



**325B L
330B L
345B L**

Ultra-high Demolition



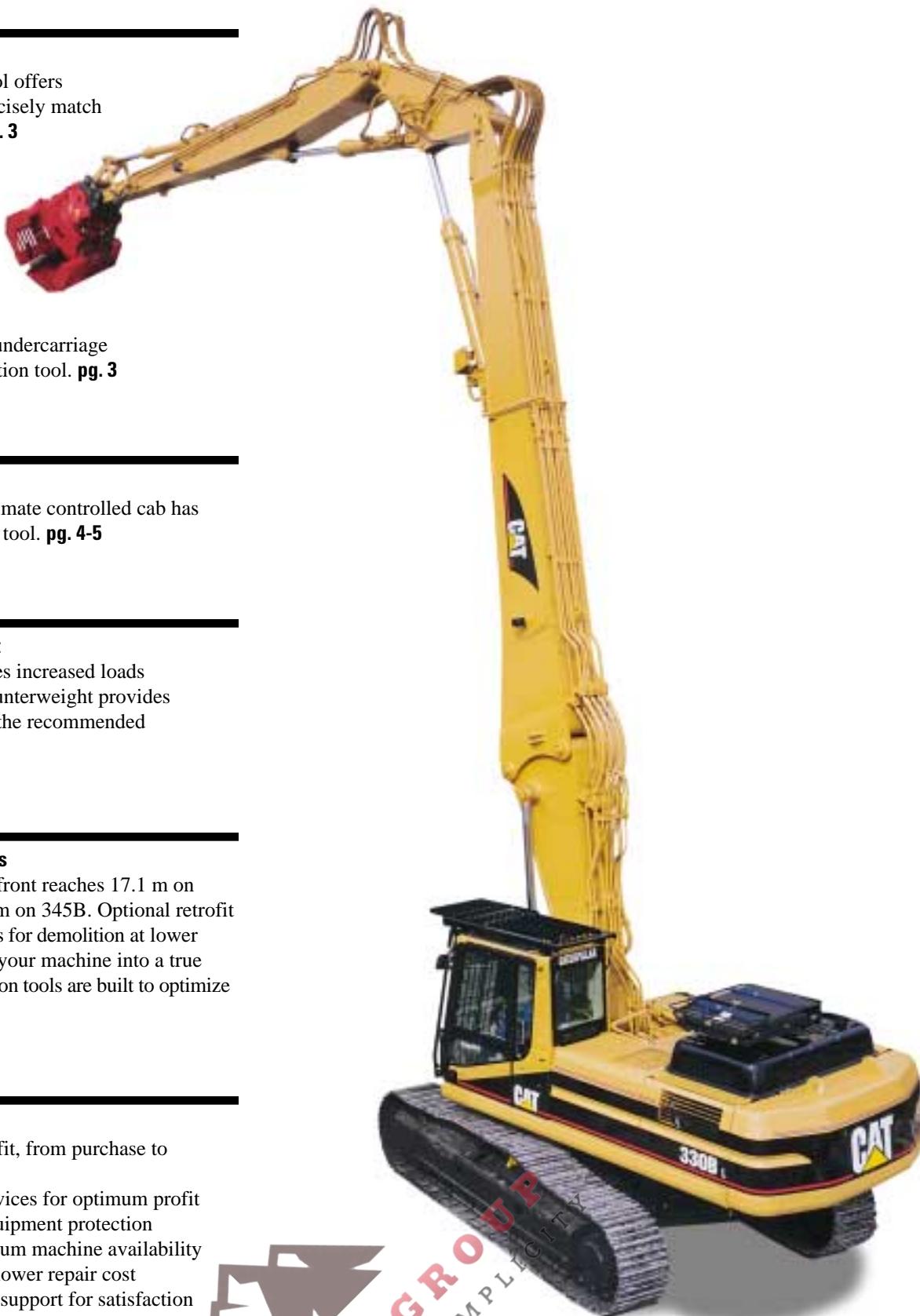
	325B L	330B L	345B L
Cat® turbocharged engine	3116 TA	3306 TA	3176C ATAAC
Gross power	132 kW/177 hp	176 kW/236 hp	233 kW/312 hp
Flywheel power	125 kW/168 hp	165 kW/222 hp	216 kW/290 hp
Operating weight range	30 000 to 40 000 kg	36 700 to 45 140 kg	48 000 to 59 000 kg
Work tool	2300 kg	2300 to 3000 kg	2300 to 3000 kg

325B L, 330B L and 345B L Ultra-high Demolition

Heavy-Duty purpose designed and built for your demolition job.

Hydraulics

Auxiliary hydraulic flow control offers 4 programmable settings to precisely match hydraulic tool requirements. **pg. 3**



Undercarriage

Caterpillar® excavator undercarriage is stable, durable and low maintenance. Optional heavy-duty hydraulic variable undercarriage allows usage of heavier demolition tool. **pg. 3**

Operator Station

Roomy, quiet, automatically climate controlled cab has excellent sightlines to the work tool. **pg. 4-5**

Upper frame and counterweight

Heavy-duty upper frame handles increased loads and movements. Additional counterweight provides maximum stability throughout the recommended working range. **pg. 6**

Booms, sticks and working tools

3-piece Ultra-high Demolition front reaches 17.1 m on 325B, 21 m on 330B and 22.8 m on 345B. Optional retrofit boom nose and demolition sticks for demolition at lower heights or normal digging turn your machine into a true all-rounder. Caterpillar demolition tools are built to optimize the excavator/tool system. **pg. 7**

Cat '5 Star Customer Service'

Turns your investment into profit, from purchase to resale through:

- Equipment Management Services for optimum profit
- Maintenance Services for equipment protection
- Predictive Services for optimum machine availability
- Reconditioning Services for lower repair cost
- Your Caterpillar dealer parts support for satisfaction and peace of mind **pg. 23**



Hydraulics

Auxiliary flow is programmable for ease of switching hydraulic tools.

Dramatically increased control responsiveness

aids operation and improves controllability at higher heights.

- Control movements are better matched to hydraulic action for improved operator performance.
- Improved swing damping restrains drift and improves positioning reducing operator fatigue.
- Pilot pump flow is dramatically increased for superior multi-function actuation control.

Fine swing control cushions swing start and stop for better implement control.



Auxiliary hydraulic flow control system provides four programmable flow presets to precisely match hydraulic tool requirements. 2 presettings are available for 2-way hydraulic tools as rotating crushers and steel shears; the other 2 available presettings are reserved for 1-way hydraulic tools as hammers.



Undercarriage

Durable undercarriage absorbs stresses and provides excellent stability.

The L undercarriage provides a stable and rugged working platform for demolition.

Full length track guiding guards complete the machine's guarding package

The optional hydraulic adjustable undercarriage increases the stability by lowering the centre of gravity of the machine, resulting in the usage of a bigger tool. The non-bolt joint allows changing from shipping to working width or reverse in less than a minute (available for 330B and 345B Ultra-high Demolition).



Operator Station

Designed for comfort and ease of operation.



1

CAT

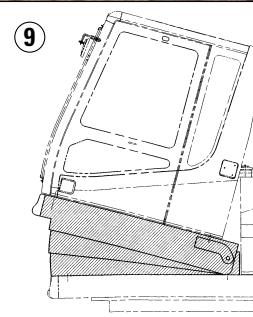
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5

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2

8





This operator work station is quiet with ergonomic control placement

and convenient adjustments, low lever and pedal effort, ergonomic seat design, and highly efficient ventilation. The result is a cab that puts the operator firmly and comfortably in control to enhance productivity.

High visibility cab with top and front window out of bullet proof glass. Top window goes completely to the front for enhanced upward visibility. Front window is one-piece and flat with top and bottom mounted wipers. The upper left side door window can slide open. The lower window provides visibility to the tracks and the ground next to the machine. The rear window offers a good view behind and to the left, aided by a lower hood profile.

Falling object guard top and front is standard. Crossbars of top guard angled in line with sight for enhanced visibility to the tool.

Greater control convenience.

Each of the controls is positioned within easy reach of the operator.

1 Caterpillar Maestro Electronic Control System panel

includes fuel level, hydraulic oil temperature and engine temperature gauges, machine condition indicators, and operator controls in a single console.

2 Automatic climate control maintains constant temperature in the cab in both hot and cold weather conditions.

3 Joysticks control all implements and swing functions with minimal effort. Ready to go auxiliary controls for use with rotating concrete crusher/steel shear. The integrated joystick consoles adjust to operator preference. Joystick consoles are suspended as part of the seat arrangement. Height can be adjusted independently of the seat.

4 Dial throttle with ten settings for simple, precise repeatable engine speed adjustment.

5 Hand or foot actuated travel controls allow the operator to move the excavator while working the boom, stick and bucket. Hand levers are easily removable.

6 Optional straight travel pedal

provides forward or reverse straight line travel. Steering adjustments can be made by using right or left travel pedals in combination with the straight travel pedal.

7 Hydraulic activation control lever

deactivates hydraulic functions and prevents start-up when the operator exits the cab.

8 The fully adjustable suspension seat includes an impressive range of comfort features. In addition to fore/aft height and weight adjustments, it also offers lumbar, wide arm support/rests and a retractable seat belt.

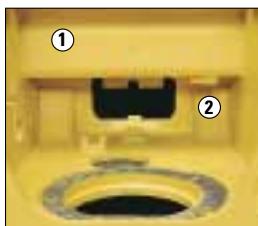
9 Hydraulically tilting cab support

allows to incline the cab back within the range of 0 to 15 degrees for a further improvement of the upwards visibility. This optional equipment allows the operator to adopt a more comfortable body position. The tiltable cab support platform, which is operated via a key switch, is a 30 cm high insert between skirt and cab. It also moves the cab 20 cm forward to create the space for a tilt angle of 15 degrees. It is only available on the 345B.

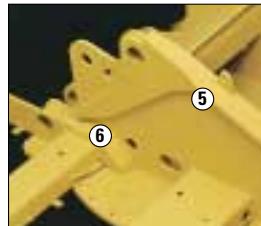
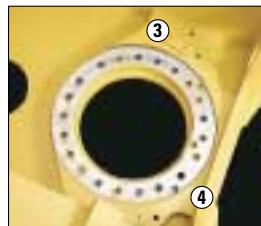
Upper frame and Counterweight

Purposely designed and built for extreme conditions.

Heavy-duty
Upper Frame



Standard
Upper Frame



1 Box-section cross member

Standard



2 Box-section cylinder mounts help handle increased torsional loads and payloads.

Heavy-duty



3 Horizontal mounting plate provides up to 75% more surface area for swing drive and swing bearing mounting bolts.

4 Thicker main rail spreader gussets handle increased loads and movements.

5 Steel main frames are 15-20% thicker with a 55% increase in tensile strength.

6 Boom tower vertical doubler plates add reinforcement for increased side loads and payloads.



Upper frame protection

- **Heavy-duty bottom and swivel** guard are standard.
- **Optional additional bumpers** help protect the sheet metal against debris caught by the tracks.

Swing bearing to upper frame bolts are 20 mm longer on the back half of upper frame for increased joint retention. Bolt grade is increased from 10.9 to 11.9 for increased bolt torque of swing bearing to upper frame and carbony.

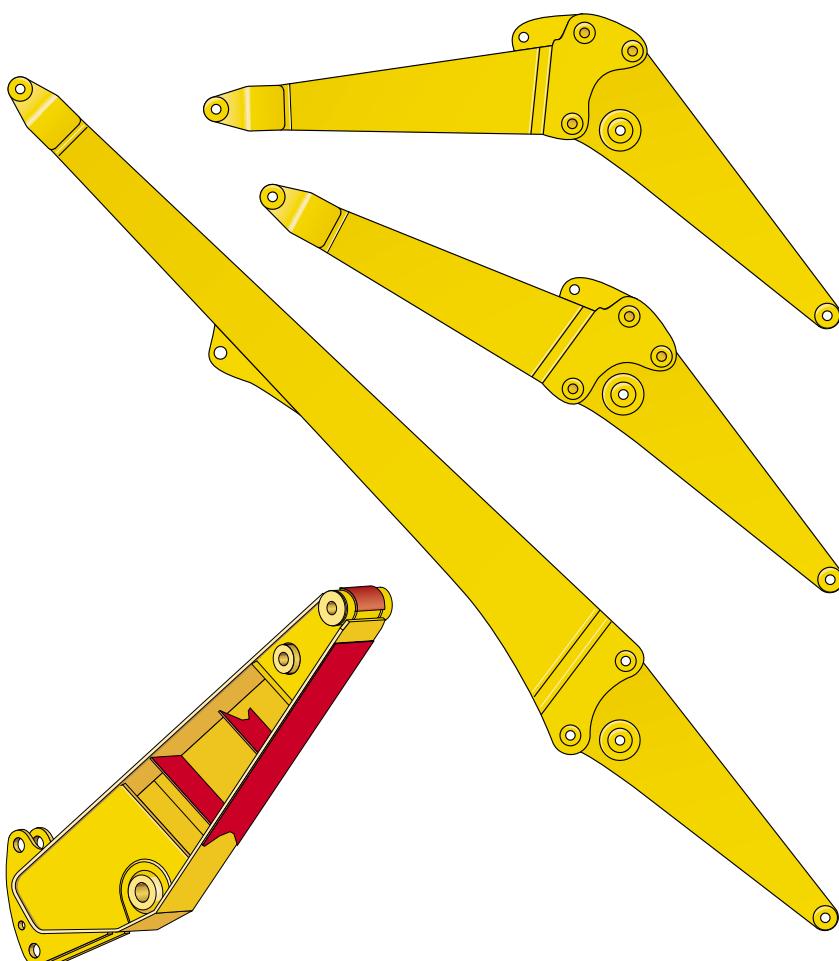
Heavier counterweight balances the swing bearing and provides enhanced stability.

- 325B L – 7730 kg
- 330B L – 8330 kg
- 345B L – 11 000 kg



Booms, Sticks and Working Tools

Maximum versatility gets the best out of your machine.



2 piece main boom with pin-mounted joint between boom foot and boom nose.

Retrofit capability with short 2-position boom nose on fixed boom foot for clean-up, demolition (hammer use) and digging. Adds to the machine's extreme versatility by allowing the retrofit boom nose to be mounted in a straight (demolition) or cranked (digging) position.

Special stand to support long boom or short retrofit boom when changing configuration.

Purposely designed and built demolition sticks match the short boom nose

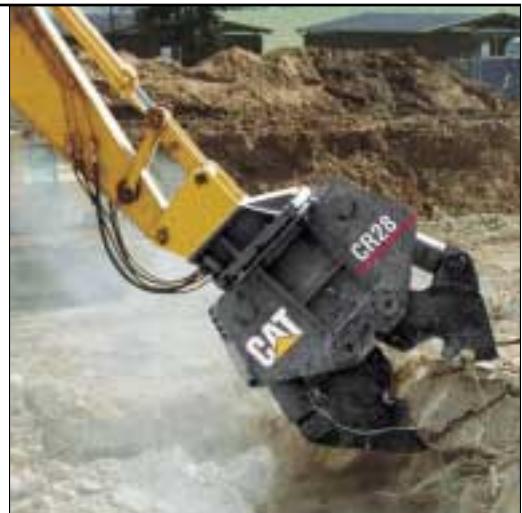
- additional internal reinforcements to support mechanical shears or thumb buckets
- heavier plates
- 12 mm bottom wear plate
- through hardened bores

B family bucket linkage on 325B and 330B

C family bucket linkage on 345B

Lowering control devices are installed on all boom and stick cylinders.

An electronic warning device signals the operator when the main boom gets out of the recommended working range.



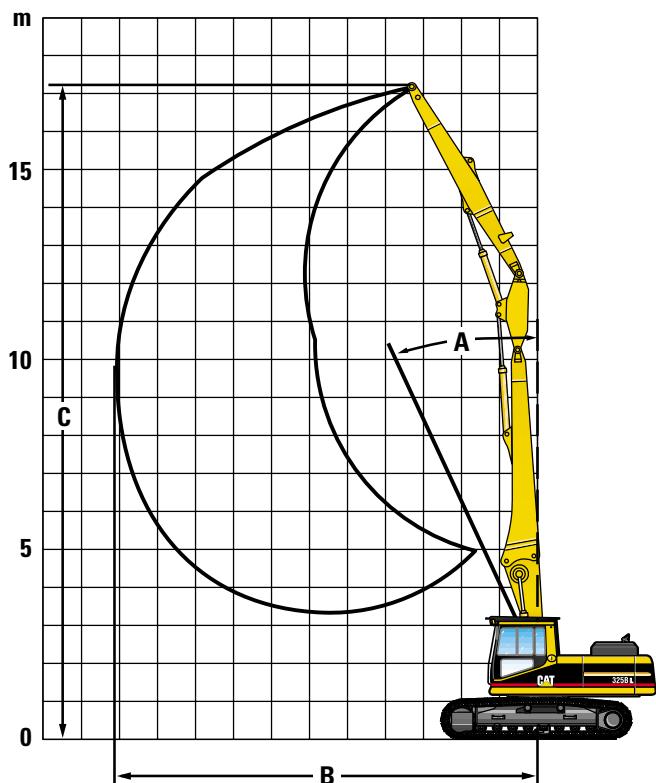
Choose from a variety of Caterpillar work tools such as concrete crushers and pulverizers, steel shears, demolition grapples, hydraulic hammers and quick couplers.

WGCCHUN GROUP
QUALITY, SIMPLICITY

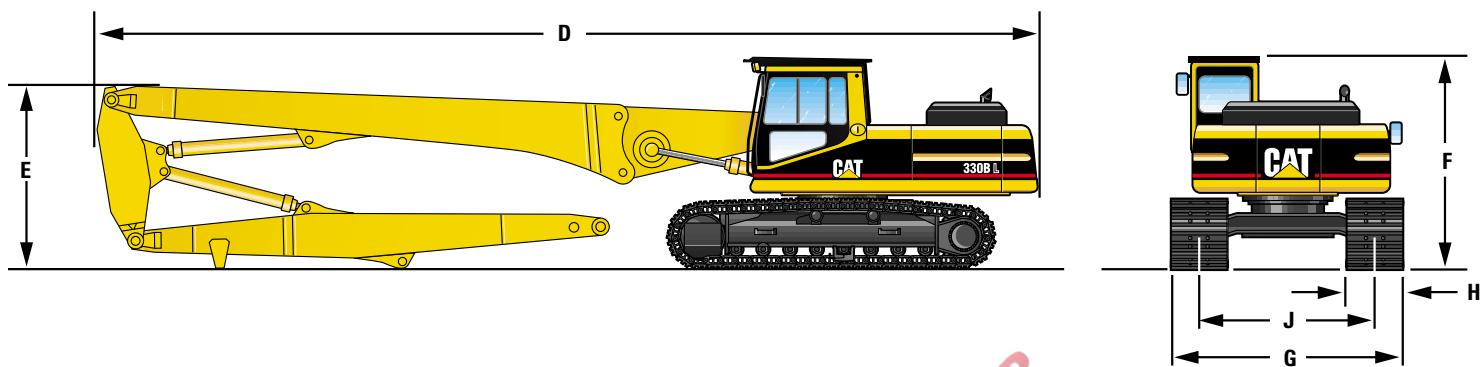
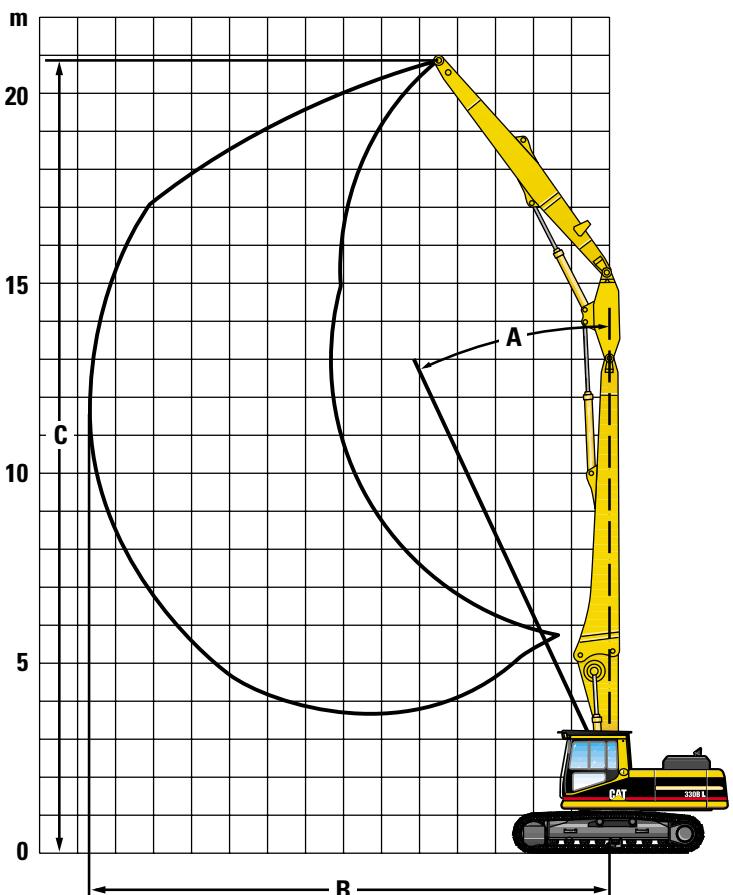
Shipping Dimensions and Recommended Working Range Ultra-high Demolition – Front Parts

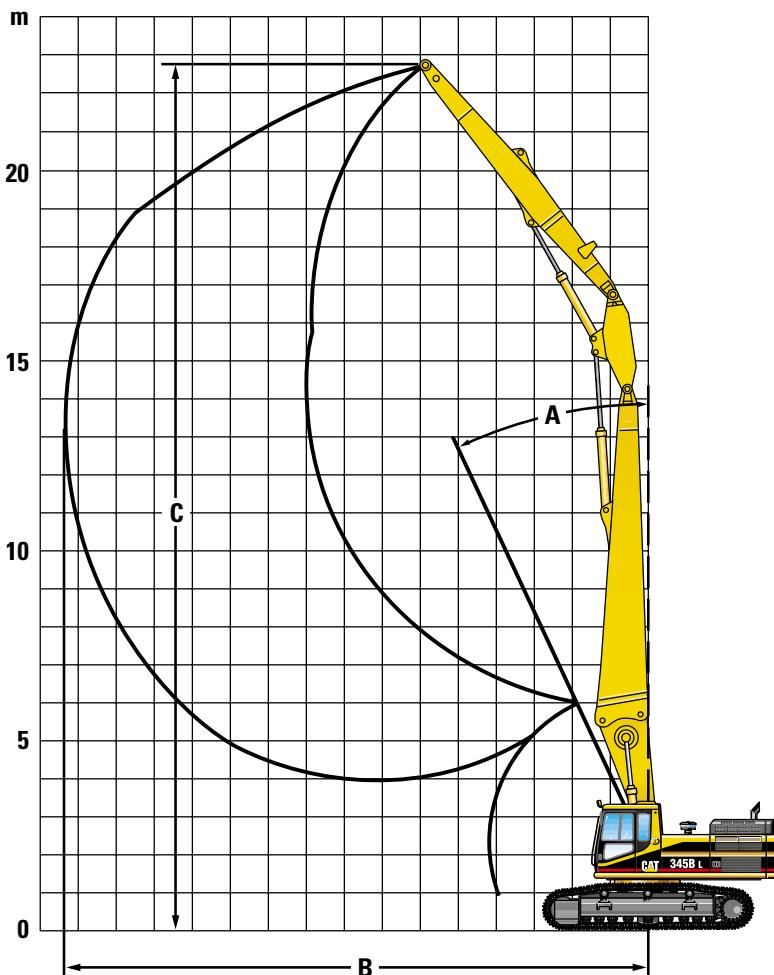
All dimensions and weights are approximate.

325B L



330B L



345B L**325B****330B****345B**

A Maximum allowable angle from vertical

25° 25° 25°

B Maximum allowable horizontal reach

11.1 m 13.8 m 15.3 m

C Maximum vertical pin height

17.1 m 20.9 m 22.8 m

Maximum tool weight*

with L undercarriage

2300 kg 2300 kg 2300 kg

with hydraulic wide gauge undercarriage

3000 kg 3000 kg

* Design of the mounting bracket is critical. Weight includes mounting bracket and Quick Coupler (if any).

Range is applicable in 360° and dependent on undercarriage choice and maximum weight of work tool.

	325B	330B	345B
D Overall length	12.56 m	14.90 m	16.25 m
E Boom height	2.89 m	2.90 m	3.44 m
F Cab height*			
with Falling Object Guard	3.33 m	3.34 m	3.67 m
without Falling Object Guard	3.14 m	3.15 m	3.48 m
G Overall width	3.39 m	3.34 m	3.49 m
H Track shoe width	0.80 m	0.75 m	0.60 m
J Track gauge	2.59 m	2.59 m	
Fully retracted		2.39 m	
Fully extended		2.89 m	
Weight**	39 570 kg	52 640 kg	

* Cab height must be increased by 0.3 m when equipped with hydraulically tiltable cab.

**If equipped with Super-long Demolition Front Part, "B" Linkage, "High Visibility" Eurocab, Falling Object Guard, Heavy Duty Long Undercarriage, Triple Grouser Track Shoes and without Tool.

With Hydraulic Wide Undercarriage**(if equipped)****330B****345B**

H Track shoe width

0.75 m 0.60 m

G Overall width

Fully retracted 3.15 m 3.00 m

Fully extended 3.55 m 3.60 m

J Track gauge

Fully retracted 2.40 m 2.40 m

Fully extended 2.80 m 3.00 m

Weight*

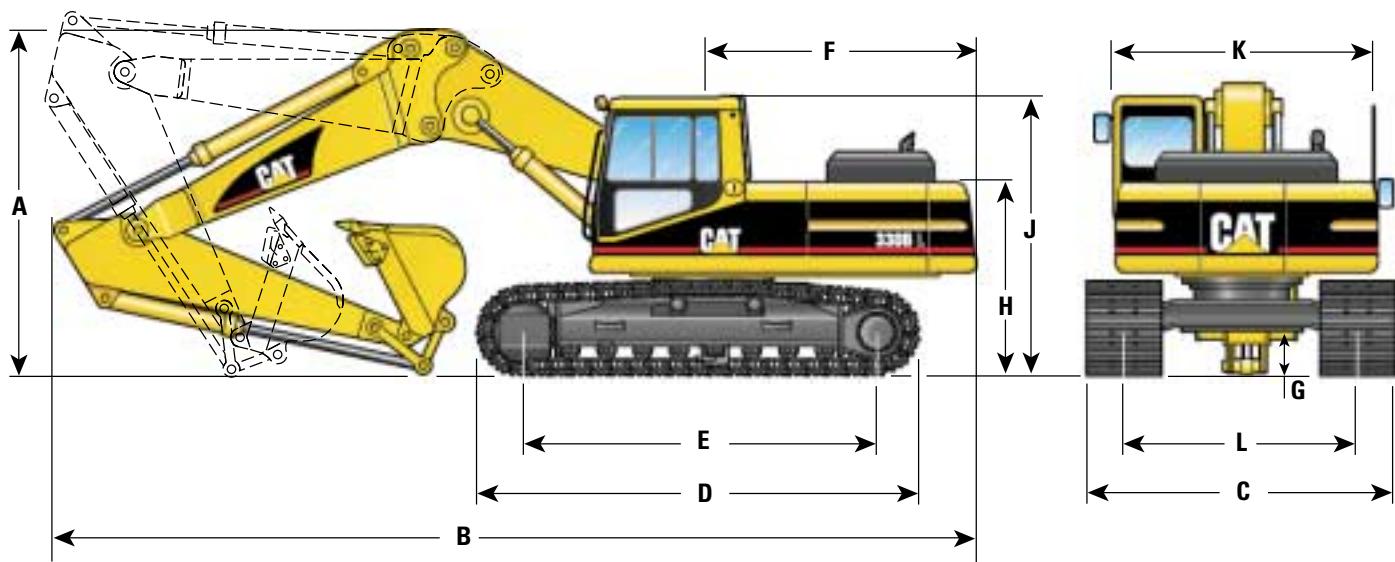
45 140 kg 59 000 kg

* If equipped with Ultra-high Demolition Front Part, corresponding Linkage, "High Visibility" Eurocab, Falling Object Guard, Triple Grouser Track Shoes, Heavy Duty Long Hydraulic Wide Undercarriage and without Tool.

For information on specifications for configurations other than those included in the above charts, consult your Caterpillar dealer.

Dimensions and Weights – Straight and Bent Position

All dimensions and weights are approximate.



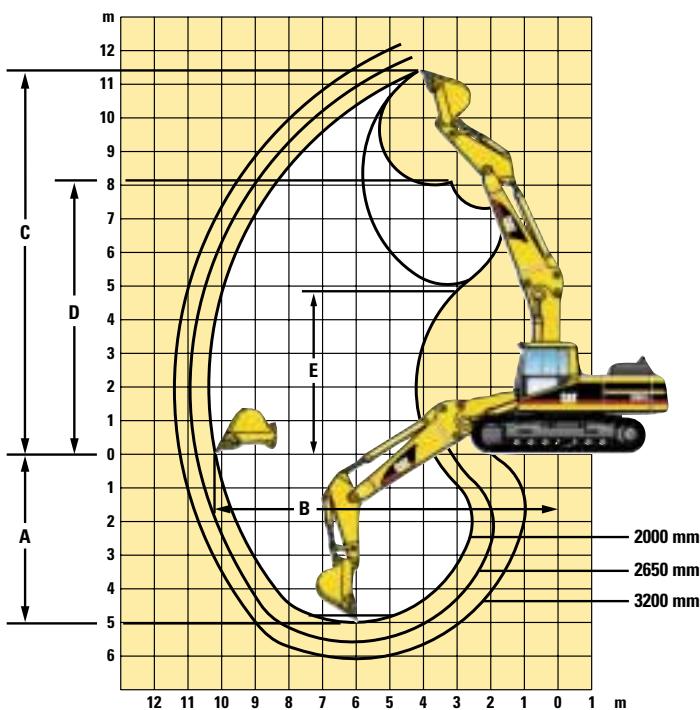
A	Boom Height	325B L	330B L	345B L
Straight Position				
stick	R2.0D	3.45 m	R2.15E	3.60 m
stick	R2.65C	3.49 m	R2.80D	3.65 m
stick	R3.2C	3.59 m	R3.30D	3.85 m
stick			R3.90D	4.30 m
Bent Position				
stick	R2.0D	3.96 m	R2.15E	4.31 m
stick	R2.65C	3.54 m	R2.80D	4.31 m
stick	R3.2C	3.82 m	R3.30D	4.15 m
stick			R3.90D	4.36 m
B	Overall Length			
Straight Position				
stick	R2.0D	11.00 m	R2.15E	12.10 m
stick	R2.65C	10.80 m	R2.80D	11.63 m
stick	R3.2C	10.79 m	R3.30D	11.65 m
stick			R3.90D	11.50 m
Bent Position				
stick	R2.0D	10.38 m	R2.15E	11.62 m
stick	R2.65C	10.18 m	R2.80D	11.32 m
stick	R3.2C	10.16 m	R3.30D	11.26 m
stick			R3.90D	11.35 m
C	Overall width 600 mm shoes	3.19 m	3.19 m	2.99 m
D	Track length	4.66 m	5.02 m	5.37 m
E	Length to centers of rollers	3.80 m	4.04 m	4.34 m
F	Tail swing radius	3.05 m	3.50 m	3.65 m
G	Ground clearance	0.48 m	0.51 m	0.71 m
H	Body height	2.13 m	2.26 m	2.53 m
J	Cab height			
	with Falling Object Guard	3.33 m	3.34 m	3.67 m
	without Falling Object Guard	3.14 m	3.15 m	3.48 m
K	Body width	2.90 m	3.00 m	2.99 m
L	Track gauge	2.59 m	2.59 m	2.39-2.89 m
Weight*	31 920 to 32 460 kg	36 700 to 37 070 kg	51 390 to 52 245 kg	
With Hydraulic Wide Undercarriage (if equipped)		330B L	345B L	
C	Overall width 600 mm shoes			
	Shipping width	3.00 m	3.00 m	
	Working width	3.45 m	3.60 m	
L	Track gauge			
	Fully retracted	2.40 m	2.40 m	
	Fully extended	2.85 m	3.00 m	
Weight**	42 270 to 42 640 kg	57 750 to 59 345 kg		

* If equipped with Retrofit-Straight Boom Front Part, Linkage, "High Visibility" Eurocab, Falling Object Guard, Heavy Duty Long Undercarriage, 600 mm Triple Grouser Track Shoes, Stick and Bucket (1.2 m³ – 330B, 2.0 m³ – 345B).

**If equipped with Retrofit-Bent Boom Front Part, "High Visibility" Eurocab, Falling Object Guard, Linkage, 600 mm Triple Grouser Track Shoes, Stick, Heavy Duty Long Hydraulic Wide Undercarriage, Bucket: (1.2 m³ – 330B, 2.0 m³ – 345B).

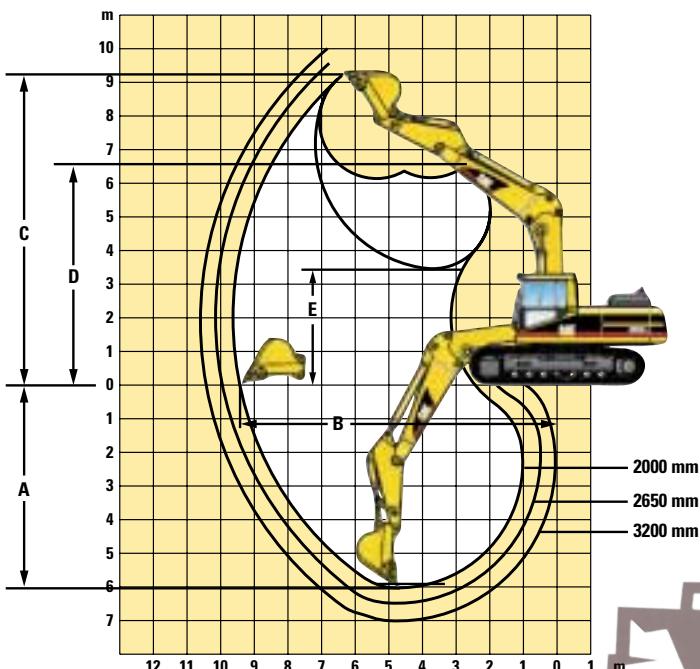
For information on specifications for configurations other than those included in the above charts, consult your Caterpillar dealer.

325B L Working Ranges – Straight Position



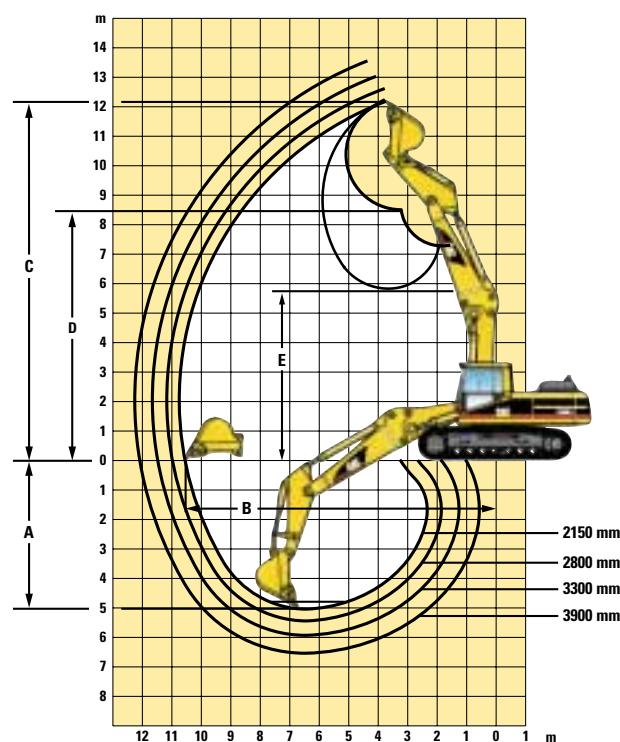
	R2.0D	R2.65C	R3.2C
Stick Length	2.0 m	2.65 m	3.2 m
A Maximum Digging Depth	5.04 m	5.56 m	6.11 m
B Maximum Reach at Ground Level	10.13 m	10.68 m	11.22 m
C Maximum Cutting Height	11.33 m	11.80 m	12.17 m
D Maximum Loading Height	8.06 m	8.73 m	9.19 m
E Minimum Loading Height	4.80 m	4.21 m	3.64 m

325B L Working Ranges – Bent Position



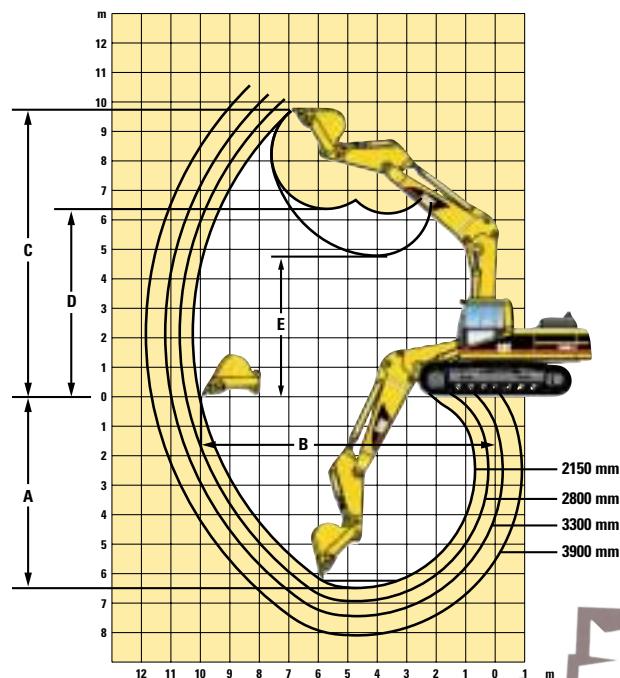
	R2.0D	R2.65C	R3.2C
Stick Length	2.0 m	2.65 m	3.2 m
A Maximum Digging Depth	5.94 m	6.46 m	7.01 m
B Maximum Reach at Ground Level	10.42 m	10.94 m	11.43 m
C Maximum Cutting Height	9.22 m	9.55 m	9.71 m
D Maximum Loading Height	6.20 m	6.70 m	6.88 m
E Minimum Loading Height	3.50 m	2.97 m	2.43 m

330B L Working Ranges – Straight Position



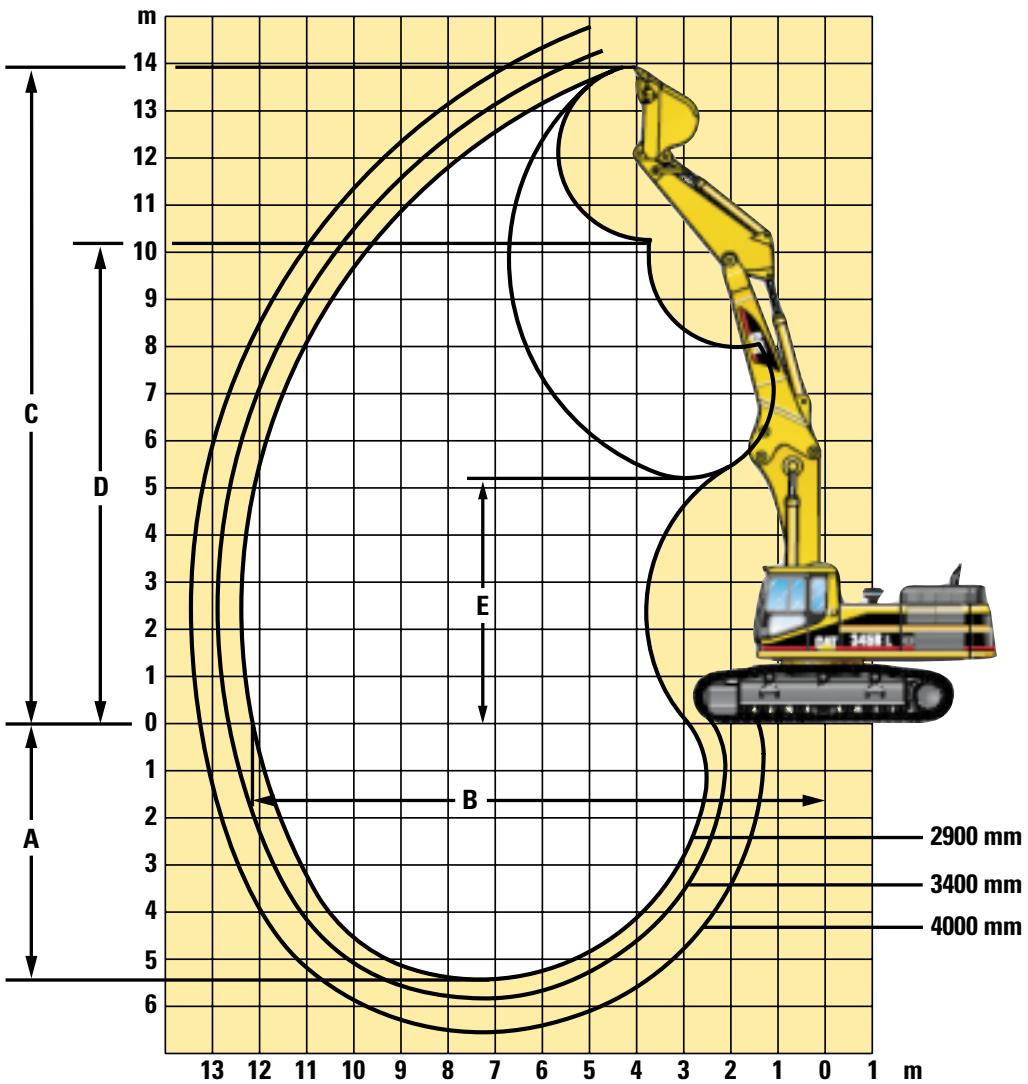
	R3.9D	R3.3D	R2.8D	R2.15E
Stick Length	3.9 m	3.3 m	2.8 m	2.15 m
A Maximum Digging Depth	6.55 m	5.95 m	5.45 m	4.98 m
B Maximum Reach at Ground Level	12.14 m	11.54 m	11.05 m	10.55 m
C Maximum Cutting Height	13.57 m	13.04 m	12.63 m	12.18 m
D Maximum Loading Height	10.26 m	9.73 m	9.32 m	8.49 m
E Minimum Loading Height	5.83 m	6.38 m	6.81 m	7.39 m

330B L Working Ranges – Bent Position



	R3.9D	R3.3D	R2.8D	R2.15E
Stick Length	3.9 m	3.3 m	2.8 m	2.15 m
A Maximum Digging Depth	8.05 m	7.45 m	6.95 m	6.48 m
B Maximum Reach at Ground Level	11.53 m	10.93 m	10.48 m	9.99 m
C Maximum Cutting Height	10.56 m	10.26 m	10.10 m	9.73 m
D Maximum Loading Height	7.45 m	7.16 m	6.99 m	6.39 m
E Minimum Loading Height	4.77 m	5.31 m	5.74 m	6.20 m

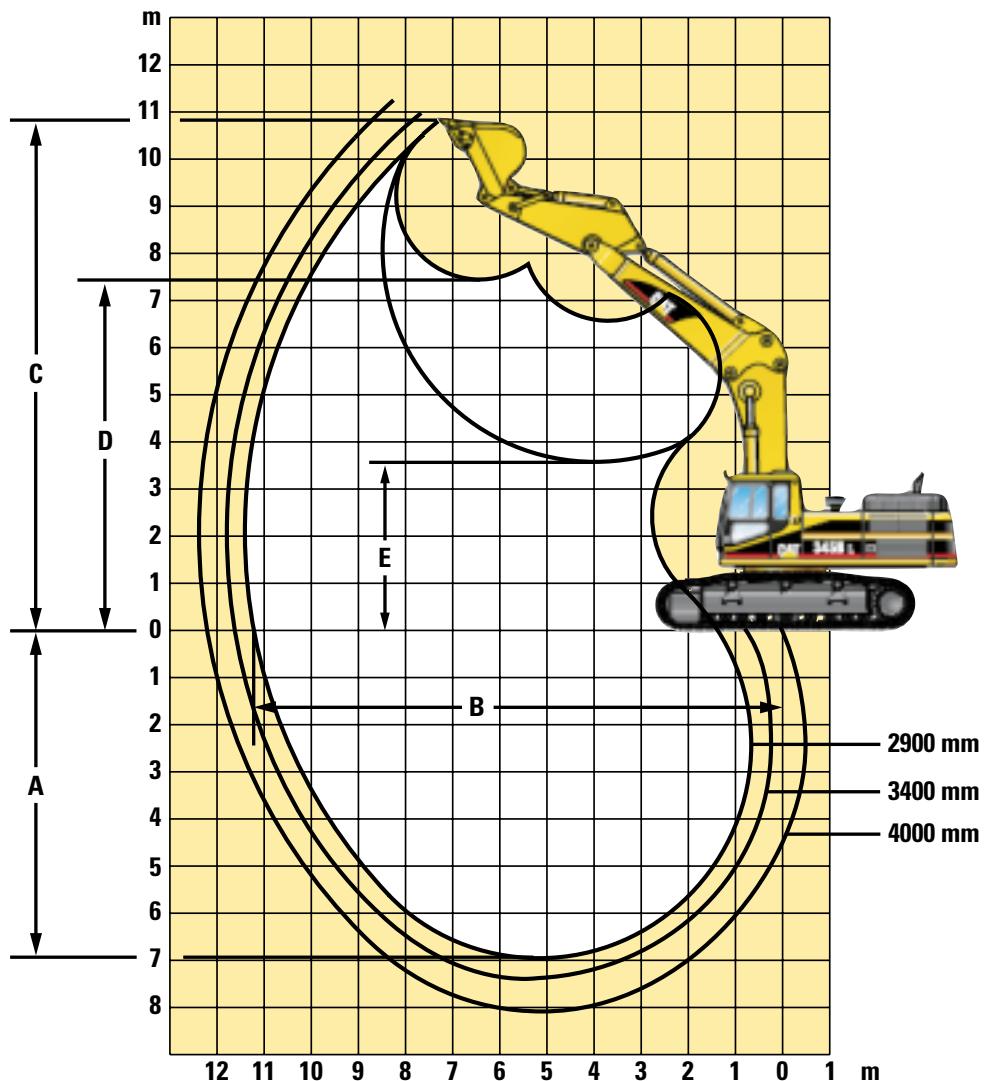
345B L Working Ranges – Straight Position



	R2.9T	R3.4T	R4.0T
Stick Length	2.9 m	3.4 m	4.0 m
A Maximum Digging Depth	5.41 m	5.86 m	6.51 m
B Maximum Reach at Ground Level	12.18 m	12.64 m	13.23 m
C Maximum Cutting Height	13.91 m	14.27 m	14.79 m
D Maximum Loading Height	10.18 m	10.53 m	11.48 m
E Minimum Loading Height	5.14 m	4.74 m	4.1 m



345B L Working Ranges – Bent Position



	R2.9T	R3.4T	R4.0T
Stick Length	2.9 m	3.4 m	4.0 m
A Maximum Digging Depth	6.97 m	7.42 m	8.07 m
B Maximum Reach at Ground Level	11.20 m	11.60 m	12.20 m
C Maximum Cutting Height	10.81 m	10.97 m	11.24 m
D Maximum Loading Height	7.35 m	7.51 m	7.75 m
E Minimum Loading Height	3.43 m	2.98 m	2.33 m

Standard Equipment

Standard and optional equipment may vary. Consult your Caterpillar dealer for specifics.

Air precleaner	Instrument panel with gauges	Heavy duty bottom guards
Alternator, 52-amp	Gauges and indicator lights for fuel level, coolant temperature and hydraulic oil temperature	Heavy duty underhouse
Automatic engine speed control		High ambient cooling
Automatic swing parking brake		Hydraulic neutralizer lever for all controls
Auxiliary outletport on tank with screen	Light, interior	Lights, working
Bucket linkage	Literature compartment	Frame mounted, one
B family on 325B and 330B	Lowering control devices	Boom, both sides
C family on 345B	Low fuel indicator light	Cab mounted, two
Cat engines:	Joysticks, adjustable pilot-operated	Mirrors, frame and cab
325B L – 3116 TA diesel engine with 24-volt electric starting and air intake heater	Prewired radio mounting	Muffler
330B L – 3306 TA diesel engine with 24-volt electric starting and air intake heater	Positive filtered ventilation	Pre-start monitoring system
345B L – 3176 ATAAC diesel engine with 24-volt electric starting and air intake heater	Seat belt, retractable	Polycarbonate and glass windows
High visibility cab	Seat, suspension, fully adjustable	Power Mode Selector
Air conditioner with automatic climate control	Stationary skylight	Power train
Ash tray with cigar lighter	Storage compartment suitable for a lunch box cooler	Return filter clogging alarm
Coat hook	Travel control pedals	Water separator
Drink holder	Two-speed auto shift travel	Work Mode Selector
Floor mat	Windshield wiper and washer	Undercarriage
Heater and defroster	Combined auxiliary hydraulic circuit	Hydraulic track adjusters
Horn	Counterweight	Track-type sealed undercarriage
	Door locks and caps locks with Caterpillar one-key security system	325B L – 800 mm triple-grouser shoes
	Falling object guard	330B L – 750 mm triple-grouser shoes
	Fine swing control	345B L – 600 mm triple-grouser shoes
	Full length track guiding guards	
	Fully pressurized hydraulic system	

Optional Equipment

(with approximate change in operating weight)

Refueling pump	Track 330B L: 600 mm triple-grouser shoes 600 mm Heavy duty triple-grouser shoes 750 mm Heavy duty triple-grouser shoes 850 mm triple-grouser shoes
Starting aid, cold weather	
Starting aid, ether	
Straight travel third pedal option	
Sun screen	
Track 325B L: 600 mm triple-grouser shoes 600 mm Heavy duty triple-grouser shoes 700 mm triple-grouser shoes 700 mm Heavy duty triple-grouser shoes 900 mm triple-grouser shoes	Track 345B L 600 mm Heavy duty double-grouser shoes 600 mm Heavy duty triple-grouser shoes 750 mm Heavy duty triple-grouser shoes 900 mm triple-grouser shoes
	Undercarriage Hydraulic wide gauge (330B and 345B)

Cat '5-Star Customer Service'

When you purchase a Cat Ultra-high Demolition excavator, you know it comes with something unique and dependable – Cat '5-Star Customer Service' as delivered by your Cat dealer.

Cat '5-Star Customer Service' starts the moment you first contact your Caterpillar dealer and remains throughout the ownership of your Cat equipment.

Cat '5-Star Customer Service' means a partnership with your Cat dealer, gives peace of mind and lets you focus on your business. Cat '5-Star Customer Service' is all the products, services and people you can count on through the Caterpillar and Cat dealer network.

Cat '5-Star Customer Service' includes a wide range of services aimed at helping you keep the competitive edge in your business – key services include...

Equipment management services... to help you make a well informed purchase decision, one that best suits your particular needs and contributes in helping you achieve optimum profit in your business. Your Cat dealer can help you with the financial aspects related to owning and operating a piece of equipment, from machine selection, purchasing, financing or rental to projecting owning and operating costs.

Maintenance services... are the Caterpillar and Cat dealer products and services aimed at maximizing your machine's availability and performance and to enable you to operate your equipment at the lowest possible cost. Your Cat dealer offers a wide choice of maintenance products and tailored services to meet your specific needs.



Predictive services... helps you anticipate unscheduled repairs, maximize your equipment availability and save money. More uptime on the job and a machine that's always ready-to-run means increased earning capacity for you and peace of mind.

Reconditioning services... together with genuine Cat parts, offer you a wide choice of repair alternatives to keep your equipment working and minimize repair costs. Lower repair costs contribute to reduced operating costs and more profit potential for you.

Excellent off-the-shelf availability of genuine Cat parts, together with well-trained, experienced specialists and right-first-time repairs help you maximize your machines' availability and lower your operating costs.



"Cat 5-Star Customer Service is our commitment to provide you with the best equipment and services for the most cost effective solutions in your business."

Caterpillar and Cat dealers



325B L, 330B L and 345B L Ultra-high Demolition

HEHH2347 (0398) hr

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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