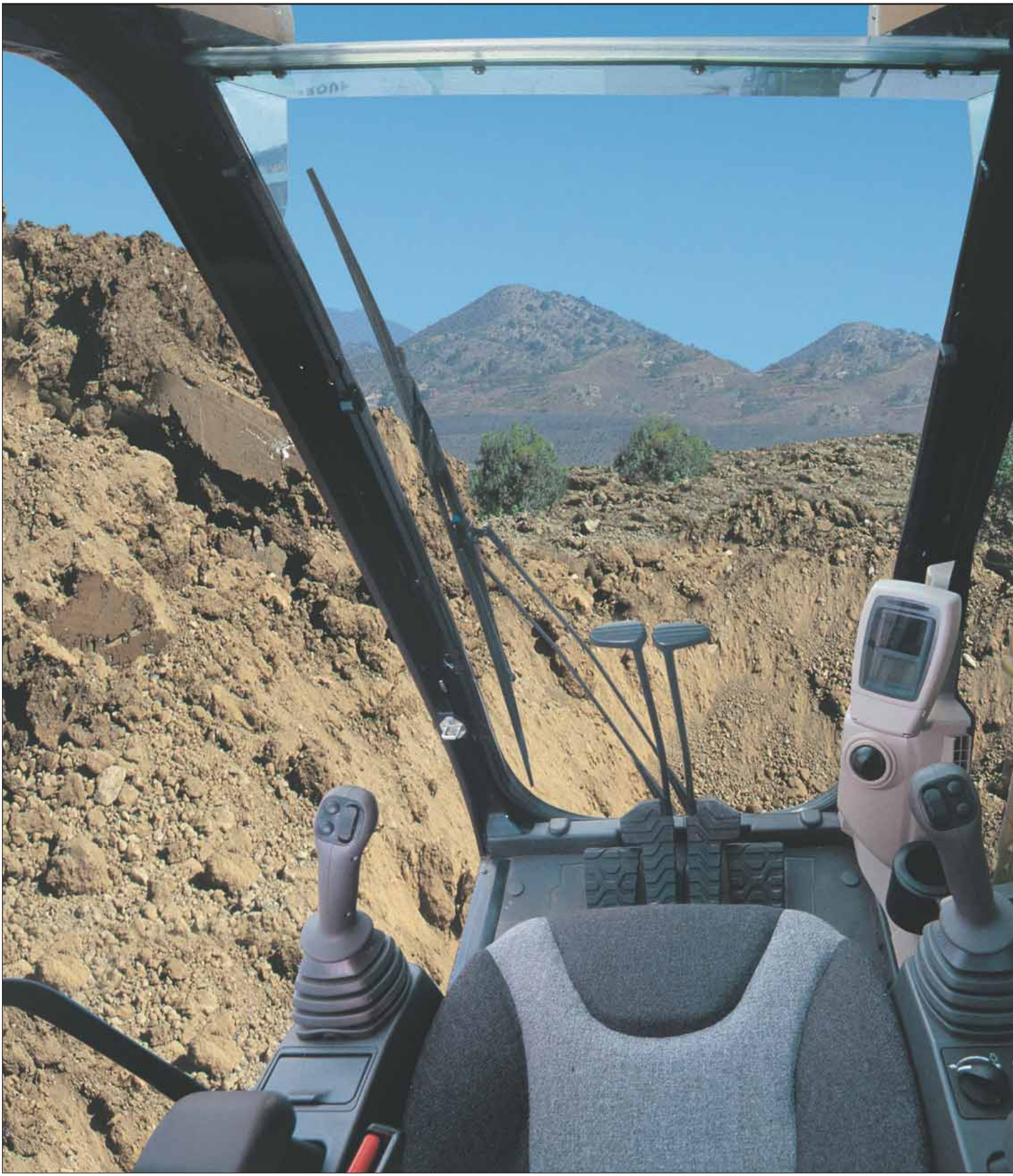
Languages. Twenty different languages are available on the 330C L/LN. The machine can be ordered with up to seven language combinations at a time. A pre-set combination can be overwritten by another language combination with Electronic Technician.

- English, French, German, Italian, Portuguese, Spanish, Japanese
- English, Danish, Finnish, Icelandic, Norwegian, Swedish
- English, Dutch/Flemish, French, German, Italian
- English, Czech, German, Greek, Russian, Turkish
- English, Chinese (simplified), Indonesian, Thai

The individual language can be selected out of the pre-set combination from the Multipro.

All-day operator comfort

The 330C L and 330C LN interior layout maximize operator space, provide exceptional comfort, and reduce operator fatigue.



Interior Operator Station. The 330C L and 330C LN operator work station is quiet with ergonomic control placement and convenient adjustments, low lever and pedal effort, ergonomic seat design and highly efficient ventilation.

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

Console. Designed for simplicity and functionality. Both consoles have attached adjustable armrests.

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

Greater control convenience. Each of the controls is positioned within easy reach of the operator. Joysticks with sliding switches control all implements and swing functions. The industry-unique sliding switches provide modulated control for hydro-mechanical tools and are designed to increase operator comfort and reduce operator fatigue when working extensively with crushers or shears.

Cab Mounts. The cab shell is attached to the frame with viscous mounts, reducing vibration and sound.

Skylight. A unique large polycarbonate skylight provides very good upward visibility, especially usefull in above ground applications.

Viewing area. Excellent viewing area through wide windows. The front window is one piece for undistorted view in utility applications (two pieces optional).

Wipers. Designed to maximize visibility in poor weather conditions. The parallel wiper system covers almost the complete front window without leaving unwiped areas in the immediate line of sight of the operator.

Large storage shelf. Located behind the seat provides sufficient room for a cooling box. An optional lunch box cover is available to close off the storage space if preferred.

Durability

330C L and 330C LN structural components and undercarriage are the backbone of the machine's durability.

Structures. Proven structural manufacturing techniques, assure outstanding durability and service life from these important components.

Carbody Design. X-shaped, box-section carbody provides excellent resistance to tortional bending.

Track Roller Frames. Robot-welded track roller frames are press-formed, pentagonal units to deliver exceptional strength and service life.

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

Undercarriage. Durable Cat undercarriage absorbs stresses and provides excellent stability.

Robotic Welding. Precision robotic welding ensures quality, increases rigidity, reduces internal stresses and enhances durability.

Rollers and Idlers. Heavy-duty sealed and lubricated track rollers, carrier rollers and idlers provide excellent service life, to keep the machine in the field longer.

Grease-lubricated Track (GLT). It delivers longer track link and inner bushing life. GLT also reduces travel noise and reduces potential for frozen track joints.

Undercarriage Options. Two undercarriage options, long (L) and long narrow (LN) allow you to choose the best machine for your application and business needs.

Long Undercarriage. The long undercarriage (L) maximizes stability and lift capacity. A long, wide and sturdy undercarriage offers a very stable work platform.

Long Narrow Undercarriage. The long and narrow undercarriage (LN) provides the best choice when ease of transport is important while maintaining excellent lift capacity.

Booms and Sticks

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

Booms and Sticks. 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.

Option. The choice of three booms and six sticks means the 330C L/LN offer a large combination of reach and digging forces for optimum versatility.

Reach Boom. The reach boom (6.50 m) features an optimum design that maximizes digging envelopes with four stick choices.

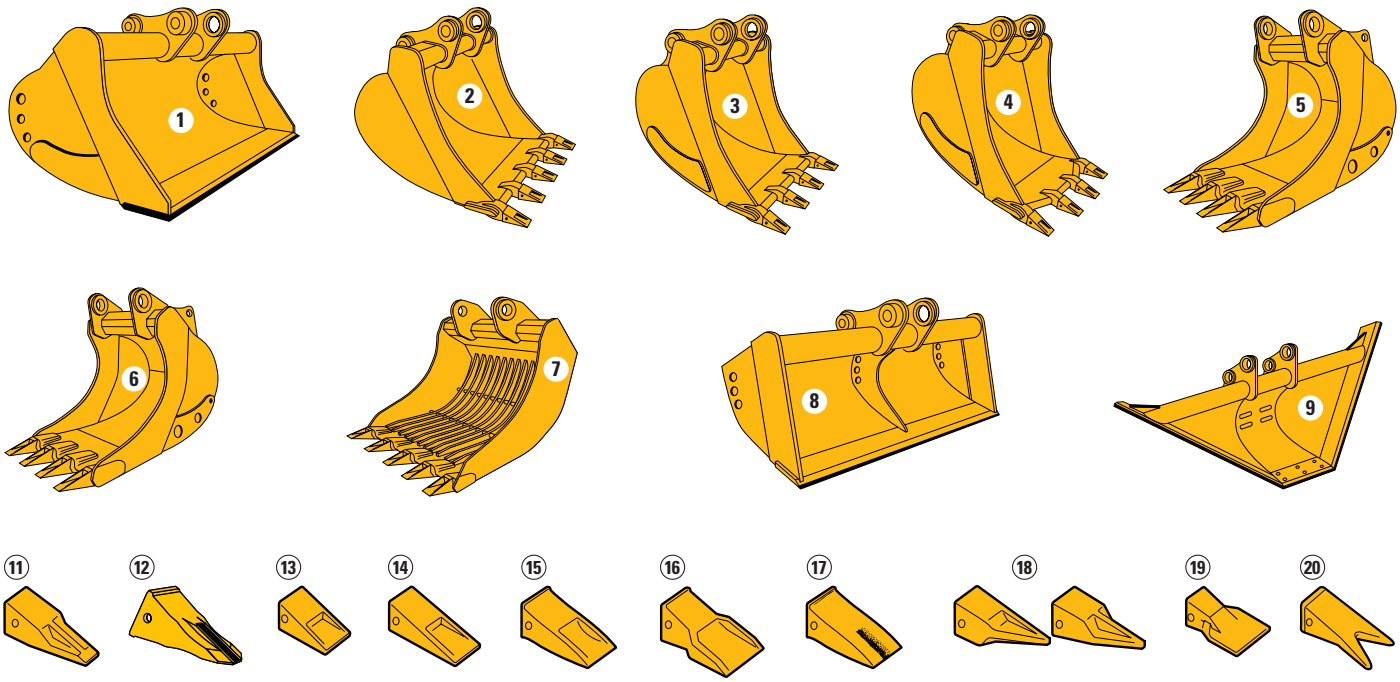
- **R3.9D Stick.** The R3.9D stick gives the largest working envelope with D-sized buckets.
- **R3.2D Stick.** The R3.2D stick uses the higher capacity buckets and is best suited to trenching, excavation and general construction applications.
- **R2.8D Stick.** The R2.8D stick uses high capacity D family buckets for high production applications.
- **R2.15E Stick.** The R2.15E stick uses E-family linkage and mass excavation buckets for efficient, high volume truck loading applications. Permits attachement of hydraulic work tools which require E-family linkage.

Mass Excavation Boom. The mass excavation boom (6.18 m) maximizes productivity. The ME version offers increased forces to allow use of larger buckets and offers added durability for more severe applications.

- **M2.55E and M2.15E Sticks.** The M2.55E and M2.15E sticks have been specifically designed for large earth moving applications and use E-sized buckets.

Buckets and Teeth

A wide variety of buckets help optimize machine performance. Purpose designed and built to Caterpillar's high durability standards.



1 Utility Light (LU). Low cost earth working bucket for floor, bank and ditch finishing.

Utility Standard (SU). Demolition and construction bucket handles bricks and broken concrete, as well as trench filling, floor leveling and bank finishing.

2 Excavation/Trenching (X). Digs and loads soft to medium materials such as clay and earth. Features weld on tip adapters, hardened cutting edge and side bars.

3 Extreme Excavation/Trenching (EX). Digs and loads compact/abrasive materials like earth/rock, sand/clay, sand/gravel, coal, chalk and low abrasion ores. Features bigger ground engaging tools, plus abrasion resistant steel for all wear parts.

4 Rock (Classical/Standard). Digs and loads mixed earth/rock soils containing high percentage of rock or other abrasive materials. Features V-spade cutting edge, thicker base and wear surfaces.

5 Rock Loading (RL). Loads large blocks of rock and other abrasive materials. Features longer floor plate and increased side bar curvature for better stability under load.

6 Block Handling (BH). Handles pre-shaped blocks of quarry marble and granite. Features increased tip radius, deep cut side bars for long floor platform.

7 Skeleton Light (SL). For soft and moist soils and for applications where separation of materials, e.g., branches, peatmoss, is required.

Skeleton Heavy Duty (SH). As S.L., but for more demanding separation work such as sorting rock from sand or gravel on demolition sites.

8 Ditch Cleaning (DC). Wide, light bucket used mainly with long reach configurations to clean water beds and banks.

9 Trapezoidal (T). To prepare and maintain small irrigation ditches. Features angled sides to shape ditch banks in one operation.

All Cat buckets can be fitted for Caterpillar Quick Coupler.

Tip selection

11 Penetration

12 Penetration Long Life

13 Short

14 Long

15 Heavy Duty Long

16 Heavy Duty Abrasion

17 Heavy Duty Long Life

18 Sharp / Corner Sharp

19 Wide

20 Twin Sharp

Tool Control System, Quick Couplers and Work-Tools

User-friendly, integrated electro-hydraulics make changing tools easy and quick and allow the operator to focus on efficient work.

Tool Controller. Five hydraulic pump flow and pressure settings can be preset on the Multipro, eliminating the need to adjust the hydraulics each time a tool is changed. Selecting the proper setting from the Multipro's menu instantly provides the operator with the correct amount of flow and pressure for the tool. The unique Cat proportional attachment sliding switches provide modulation to the tool and make precision work easy.

Quick Coupler. Caterpillar Quick Couplers provide quick tool exchange time while maintaining top machine performance.

- The universal Quick Coupler hydraulic circuit avoids difficult and costly retrofitting of Quick Coupler hydraulics and allows usage of the most frequently used Quick Coupler systems. Ask your Cat dealer for more specific information.
- The hydraulic version is available in the standard and narrow version and makes it very easy for the operator to switch tools without leaving the cab.
- The spindle version is a user-friendly mechanical version that can later be converted into the hydraulic version if required. The spindle version is also available in the narrow and standard version.
- A lifting hook can be added to the Quick Coupler for maximum lift capacity.
- All Cat buckets can be fitted for Caterpillar Quick Coupler. The new Cat CW-Series Quick Couplers make it possible for the operator to simply release one work tool and pick up the next. Your hydraulic excavators become highly versatile. The Cat CW-Series Quick Couplers maximize machine efficiency in a cost-effective way.

Multi-Processor. The Caterpillar Multi-Processors can be equipped with different jaw types depending on your need.

- CC-jaws combi cutter.
- CR-jaws concrete crusher.
- PP-jaws primary pulveriser.
- PS-jaws secondary pulveriser.
- TS-jaws tank shear.
- S-jaws steel.

Demolition and Sorting Grapple. The demolition and sorting grapple with unlimited left and right rotation is the ideal tool for stripping, sorting, handling and loading.

Hammer. The Cat hammers with a wide variety of tools provide the perfect match for maximal life, efficiency and productivity.

Maximum uptime – Service and Maintenance

Extended Service Intervals and Easy access reduce operating costs.

Extended Service Interval. 330C L/LN service and maintenance intervals have been extended to reduce machine service time and increase machine availability.

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 Multipro screen inside the cab.

Ground Level Service. The design and layout of the 330C L/LN 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.

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

Diagnostics and Monitoring. The 330C L/LN is equipped with S•O•S℠ sampling ports and hydraulic test ports for the hydraulic system, engine oil and for coolant. A test connection for the Electronic Technician (ET) is located in the air filter compartment.

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

Capsule Filter. The hydraulic return filter, a capsule filter, is situated outside the hydraulic tank. Removing the filter allows shut-off valves to close the hydraulic circuit preventing contaminants from entering the system when the hydraulic oil filter is changed. The capsule filter also keeps the operation clean.

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 fire wall.

Handrails and Steps. Larger handrails and steps assist operator in climbing on and off machine.

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

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

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

Oil Bearings. New boom and stick standard bearings only need greasing every 1000 hours.

Caterpillar Product Link system attachment. It includes a transceiver module (on-board the machine), office application PC software, and a satellite communications network to track machine hours, location, and warnings. Product Link simplifies maintenance scheduling, fleet management, unauthorized machine usage or movement, and product problem event tracking and diagnosis (PL-201).

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.

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. Save money with remanufactured components.

Acquisition. Look past initial price, look at the value the 330C L and 330C LN offer. Consider the financing options available as well as savings in day-to-day operating expenses.

Engine

Cat C9 ATAAC diesel engine	
Ratings	1800 rpm
Net Power	
ISO 9249	181 kW/243 hp
EEC 80/1269	181 kW/243 hp
Bore	112 mm
Stroke	149 mm
Displacement	8.8 liters

- The C9 engine meets EU directive 97/68/EC Stage II 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 derating required below 2300 m altitude.

Hydraulic System

Main Implement System	
Maximum Flow (2x)	280 l/min
Maximum pressure	
Implements	34 300 kPa
Travel	34 300 kPa
Swing	27 900 kPa
Pilot System	
Maximum flow	37 l/min
Maximum pressure	4120 kPa
Boom Cylinder	
Bore	150 mm
Stroke	1440 mm
Stick Cylinder	
Bore	170 mm
Stroke	1738 mm
D Family Bucket Cylinder	
Bore	150 mm
Stroke	1156 mm
E Family Bucket Cylinder	
Bore	160 mm
Stroke	1356 mm

Drive

Maximum Travel Speed	5.0/3.3 km/h
Maximum Drawbar Pull	294 kN

Swing Mechanism

Swing Speed	10 rpm
Swing Torque	108 kNm

Cab

Cab/FOGS meets ISO 10262.

Sound

The dynamic exterior sound power level meets EU Directive 2000/14/EC.

Machine and Major Component Weights

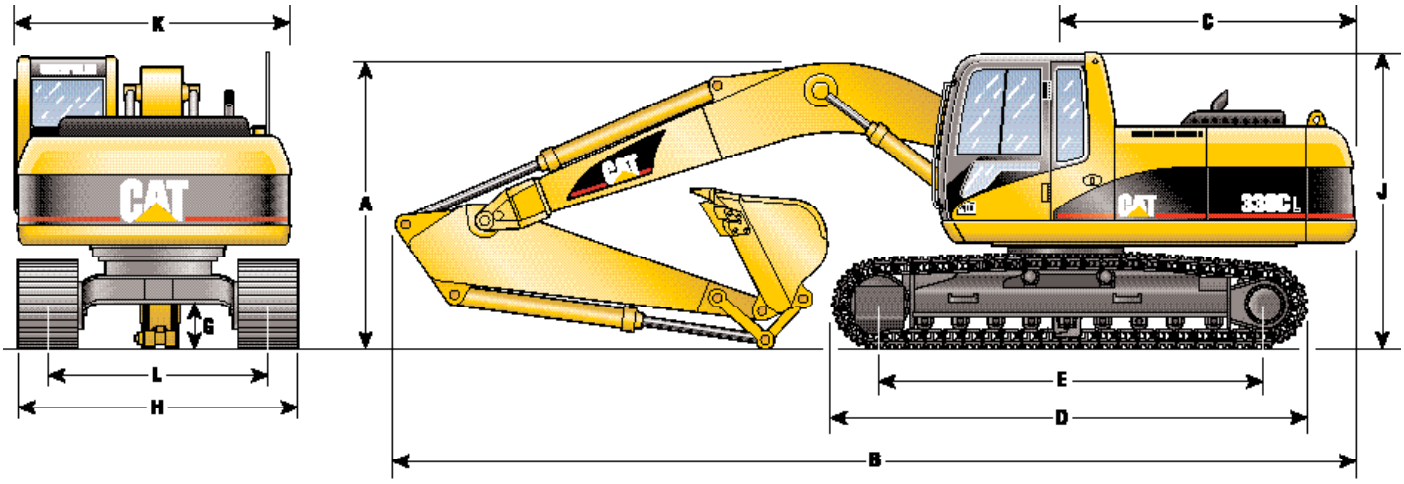
Actual weights and ground pressures will depend on final machine configuration.

		6.5 m Reach boom				6.18 m ME boom	
Sticks	m	2.15	2.8	3.2	3.9	2.15	2.55
Bucket type		E1500	D1350	D1300	D1150	E1500	E1500
Operating weight*							
330C L	kg	35 400	35 000	35 000	35 000	35 700	35 600
330C LN	kg	34 800	34 300	34 300	34 400	34 900	34 900
Ground pressure							
330C L	kg/cm²	0.55	0.54	0.54	0.55	0.55	0.55
330C LN	kg/cm²	0.68	0.67	0.67	0.67	0.68	0.68
Stick weight (without cylinders)	kg	1100	1070	1210	1335	1100	1125
Boom weight (without cylinders)	kg	2445				2445	
Upperstructure (without counterweight)	kg	8570				8570	
Undercarriage							
330C L (750 mm shoes)	kg	13 225				13 225	
330C LN (600 mm shoes)	kg	12 590				12 590	
Counterweight	kg	6250				6250	

* With counterweight, operator and full fuel.

Dimensions

All dimensions are approximate.



		m
A	Shipping height (with bucket)	
	Reach boom	
	2.15 m stick	3.56
	2.8 m stick	3.54
	3.2 m stick	3.34
	3.9 m stick	3.67
	ME boom	
	2.15 m stick	3.59
	2.55 m stick	3.56

		m
B	Shipping length	
	Reach boom	
	2.15 m stick	11.45
	2.8 m stick	11.21
	3.2 m stick	11.15
	3.9 m stick	11.20
	ME boom	
	2.15 m stick	11.14
	2.55 m stick	10.90

		m
C	Tail swing radius	3.50
D	Track length	5.02
E	Length to centers of rollers	4.04
G	Ground clearance	0.51
L	Track gauge	
	330C L	2.59
	330C LN	2.39
H	Width	
	330C L (750 mm shoes)	3.34
	330C LN (600 mm shoes)	2.99
J	Cab height	
	with FOG	3.28
	without FOG	3.15
K	Body width	3.00

Track Width

Standard Undercarriage	
Long	750 mm
Long Narrow	600 mm
Optional Undercarriage	
Long	600 mm, 600 mm HD
	850 mm, 750 mm HD
Long Narrow	600 mm HD

Service Refill Capacities

	Liter
Fuel Tank Capacity	618
Cooling System	35
Engine Oil	35.5
Swing Drive	19
Final Drive (each)	15
Hydraulic System (including tank)	410
Hydraulic Tank	315

Bucket Specifications

Contact your Caterpillar dealer for special bucket requirements.
All buckets are available to fit the Cat quick coupler.

Buckets (bucket weights including tips)

Bucket type	Linkage	Width	Weight	Capacity (SAE)	6.5 m Reach boom								6.18 m ME boom			
					330C L				330C LN				330C L		330C LN	
		mm	kg	m^3	R2.15E	R2.8D	R3.2D	R3.9D	R2.15E	R2.8D	R3.2D	R3.9D	M2.15E	M2.55D	M2.15E	M2.55D
Excavation	D	1650	1455	1.9	×				×				×		×	
	D	1800	1749	2.2	×			N	×		N	N	×		×	
	E	1500	1613	1.9		×	×	×		×	×	×		×		×
	E	1700	1815	2.2		×	×	×		×	×	×		×		×
Extreme Excavation	D	1500	1460	1.7	×				×				×		×	
	D	1650	1549	1.9	×				×			N	×		×	
	E	750	1096	0.68		N	×	×		×	×	×		×		×
	E	1700	1821	2.2		×	×	×		×	×	×		×		×
Rock	D	1000	1146	1.0	×				×				×		×	
	D	1650	1601	1.9	×				×			N	×		×	
	E	1500	1878	1.9		×	×	×		×	×	×		×		×
	E	1800	2179	2.3		×	×	×		×	×	×		×		×
Maximum load in kg (payload plus bucket)					5637	5098	4766	4162	5017	4550	4245	3693	6091	5593	5436	4990

Buckets and Quick Coupler

Bucket type	Linkage	Width	Weight	Capacity (SAE)	6.5 m Reach boom								6.18 m ME boom			
					330C L				330C LN				330C L		330C LN	
		mm	kg	m^3	R2.15E	R2.8D	R3.2D	R3.9D	R2.15E	R2.8D	R3.2D	R3.9D	M2.15E	M2.55D	M2.15E	M2.55D
Excavation	D	1650	1437	1.9	×			N	×	N	N	N	×		×	
	D	1800	1541	2.2	×	N	N	N	×	N	N	N	×		×	N
	E	1500	1573	1.9		×	×	×		×	×	×		×		×
	E	1700	1775	2.2		×	×	×	N	×	×	×		×	N	×
Extreme Excavation	D	1500	1442	1.7	×			N	×		N	N	×		×	
	D	1650	1531	1.9	×			N	×	N	N	N	×		×	
	E	750	1056	0.68		×	×	×		×	×	×		×		×
	E	1700	1781	2.2		×	×	×	N	×	×	×		×	N	×
Rock	D	1000	1121	1.0	×				×				×		×	
	D	1650	1584	1.9	×			N	×	N	N	N	×		×	
	E	1500	1838	1.9		×	×	×	N	×	×	×		×		×
	E	1800	2139	2.3	N	×	×	×	N	×	×	×	N	×	N	×
Maximum load in kg (payload plus bucket)					4438	4073	3799	3295	3906	3594	3340	2878	4802	4410	4244	3891

Max. Material density 1200 kg/m^3

Max. Material density 1500 kg/m^3

Material density 1800 kg/m^3 and more

N — Not recommended

× — Not compatible

Work Tools Matching Guide

When choosing between various work tool models that can be installed onto the same machine configuration, consider work tool application, productivity requirements, and durability. Refer to work tool specifications for application recommendations and productivity information.

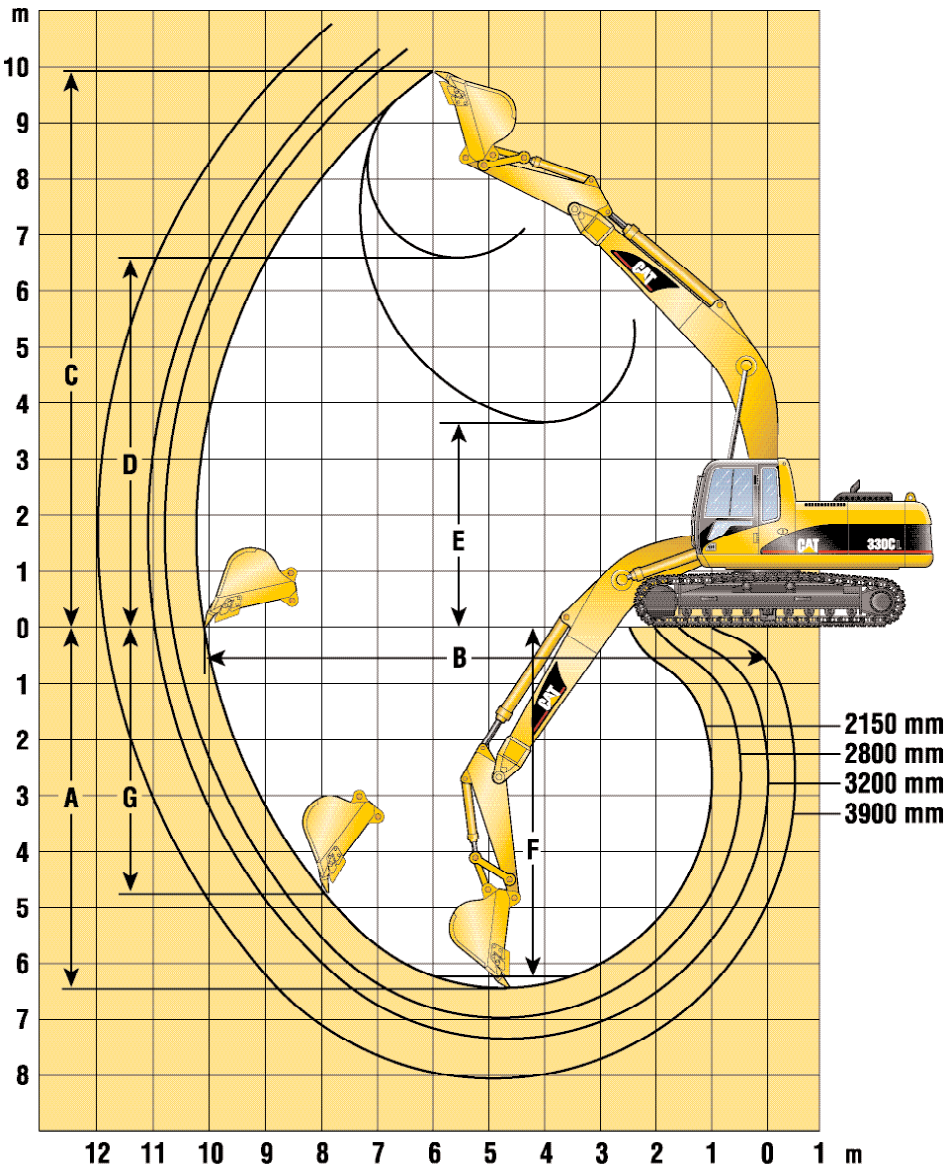
Without quick coupler		**6.5 m Reach boom**								**6.18 m ME boom**			
		330C L				330C LN				330C L		330C LN	
		2.15 m	2.8 m	3.2 m	3.9 m	2.15 m	2.8 m	3.2 m	3.9 m	2.15 m	2.55 m	2.15 m	2.55 m
Hammers	H130s	×				×				×	×	×	×
	H140s												
	H160s												
Mechanical Pulverizers	P120	×				×				×	×	×	×
	P130												
Multiprocessor	MP20	×				×				×	×	×	×
	MP30			×	×		×	×	×				
Crushers	CR28												
	VHC-40	×				×				×	×	×	×
	VHC-50				×			×	×				
Pulverizers	P25												
	P28				×				×				
	VHP-40	×				×				×	×	×	×
	VHP-50				×				×				
Mechanical Shears	S128												
180° rotatable Shears	S225												
	S230				×		×	×	×				
	S240*												
	S250*												
360° rotatable Shears	S325												
	S340		×	×	×	×	×	×	×	×	×	×	×
	S340*												
	S365*					×	×	×	×			×	×
	S465*												
Mechanical Grapples	G125								×				
Demolition and Sorting Grapple	G320	×				×				×	×	×	×
	G330				×				×				
With quick coupler													
Quick Coupler	CW-45												
	CW-45S												
Hammers	H130s	×				×				×	×	×	×
	H140s												
	H160s								×				
Multiprocessor	MP20	×				×				×	×	×	×
	MP30		×	×	×	×	×	×	×			×	×
Crushers	CR28								×				
	VHC-40	×				×				×	×	×	×
	VHC-50			×	×	×	×	×	×				
Pulverizers	P25								×				
	P28				×		×	×	×				
	VHP-40	×				×				×	×	×	×
	VHP-50				×		×	×	×				
180° rotatable Shears	S225								×				
	S230		×	×	×	×	×	×	×			×	×
360° rotatable Shears	S325				×				×				
Mechanical Grapples	G125							×	×		×		
Demolition and Sorting Grapple	G320	×				×			×	×	×	×	×
	G330				×		×	×	×				

* Boom Mounted

360° Working Range
Over the front only
Recommended
Available
× Not Compatible

Reach Excavation Boom Working Ranges

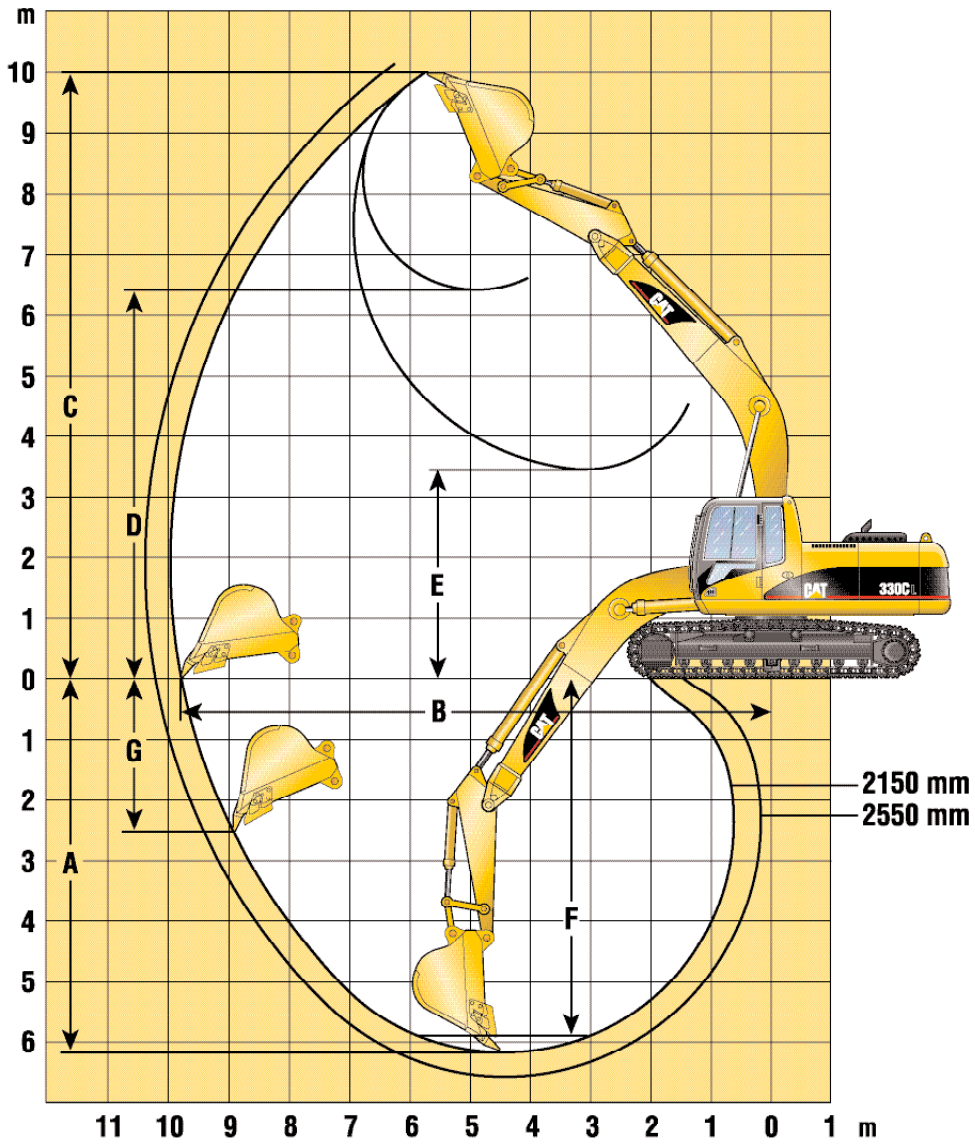
6.5 m Reach (R) boom configuration



		R2.15E	R2.8D	R3.2D	R3.9D
Stick Length	m	2.15	2.8	3.2	3.9
A Maximum Digging Depth	m	-6.45	-6.96	-7.35	-8.06
B Maximum Reach at Ground Level	m	10.04	10.61	10.92	11.64
C Maximum Cutting Height	m	9.93	10.31	10.30	10.77
D Maximum Loading Height	m	6.58	7.24	7.24	7.67
E Minimum Loading Height	m	3.65	3.14	2.79	2.08
F Maximum Digging Depth 2.44 m Level Bottom	m	-6.22	-6.78	7.25	-7.91
G Maximum Vertical Wall Digging Depth	m	-4.76	-4.66	-4.97	-5.85
Bucket type		E1500	D1350	D1300	D1150
Tip Radius	mm	1800	1660	1660	1660
Bucket Forces (ISO 6015)	kN	239	194	192	184
Stick Forces (ISO 6015)	kN	219	186	169	152

Mass Excavation Boom Working Ranges

6.18 m Mass (ME) boom configuration



		M2.15E	M2.55E
Stick Length	m	2.15	2.55
A Maximum Digging Depth	m	6.18	6.58
B Maximum Reach at Ground Level	m	9.74	10.16
C Maximum Cutting Height	m	9.84	10.17
D Maximum Loading Height	m	6.46	6.74
E Minimum Loading Height	m	3.45	3.06
F Maximum Digging Depth 2.44 m Level Bottom	m	-5.91	-6.34
G Maximum Vertical Wall Digging Depth	m	-4.66	5.30
Bucket type		E1500	E1500
Tip Radius	mm	1800	1800
Bucket Forces (ISO 6015)	kN	239	227
Stick Forces (ISO 6015)	kN	219	196

Lift capacities with 6.5 m Reach boom

All weights are in kg

330C L

Short Stick
2.15 m
Shoes
750 mm
Bucket Capacity (SAE)
1.9 m³
Bucket Weight
1613 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
7.5 m							*7440	*7440					*6080	5020	8.41
6.0 m							*8020	*8020	*7250	5780			*6030	3980	9.28
4.5 m					*12 230	*12 230	*9190	8420	*7710	5640			5990	3450	9.76
3.0 m							*10 520	7830	*8370	5390			5670	3200	9.94
1.5 m							*11 560	7350	8940	5150			5700	3190	9.82
Ground					*16 430	11 020	*11 990	7090	8770	5000			6090	3430	9.41
–1.5 m			*11 920	*11 920	*15 600	11 150	*11 730	7050	8750	4980			*6720	4030	8.66
–3.0 m			*17 800	*17 800	*13 930	11 460	*10 570	7210							
–4.5 m					*10 740	*10 740									

330C L

Medium Short Stick
2.80 m
Shoes
750 mm
Bucket Capacity (SAE)
1.5 m³
Bucket Weight
1214 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m													*4840	*4840	7.84
7.5 m									*7040				*4510	*4510	9.12
6.0 m									*7100	6290			*4410	3850	9.93
4.5 m					*11 460	*11 460	*8940	*8940	*7670	6310	*7040	4300	*4460	3410	10.39
3.0 m					*14 540	13 000	*10 410	8380	*8430	6120	7060	4210	*4620	3200	10.57
1.5 m					*16 650	12 030	*11 670	7870	*9130	5840	6940	4090	*4930	3180	10.49
Ground					*17 330	11 650	*12 370	7560	9150	5580	6850	4010	*5420	3340	10.13
–1.5 m			*10 960	*10 960	*16 770	11 620	*12 390	7440	9060	5380			*5900	3770	9.47
–3.0 m			*19 310	*19 310	*15 410	11 800	*11 600	7500	*8730	5310			*3930	*3930	8.42
–4.5 m			*17 010	*17 020	*12 790	12 190	*9460	7780		5370					

330C L

Medium Stick
3.2 m
Shoes
800 mm
Bucket Capacity (SAE)
1.45 m³
Bucket Weight
1150 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m													*3840	*3840	8.28
7.5 m									*6470	6460			*3620	*3620	9.48
6.0 m									*6670	6410			*3560	*3560	10.25
4.5 m							*8420	*8420	*7290	6200	*6690	4380	*3620	3250	10.70
3.0 m					*13 690	13 330	*9950	8510	*8110	5900	*7060	4250	*3790	3060	10.87
1.5 m					*16 130	12 230	*11 330	7960	*8890	5610	6960	4110	*4080	3020	10.79
Ground					*17 130	11 710	*12 200	7590	9160	5390	6840	4000	*4540	3160	10.44
–1.5 m	*7850	*7850	*11 590	*11 590	*17 000	11 580	*12 420	7420	9040	5280	6800	3970	*5250	3520	9.80
–3.0 m	*13 290	*13 290	*18 160	*18 160	*15 930	11 690	*11 870	7430	*9050	5300			*4160	*4160	8.80
–4.5 m			*18 760	**18 760	*13 700	12 020	*10 210	7640							

330C L

Long Stick
3.9 m
Shoes
750 mm
Bucket Capacity (SAE)
1.3 m³
Bucket Weight
1120 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m									*4980	*4980			*3010	*3010	9.23
7.5 m													*2830	*2830	10.30
6.0 m									*5920	*5920	*5810	4580	*2770	*2770	11.00
4.5 m									*6610	6340	*6110	4480	*2800	*2800	11.41
3.0 m					*12 130	*12 130	*9070	8730	*7510	6020	*6590	4320	*2920	2700	11.58
1.5 m					*15 020	12 630	*10 640	8120	*8410	5690	7000	4140	*3130	2660	11.50
Ground			*6720	*6720	*16 690	11 870	*11 790	7660	*9130	5410	6830	3990	*3450	2760	11.18
–1.5 m	*6540	*6540	*10 420	*10 420	*17 120	11 560	*12 320	7400	9000	5240	6730	3900	*3960	3030	10.60
–3.0 m	*10 760	*10 760	*15 310	*15 310	*16 560	11 550	*12 150	7330	8950	5190	6750	3920	*4780	3580	9.70
–4.5 m	*15 750	*15 750	*21 320	*21 320	*14 940	11 760	*11 080	7440	*826	5300					
–6.0 m			*16 310	*16 310	*11 720	*11 720	*8360	7790							

Load Point Height Load Radius Over Front Load Radius Over Side Load at Maximum Reach

* Limited by hydraulic rather than tipping load.
The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO 10567, 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.

330C LN

Short Stick
2.15 m
Shoes
600 mm
Bucket Capacity (SAE)
1.9 m³
Bucket Weight
1613 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
7.5 m							*7440	*7440					*6080	4490	8.41
6.0 m							*8020	8000	*7250	5160			*6030	3520	9.28
4.5 m					*12 230	12 090	*9190	7540	*7710	5020			5860	3020	9.76
3.0 m							*10 520	6970	*8370	4780			5550	2790	9.94
1.5 m							*11 560	6500	8760	4540			5570	2770	9.82
Ground					*16 430	9650	*11 990	6240	8590	4390			5960	2980	9.41
–1.5 m			*11 920	*11 920	*15 600	9770	*11 730	6200	8560	4370			*6720	3520	8.66
–3.0 m			*17 800	*17 800	*13 930	10 080	*10 570	6360							
–4.5 m					*10 740	10 640									

330C LN

Medium Short Stick
2.8 m
Shoes
600 mm
Bucket Capacity (SAE)
1.5 m³
Bucket Weight
1214 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m															
7.5 m									*7040	5670			*4840	*4840	7.84
6.0 m									*7100	5680			*4510	4180	9.12
4.5 m					*11 460	*11 460	*8940	8070	*7670	5490	7020	3820	*4410	3430	9.93
3.0 m					*14 540	11 580	*10 410	7510	*8430	5230	6920	3740	*4460	3020	10.39
1.5 m					*16 650	10 640	*11 670	7020	*9130	4960	6790	3620	*4620	2820	10.57
Ground					*17 230	10 280	*12 370	6710	8970	4780	6700	3540	*4930	2790	10.49
–1.5 m			*10 960	*10 960	*16 770	10 250	*12 390	6590	8880	4700			*5420	2940	10.13
–3.0 m			*19 310	*19 310	*15 410	10 420	*11 600	6650	*8730	4760			*5900	3330	9.47
–4.5 m			*17 010	*17 020	*12 790	10 800	*9460	6920					*3930	*3930	8.42

330C LN

Medium Stick
3.2 m
Shoes
600 mm
Bucket Capacity (SAE)
1.45 m³
Bucket Weight
1150 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m													*3840	*3840	8.28
7.5 m									*6470	5830			*3620	*3620	9.48
6.0 m									*6670	5780			*3560	3250	10.25
4.5 m							*8420	8210	*7290	5570	*6690	3900	*3620	2870	10.70
3.0 m					*13 690	11 900	*9950	7630	*8110	5290	6970	3780	*3790	2680	10.87
1.5 m					*16 130	10 840	*11 330	7100	*8890	5000	6820	3640	*4080	2650	10.79
Ground					*17 130	10 330	*12 200	6740	8980	4780	6690	3530	*4540	2770	10.44
–1.5 m	*7850	*7850	*11 590	*11 590	*17 000	10 210	*12 420	6570	8850	4670	6660	3490	*5250	3100	9.80
–3.0 m	*13 290	13 290	*18 160	*18 160	*15 930	10 320	*11 870	6580	8880	4690			*4160	3790	8.80
–4.5 m			*18 760	*18 760	*13 700	10 630	*10 210	6780							

330C LN

Long Stick
3.9 m
Shoes
600 mm
Bucket Capacity (SAE)
1.3 m³
Bucket Weight
1120 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m									*4980	*4980			*3010	*3010	9.23
7.5 m													*2830	*2830	10.30
6.0 m									*5920	*5920	*5810	4100	*2770	*2770	11.00
4.5 m									*6610	5710	*6110	4000	*2800	2510	11.41
3.0 m					*12 130	*12 130	*9070	7860	*7510	5390	*6590	3840	*2920	2350	11.58
1.5 m					*15 020	11 220	*10 640	7260	*8410	5070	6860	3670	*3130	2310	11.50
Ground			*6720	*6720	*16 690	10 480	*11 790	6810	9010	4800	6690	3520	*3450	2400	11.18
–1.5 m	*6540	*6540	*10 420	*10 420	*17 120	10 180	*12 320	6550	8820	4630	6590	3430	*3960	2650	10.60
–3.0 m	*10 760	*10 760	*15 310	*15 310	*16 560	10 170	*12 150	6480	8770	4580	6610	3440	*4780	3150	9.70
–4.5 m	*15 750	*15 750	*21 320	21 070	*14 940	10 380	*11 080	6590	*8260	4690					
–6.0 m			*16 310	*16 310	*11 720	10 830	*8360	6930							

Lift capacities with 6.18 m Mass Excavation boom

All weights are in kg

330C L

Short Stick
2.15 m
Shoes
750 mm
Bucket Capacity (SAE)
1.9 m^3
Bucket Weight
1613 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
7.5 m							*8000	*8000					*5720	5540	8.03
6.0 m							*8370	*8370					*5630	4340	8.95
4.5 m					*12 230	*12 230	*9430	8560	*8050	5690			*5740	3740	9.46
3.0 m					*15 040	12 530	*10 730	8030	*8640	5490			*6030	3470	9.64
1.5 m					*16 670	11 610	*11 760	7560	9070	5270			6100	3470	9.52
Ground					*16 770	11 340	*12 180	7290	8910	5120			6550	3740	9.09
–1.5 m			*15 380	*15 380	*15 860	11 410	*11 820	7240	*8860	5120			*6930	4440	8.3
–3.0 m			*18 040	*18 040	*13 880	11 720	*10 350	7410							
–4.5 m					*9880	*9880									

330C L

Medium Stick
2.55 m
Shoes
750 mm
Bucket Capacity (SAE)
1.9 m^3
Bucket Weight
1613 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m															
7.5 m													*4170	*4170	7.13
6.0 m							*7830	*7830	*7240	5890			*3820	*3820	8.54
4.5 m					*11 400	*11 400	*8950	8690	*7680	5780			*3730	*3730	9.40
3.0 m					*14 320	12 890	*10 330	8140	*8360	5540			*3780	3440	9.88
1.5 m					*16 360	11 860	*11 510	7640	*8980	5300			*3960	3200	10.05
Ground					*16 910	11 440	*12 120	7320	8910	5120			*4290	3190	9.94
–1.5 m			*14 260	*14 260	*16 310	11 410	*11 990	7220	8850	5060			*4820	3410	9.54
–3.0 m			*19 890	*19 890	*14 640	11 630	*10 870	7320					*5690	3980	8.8
–4.5 m			*15 050	*15 050	*11 300	*11 300							*5800	5260	7.6

Load Point Height Load Radius Over Front Load Radius Over Side Load at Maximum Reach

* Limited by hydraulic rather than tipping load.
The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO 10567, 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.

330C LN

Short Stick
2.15 m
Shoes
600 mm
Bucket Capacity (SAE)
1.9 m³
Bucket Weight
1613 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
7.5 m							*8000	*8000					*5720	4970	8.03
6.0 m							*8370	8070					*5630	3850	8.95
4.5 m					*12 230	*12 230	*9430	7680	*8050	5070			*5740	3290	9.46
3.0 m					*15 040	11 110	*10 730	7160	*8640	4870			5930	3040	9.64
1.5 m					*16 670	10 220	*11 760	6700	8890	4650			5960	3030	9.52
Ground					*16 770	9960	*12 180	6430	8730	4510			6410	3270	9.09
–1.5 m			*15 380	*15 380	*15 860	10 030	*11 820	6390	8720	4500			*6930	3900	8.3
–3.0 m			*18 040	*18 040	*13 880	10 330	*10 350	6550							
–4.5 m					*9880	*9880									

330C LN

Medium Stick
2.55 m
Shoes
600 mm
Bucket Capacity (SAE)
1.9 m³
Bucket Weight
1613 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				
															m
9.0 m													*4170	*4170	7.13
7.5 m													*3820	*3820	8.54
6.0 m							*7830	*7830	*7240	5270			*3730	3500	9.40
4.5 m					*11 400	*11 400	*8950	7810	*7680	5150			*3780	3010	9.88
3.0 m					*14 320	11 460	*10 330	7270	*8360	4920			*3960	2790	10.05
1.5 m					*16 360	10 470	*11 510	6780	8920	4680			*4290	2770	9.94
Ground					*16 910	10 060	*12 120	6470	8720	4510			*4820	2970	9.54
–1.5 m			*14 260	*14 260	*16 310	10 030	*11 990	6360	8660	4450			*5690	3490	8.8
–3.0 m			*19 890	*19 890	*14 640	10 240	*10 870	6460					*5800	4660	7.6
–4.5 m			*15 050	*15 050	*11 300	10 720									

Load Point Height Load Radius Over Front Load Radius Over Side Load at Maximum Reach

* Limited by hydraulic rather than tipping load.
The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO 10567, 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 specifics.

Operator Environment
Ash tray with cigar lighter
Bi-level air conditioner with automatic climate control
Bolt-on FOGS capability
Coat hook
Drink holder
Emergency exit
Fixed one piece front windscreen
Floormat washable
Fully adjustable suspension seat with headrest
Heater and Defroster
Joysticks, adjustable and pre-wired with sliding switches for auxiliary functions
Light, interior
Literature holder
Low fuel indicator light
Parallel mounted bottom wiper and washer
Polycarbonate Skylight
Positive filtered ventilation
Power supply 12V - 7A
Pre-wired radio mounting (2)
Retractable seatbelt
Return filter clogging alarm
Stationary skylight
Storage compartment suitable for a lunch box cooler
Sun visor
Travel control pedals with removable hand levers

Language display Multipro
Gauges for fuel level, engine coolant temperature and hydraulic oil temperature
Indicator for engine dial setting
Warning messages
Filter/fluid change information
Pre-start Level Check for hydraulic oil, engine oil and coolant
Working hour information
Clock with 10 day back-up battery

Engine
Automatic engine speed control
Cat C9 diesel engine, HEUI, turbocharged with air-tor-air aftercooler
Muffler
Oil cooler
Water separator

Undercarriage
Grease lubricated track-type undercarriage
Heavy Duty bottom guarding
Heavy Duty swivel guard
Hydraulic track adjusters
Idler and center section track guiding guards
Shoes:
750 mm triple grouser – 330C L
600 mm triple grouser – 330C LN
Two-speed auto shift travel

Hydraulics
Automatic work modes
Auxiliary hydraulic valve
Boom and stick regeneration circuit
Fine swing Control
Hydraulic neutralizer lever for all controls
Oil cooler

Electrical
Alternator, 65 amp
Heavy Duty maintenance free batteries (2)
Horn
Main shut-off switch
Working lights:
Boom, both sides
Cab mounted, two
Frame mounted, one

Other Equipment
Automatic swing parking brake
Counterweight
Door locks and caps locks with Caterpillar one-key security system
Mirrors, frame and cab

Optional Equipment

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

Operator Enviromnent
Falling object guard
Hydraulic modulation pedal
Openable front windshield, 50/50 split
Seat heater
Straight travel pedal
Visor rain protection

Engine
Air Pre-cleaner with wider pitch radiator core
Cooling system, high ambient
Starting aid, cold weather
Starting aid, ether

Booms
Reach 6.50 m
Mass Excavation 6.18 m

Sticks
Sticks with 6.50 m Reach boom
- 2150 mm
- 2800 mm
- 3200 mm
- 3900 mm

Sticks with 6.18 ME boom
- 2150 mm
- 2550 mm

Buckets
Bucket linkage D and E family
Ground engaging tools

Undercarriage
Full length track guiding
Sprocket track guiding
Track (triple grouser):
- 330C L
  - 600 mm
  - 600 mm HD
  - 750 mm HD
  - 850 mm
- 330C LN
  - 600 mm HD

Hydraulics
Basic Auxiliary Arrangement providing 5 preprogrammable pressure/flow positions
- One-way, includes one/two pump capability
- One-way/Two-way, includes one/two pump capability and medium pressure

Boom lowering control device with Smart Boom™ and overload warning device
Clamshell actuator
Control group for Quick coupler
Dedicated Cat quick coupler
Fine Fitration Filter
Hydraulic lines for boom and stick
Installation of and setting for Cat hydro-mechanical tools: Multi-processors, hammers, sorting and demolition grapples, quick couplers
Stick lowering control device
Synthetic Ester based Bio hydraulic oil
Two-way medium pressure

Electrical
Electric Refueling pump

Other Equipment
Product Link (PL-201)

330C L and 330C LN Hydraulic Excavators

HEHH2763 (03/2002) hr

CATERPILLAR®