

# 303.5E CR, 304E CR, 305E CR, 305.5E CR

Mini Hydraulic Excavators



	303.5E CR	304E CR	305E CR	305.5E CR
<b>Engine</b>				
Engine Model	Cat® C1.8	Cat® C2.4	Cat® C2.4	Cat® C2.4
Net Power (ISO 9249)	23.6 kW (31.6 hp)	30 kW (40.2 hp)	30 kW (40.2 hp)	32.9 kW (44.2 hp)
<b>Weights</b>				
Operating Weight with Canopy	3508 kg (7,734 lb)	3854 kg (8,497 lb)	4915 kg (10,836 lb)	5270 kg (11,618 lb)
Operating Weight with Cab	3692 kg (8,139 lb)	4009 kg (8,838 lb)	5088 kg (11,217 lb)	5415 kg (11,938 lb)
<b>Operating Specifications</b>				
Maximum Dig Depth	3180 mm (10'4")	3430 mm (11'3")	3670 mm (12'1")	3870 mm (12'8")

**High  
performance  
in compact  
sizes to  
increase your  
productivity in  
the tightest of  
applications.**



#### **Contents**

Operator Station.....	4
Performance .....	5
Engine .....	5
COMPASS Control Panel .....	6
Compact Radius, Zero Tail Swing.....	8
Dozer Blade.....	10
Coupler and Work Tool Options .....	11
Serviceability .....	12
Specifications.....	14
Standard Equipment.....	20
Optional Equipment.....	21



**The Cat® E Series Mini Hydraulic Excavators deliver high performance in a compact size to help you work in the tightest applications. All four models feature a large, integrated counterweight and excellent stability while maintaining a compact radius design. With the new COMPASS control panel, the E Series has new standard features like a password protected security system, Eco mode, adjustable auxiliary flow control, and continuous flow. These new features make the machines more productive, versatile, and cost effective.**

# Operator Station

Superior comfort to keep you productive throughout the work day

## Comfortable Working Environment

Spacious and comfortable operator station with excellent visibility and legroom keeps the operator comfortable and reduces fatigue. Standard features include:

- Reclining suspension seat with adjustable wrist rests.
- Pilot operated controls on all services including travel levers and dozer functions.
- A pattern control changer (not available in all regions) is accessible from the cab to switch between excavator and backhoe style controls.
- Ample storage space under the seat that can be locked for added security.



## Joystick Controls

The boom swing and auxiliary hydraulic functions are located at your fingertips providing smooth, easy operation. They also eliminate foot pedals and free up the floor for more room for the operator's feet. 100% pilot controls provide consistent flow and pressure throughout the life of the machine. This also allows all controls to be locked out while starting the machine.



# Performance

## Powerful digging with precise control

### Stability

All four E Series models feature excellent stability while maintaining the compact radius design. This increased stability leads to more productivity and versatility through the use of heavier work tools and the optional long stick.

### Fast, Powerful Digging with Load Sensing Hydraulics

High digging forces and fast cycle times deliver the productivity that your job demands. Load sensing hydraulics optimize flow for smooth, powerful performance and increased fuel efficiency.

### 200 Degree Bucket Rotation

Industry leading bucket rotation of over 200 degrees provides greater material retention during truck loading.

It also allows for easier vertical wall digging without having to reposition the machine.



## Engine

High performance power train provides optimized engine horsepower and strong performance

Automatic engine idle automatically lowers engine revolutions when not in use to conserve fuel and lower environmental noise and emissions.

### Automatic Two Speed

With the standard automatic two speed feature, the machine will automatically balance high speed and torque travel requirements based on the conditions to give the operator the optimum speed and control. The machine can be put in low gear if slower travel is desired while in tight conditions.



# COMPASS Control Panel

Complete, Operational, Maintenance, Performance and Security System



The brand new COMPASS control panel on the Cat® E Series mini hydraulic excavators was specifically designed by Caterpillar for compact excavators. It adds several new features to the machines increasing the amount of customer value. All of the following features are now standard on all five of the new E Series models.

**Complete** – All of the control panel features are standard on all five of the new E Series models

**Operation** – Simple operation of the pattern changer, hydraulic quick coupler and fuel gauge visibility all at the push of a button

**Maintenance** – Maintenance intervals, diagnostics and work hours

**Performance** – Save up to 20% fuel while maintaining optimum performance levels

**And**

**Security** – Anti theft device with individual user and master passwords

**System** – Ergonomically designed control panel

## Passcode Protected Security System

A standard anti-theft device now comes on every E Series compact excavator. A five digit alphanumeric password is required to start the machine when the anti-theft feature is enabled. There is a master password and up to five user passwords can be created by the owner if desired.

*Keep your machine safe on a busy job site by locking it when you are not around*

## Adjustable Auxiliary Work Tool Flow Control

The E Series machines now have simple adjustability of the flow going down the boom and stick to the work tool. Both the standard main line and optional secondary auxiliary hydraulics can be adjusted on a scale of 1–15 through a few buttons on the control panel.

*Adjust the flow to your different tools with a simple push of a button*



# UNLOCK the new features and experience the value of the exclusive COMPASS control panel on the new E Series compact excavators

## Economy Mode

This feature allows your machine to be set in a more economical power setting with a simple push of a button. While operating in this mode, the machine will maintain excellent performance levels while saving up to 20% fuel through a slightly lower engine setting.

*Save money with the new E Series compact excavators*

## Continuous Flow

Once this feature is enabled through a button on the monitor, the new E Series machines can run in continuous flow mode. With the auxiliary hydraulics on the right hand joystick, just hold the roller switch at the desired flow rate and direction for 2.5 seconds and the machine will maintain that flow rate until it is turned off.

*Maintain hydraulic flow to your tools at any flow and in any direction with the simple push of a button*

## Pattern Changer

Change the operating pattern between excavator and backhoe with a simple press of a button from the comfort of the cab.

*Exclusive push button pattern changer is safe and easy*

## Maintenance and Performance Information

Easily keep track of various maintenance and performance parameters of your machine.

*Reset the maintenance intervals and ensure the machine is receiving proper care maximizing the life of the machine*



# Compact Radius, Zero Tail Swing

Work in the tightest areas

## Compact Radius

The compact radius design gives greater machine versatility and the capability to work within confined areas. This allows the operator to concentrate on the work being done without having to worry about damaging the back of the machine or other job site obstacles. On the 305E CR and the 305.5E CR, the upper body stays within 140 mm (5.5 in) of the undercarriage.

## Zero Tail Swing

New to the E Series, the 303.5E CR and the 304E CR models feature a zero tail swing design. On these models, the radius of the upper body stays entirely within the width of the undercarriage.







### **Undercarriage Stability and Durability**

**Rubber Track** – The standard rubber track lets you work on multiple surfaces such as grass, pavement or stone without damaging the surface or machine.

**Steel Track Option** – Optional steel track is available for harsh conditions such as demolition. The extra weight of the steel tracks generally provides better stability when digging over the side of the machine. (Not available on the 304E CR.)

**Rubber Pads** – Optional rubber pads can be attached to the steel track to prevent damage to paved surfaces and minimize noise and vibration during travel with the steel track system. This option provides the maximum overall stability.

# Dozer Blade

Maximize your productivity



## Simple Dozer Control with Float Function

The dozer function is pilot controlled from inside the cab, providing smooth, proportional operation. The standard float function is enabled by pushing the lever fully forward into the detent position. Cleanup and backfilling is easier since the operator does not have to adjust the blade height during travel.

## Excellent Blade Visibility

Visibility to the blade is excellent in any position, allowing the blade to be positioned behind the operator and away from the front linkage for better access when back dragging and finishing in tight areas.

## Angle Blade Option

Increase machine versatility with the Cat angle dozer blade. Built for strength and durability, the hydraulic angle blade features a hardened steel wear edge and good protection to cylinders and hydraulic lines. The angle blade can be positioned straight ahead or angled up to 25 degrees to the left or right. This reduces the number of times required to back up and reposition when backfilling so you can finish the job faster. All functions of the blade are controlled with one joystick using a proportional roller switch for the angle function.



# Coupler and Work Tool Options

Increased versatility with multiple work tools



## Couplers

The E Series is available with a mechanical pin-grabber or a hydraulic pin-grabber quick coupler option. The coupler design uses a wedge to keep the tool secure to the coupler, reducing wear and maintaining a tight fit through the life of the coupler.

The hydraulic coupler allows the operator to change tools without leaving the comfort of the cab.

## Wide Range of Work Tools

A wide range of Cat Work Tools have been designed specifically for the Cat Mini Hydraulic Excavators to maximize machine performance. Available work tools include:

- Buckets (heavy duty and heavy duty capacity)
- Tilting, Ditch Cleaning Buckets
- Hydraulic Hammers
- Augers
- Thumbs (not available in all regions)
- Vibratory Compactors
- Shears (boom mounted on 305E CR/305.5E CR only)
- Quick Coupler

## Standard Thumb Ready Sticks (optional in Europe)

Machines come standard with stick mounted brackets, ready to fit a hydraulic thumb for even greater machine versatility.

A factory installed bracket and relief valve make hydraulic thumb installation simple and cost-effective.

## Standard Auxiliary Lines and Accumulator

One-way and two-way auxiliary lines (combined function), including quick connections, are fitted as standard equipment so the machine comes ready to work. A standard accumulator allows for auxiliary pressure to be released, making connecting and disconnecting work tools safer and easier.

# Serviceability

Simplified service and maintenance save you time and money



- Easy access to the radiator and oil cooler results in simplified cleaning and reduced maintenance times.
- S-O-S<sup>SM</sup> oil sampling valve allows easy sampling of the hydraulic fluid for preventative maintenance.
- 500 hour engine oil and filter change period reduces operating costs and machine downtime.



### **Easy Service**

Convenient service features make maintenance easy, reducing your downtime:

- Lifting side hood allows access to air filter, main implement valve, 1-way/2-way auxiliary flow selector, accumulator, fuel filter and hydraulic tank. This eliminates the need to lift the cab when maintaining and servicing the machine.
- Swing open door provides access to major components and service points including engine oil check and fill, vertically mounted engine oil filter, starter motor and alternator.

### **Customer Support You Can Count On**

Your Cat dealer is ready to assist you with your purchase decision and everything after.

- Financing packages are flexible to meet your needs.
- Unmatched parts availability keeps you working.
- Make comparisons of machines, with estimates of component life, preventative maintenance and cost of production.
- Your Cat dealer can evaluate the cost to repair, rebuild and replace your machine.
- For more information on Cat products, dealer services and industry solutions, visit [www.cat.com](http://www.cat.com).



# 303.5E CR, 304E CR, 305E CR, 305.5E CR Specifications

## Engine

Engine Model			
303.5E CR	Cat® C1.8		
304E CR/305E CR/305.5E CR	Cat® C2.4		
Rated Net Power (ISO 9249)			
303.5E CR	23.6 kW	31.6 hp	
304E CR/305E CR	30 kW	40.2 hp	
305.5E CR	32.9 kW	44.2 hp	
Gross Power			
303.5E CR	24.8 kW	33.3 hp	
304E CR/305E CR	31.2 kW	41.8 hp	
305.5E CR	34.1 kW	45.7 hp	
Bore			
	87 mm	3.4 in	
Stroke			
	102.4 mm	4 in	
Displacement			
303.5E CR/304E CR	1.8 L	110 in <sup>3</sup>	
305E CR/305.5E CR	2.4 L	146 in <sup>3</sup>	

## Weights\*

Operating Weight with Canopy			
303.5E CR	3508 kg	7,734 lb	
304E CR	3854 kg	8,497 lb	
305E CR	4915 kg	10,836 lb	
305.5E CR	5270 kg	11,618 lb	
Operating Weight with Cab			
303.5E CR	3692 kg	8,139 lb	
304E CR	4009 kg	8,838 lb	
305E CR	5088 kg	11,217 lb	
305.5E CR	5415 kg	11,938 lb	

\* Weight includes rubber tracks, bucket, operator, full fuel and auxiliary lines.

## Travel System

Travel Speed – High			
	4.6 km/h	2.8 mph	
Travel Speed – Low			
303.5E CR/304E CR/305E CR	2.6 km/h	1.6 mph	
305.5E CR	2.8 km/h	1.7 mph	
Maximum Traction Force – High Speed			
303.5E CR	16.9 kN	3,799 lb	
304E CR	16.8 kN	3,777 lb	
305E CR	24.1 kN	5,418 lb	
305.5E CR	26.8 kN	6,025 lb	
Maximum Traction Force – Low Speed			
303.5E CR	31 kN	6,969 lb	
304E CR	30.8 kN	6,921 lb	
305E CR	45.2 kN	10,161 lb	
305.5E CR	47.8 kN	10,745 lb	
Ground Pressure			
303.5E CR	32.1 kPa	4.7 psi	
304E CR	29.1 kPa	4.2 psi	
305E CR	28.2 kPa	4.1 psi	
305.5E CR	30 kPa	4.4 psi	

## Service Refill Capacities

Cooling System			
303.5E CR/304E CR	5.5 L	1.5 gal	
305E CR/305.5E CR	10.5 L	2.8 gal	
Engine Oil			
303.5E CR/304E CR	7.0 L	1.8 gal	
305E CR/305.5E CR	9.5 L	2.5 gal	
Fuel Tank			
303.5E CR/304E CR	46 L	12.2 gal	
305E CR/305.5E CR	63 L	16.6 gal	
Hydraulic Tank			
303.5E CR/304E CR	42.3 L	11.2 gal	
305E CR/305.5E CR	68.3 L	18 gal	
Hydraulic System			
303.5E CR/304E CR	65 L	17.2 gal	
305E CR/305.5E CR	78 L	20.6 gal	

## Hydraulic System\*

Pump Flow at 2,400 rpm		
303.5E CR/304E CR	87.6 L/min	23.1 gal/min
305E CR	119.3 L/min	31.5 gal/min
305.5E CR	129.6 L/min	34.2 gal/min
Operating Pressure – Equipment		
	245 bar	3,553 psi
Operating Pressure – Travel		
	245 bar	3,553 psi
Operating Pressure – Swing		
303.5E CR/304E CR	181 bar	2,625 psi
305E CR/305.5E CR	185 bar	2,690 psi
Auxiliary Circuit – Primary (186 bar/2,734 psi)		
303.5E CR/304E CR	60 L/min	15.9 gal/min
305E CR/305.5E CR	70 L/min	18.5 gal/min
Auxiliary Circuit – Secondary (174 bar/2,524 psi)		
303.5E CR/304E CR	27 L/min	7.1 gal/min
305E CR/305.5E CR	38 L/min	10 gal/min
Digging Force = Stick (standard)		
303.5E CR	18.9 kN	4,249 lb
304E CR	21.6 kN	4,856 lb
305E CR	24.7 kN	5,550 lb
305.5E CR	28.9 kN	6,500 lb
Digging Force = Stick (long)		
303.5E CR	16.9 kN	3,799 lb
304E CR	19.5 kN	4,384 lb
305E CR	21.3 kN	4,788 lb
305.5E CR	24.8 kN	5,575 lb
Digging Force = Bucket		
303.5E CR	33.0 kN	7,419 lb
304E CR	37.8 kN	8,498 lb
305E CR	44.7 kN	10,050 lb
305.5E CR	50.9 kN	11,445 lb

\* Load sensing hydraulics with variable displacement piston pump.

## Swing System

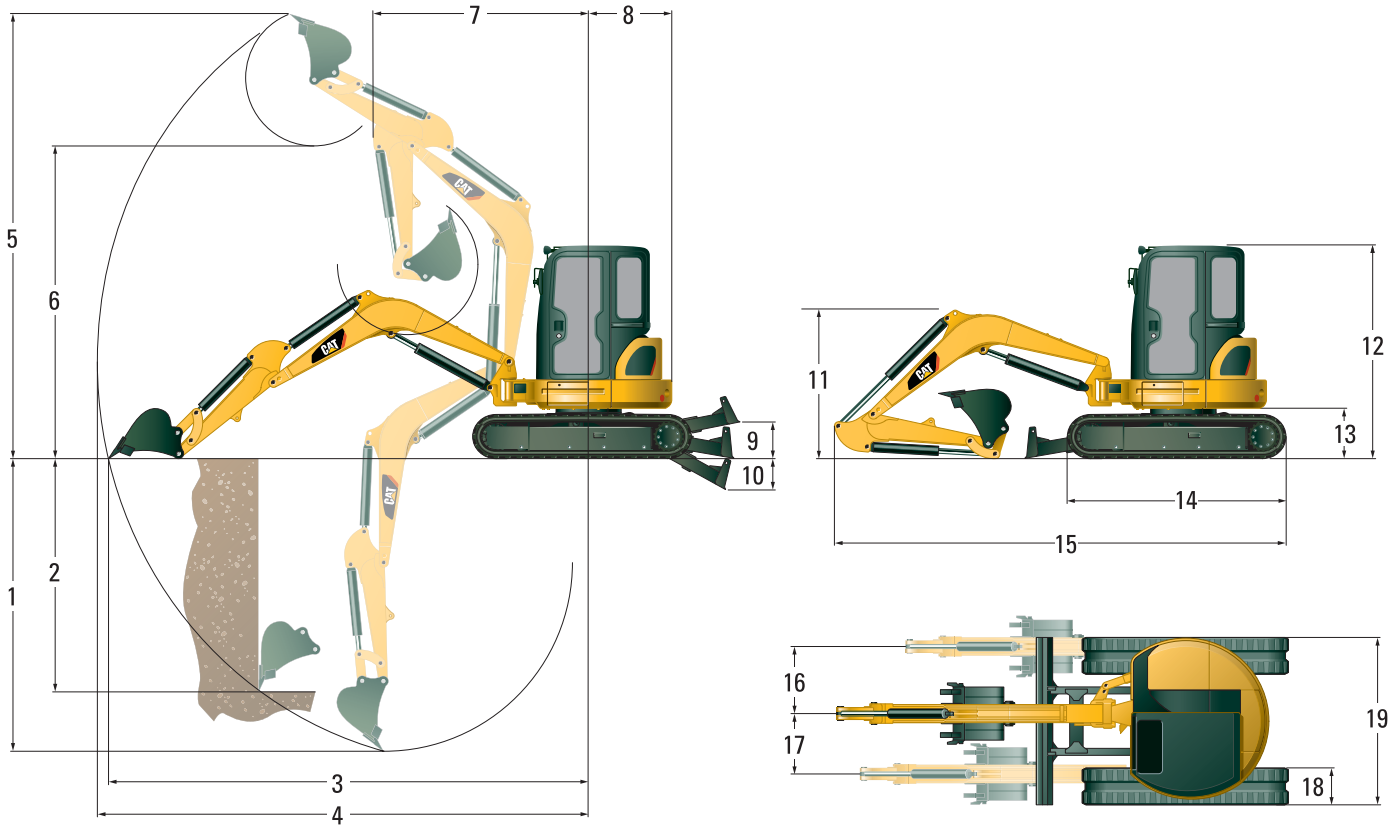
Machine Swing Speed	9 rpm
Boom Swing – Left (without stop)	
303.5E CR/305E CR/305.5E CR	80°
304E CR	70°
Boom Swing – Left (with stop)	
303.5E CR/304E CR	55°
305E CR/305.5E CR	60°
Swing – Right	50°

## Blade

Width		
303.5E CR	1780 mm	70 in
304E CR	1950 mm	76.8 in
305E CR/305.5E CR	1980 mm	78 in
Height		
303.5E CR/304E CR	325 mm	12.8 in
305E CR/305.5E CR	375 mm	14.8 in
Dig Depth		
303.5E CR/304E CR	470 mm	18.5 in
305E CR/305.5E CR	540 mm	21.3 in
Lift Height		
303.5E CR/304E CR	400 mm	15.7 in
305E CR/305.5E CR	420 mm	16.5 in

# 303.5E CR, 304E CR, 305E CR, 305.5E CR Specifications

## 303.5E CR Dimensions



	Standard Stick		Long Stick	
<b>1</b>	2880 mm	9'6"	3180 mm	10'4"
<b>2</b>	2320 mm	7'8"	2470 mm	8'2"
<b>3</b>	5060 mm	16'8"	5320 mm	17'6"
<b>4</b>	5200 mm	17'1"	5440 mm	17'10"
<b>5</b>	4920 mm	16'2"	5030 mm	16'6"
<b>6</b>	3520 mm	11'6"	3640 mm	11'11"
<b>7</b>	2060 mm	6'9"	2180 mm	7'2"
<b>8</b>	890 mm	2'11"	890 mm	2'11"
<b>9</b>	400 mm	1'4"	400 mm	1'4"
<b>10</b>	470 mm	1'7"	470 mm	1'7"

	Standard Stick		Long Stick	
<b>11</b>	1420 mm	4'8"	1650 mm	5'4"
<b>12</b>	2500 mm	8'2"	2500 mm	8'2"
<b>13</b>	565 mm	1'10"	565 mm	1'10"
<b>14</b>	2220 mm	7'3"	2220 mm	7'3"
<b>15</b>	4730 mm	15'6"	4790 mm	15'9"
<b>16</b>	765 mm	2'6"	765 mm	2'6"
<b>17</b>	670 mm	2'2"	670 mm	2'2"
<b>18</b>	300 mm	1'0"	300 mm	1'0"
<b>19</b>	1780 mm	5'10"	1780 mm	5'10"

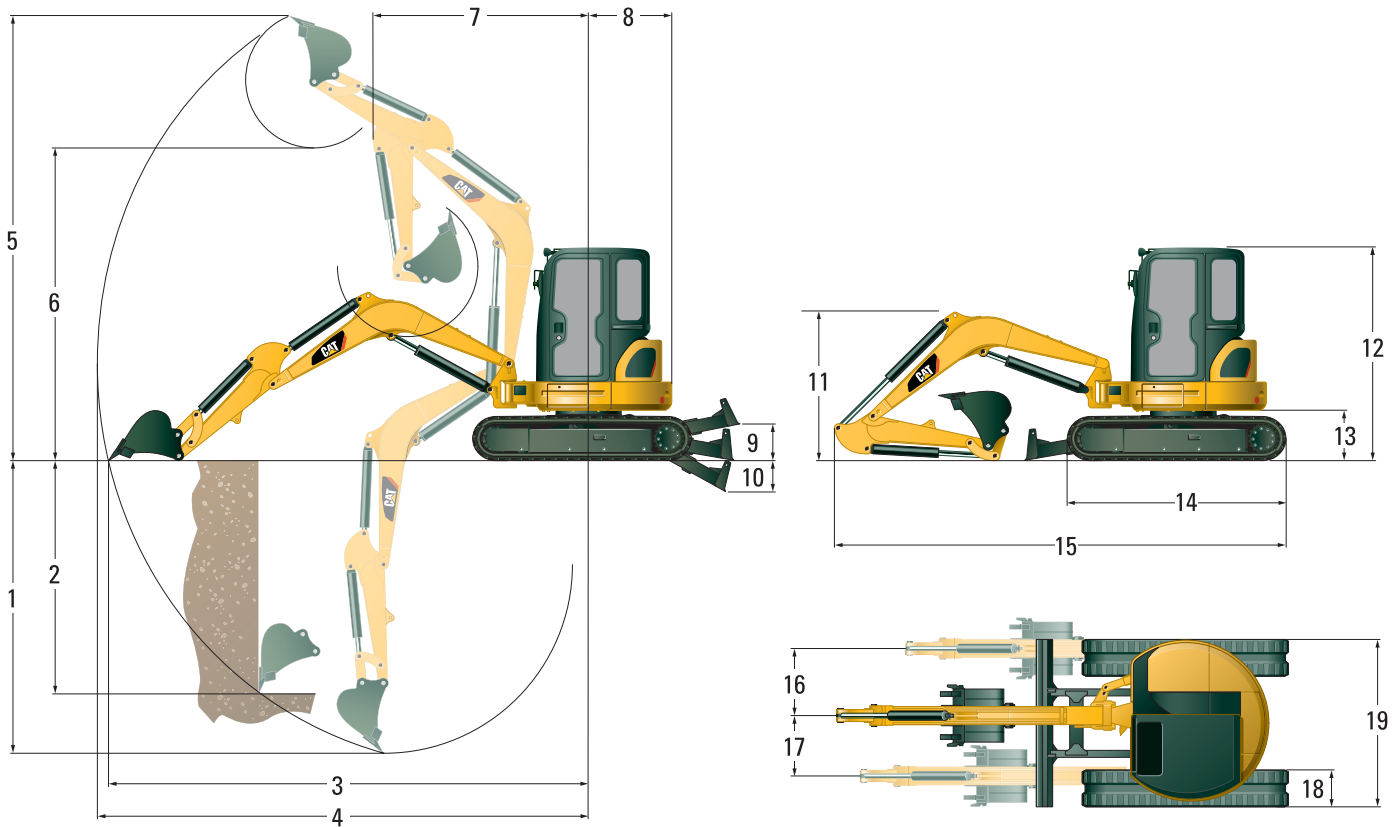
## 303.5E CR Lift Capacities at Ground Level\*

Lift Point Radius		3000 mm (9'8")		4000 mm (13'1")	
		Front	Side	Front	Side
Blade Down	kg	1370	740	880	470
	lb	2,940	1,590	1,890	1,010
Blade Up	kg	770	680	490	440
	lb	1,698	1,499	1,080	970

\* The above loads are in compliance with hydraulic excavator lift capacity rating standard ISO 10567:2007 and they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. The excavator bucket weight is not included on this chart. Lifting capacities are for standard stick.



## 304E CR Dimensions



	Standard Stick		Long Stick	
<b>1</b>	3130 mm	10'3"	3430 mm	11'3"
<b>2</b>	2420 mm	8'0"	2560 mm	8'5"
<b>3</b>	5220 mm	17'1"	5470 mm	18'0"
<b>4</b>	5350 mm	17'7"	5590 mm	18'4"
<b>5</b>	4980 mm	16'5"	5070 mm	16'8"
<b>6</b>	3590 mm	11'9"	3690 mm	12'1"
<b>7</b>	2110 mm	6'11"	2220 mm	7'3"
<b>8</b>	975 mm	3'2"	975 mm	3'2"
<b>9</b>	400 mm	1'4"	400 mm	1'4"
<b>10</b>	470 mm	1'7"	470 mm	1'7"

	Standard Stick		Long Stick	
<b>11</b>	1480 mm	4'10"	1770 mm	5'9"
<b>12</b>	2500 mm	8'2"	2500 mm	8'2"
<b>13</b>	565 mm	1'10"	565 mm	1'10"
<b>14</b>	2220 mm	7'3"	2220 mm	7'3"
<b>15</b>	4820 mm	15'10"	4930 mm	16'2"
<b>16</b>	735 mm	2'5"	735 mm	2'5"
<b>17</b>	670 mm	2'2"	670 mm	2'2"
<b>18</b>	350 mm	1'1"	350 mm	1'1"
<b>19</b>	1950 mm	6'5"	1950 mm	6'5"

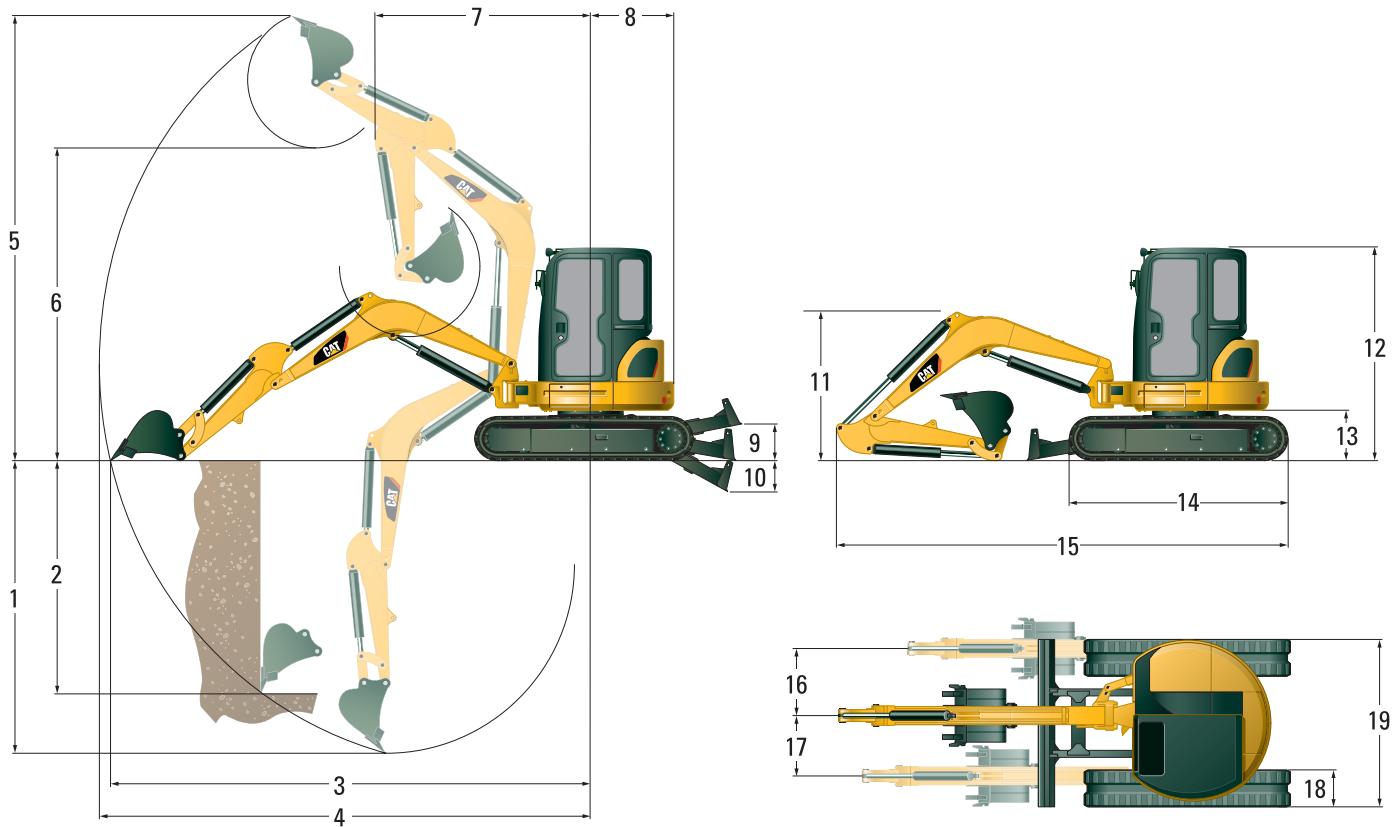
## 304E CR Lift Capacities at Ground Level\*

Lift Point Radius		3000 mm (9'8")		4500 mm (14'9")	
		Front	Side	Front	Side
Blade Down	kg	1610	920	1040	590
	lb	3,549	2,028	2,292	1,301
Blade Up	kg	830	830	530	530
	lb	1,830	1,830	1,168	1,168

\* The above loads are in compliance with hydraulic excavator lift capacity rating standard ISO 10567:2007 and they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. The excavator bucket weight is not included on this chart. Lifting capacities are for standard stick.

# 303.5E CR, 304E CR, 305E CR, 305.5E CR Specifications

## 305E CR Dimensions



	Standard Stick		Long Stick	
<b>1</b>	3280 mm	10'9"	3670 mm	12'1"
<b>2</b>	2320 mm	7'7"	2630 mm	8'8"
<b>3</b>	5430 mm	17'10"	5810 mm	19'1"
<b>4</b>	5600 mm	18'5"	5960 mm	19'7"
<b>5</b>	5250 mm	17'3"	5440 mm	17'10"
<b>6</b>	3720 mm	12'2"	3920 mm	12'10"
<b>7</b>	2350 mm	7'8"	2530 mm	8'3"
<b>8</b>	1100 mm	3'7"	1100 mm	3'7"
<b>9</b>	405 mm	1'4"	405 mm	1'4"
<b>10</b>	555 mm	1'10"	555 mm	1'10"

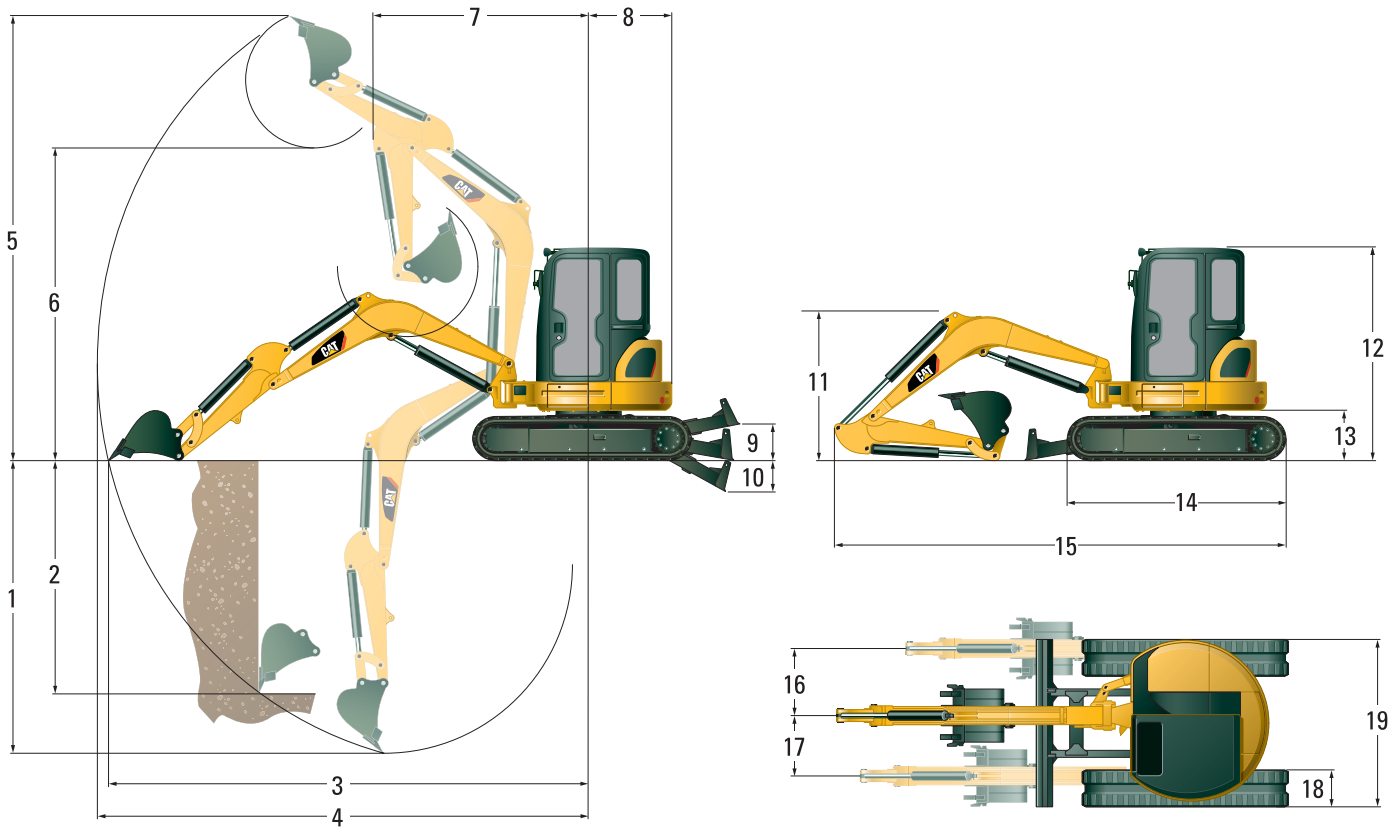
	Standard Stick		Long Stick	
<b>11</b>	1750 mm	5'9"	2150 mm	7'0"
<b>12</b>	2550 mm	8'4"	2550 mm	8'4"
<b>13</b>	615 mm	2'0"	615 mm	2'0"
<b>14</b>	2580 mm	8'5"	2580 mm	8'5"
<b>15</b>	5180 mm	17'0"	5290 mm	17'4"
<b>16</b>	785 mm	2'7"	785 mm	2'7"
<b>17</b>	695 mm	2'3"	695 mm	2'3"
<b>18</b>	400 mm	1'4"	400 mm	1'4"
<b>19</b>	1980 mm	6'6"	1980 mm	6'6"

## 305E CR Lift Capacities at Ground Level\*

Lift Point Radius		3000 mm (9'8")		4500 mm (14'9")	
		Front	Side	Front	Side
Blade Down	kg	2340	1200	1260	640
	lb	5,159	2,646	2,778	1,411
Blade Up	kg	1450	1070	760	570
	lb	3,197	2,359	1,676	1,257

\* The above loads are in compliance with hydraulic excavator lift capacity rating standard ISO 10567:2007 and they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. The excavator bucket weight is not included on this chart. Lifting capacities are for standard stick.

## 305.5E CR Dimensions



	Standard Stick		Long Stick	
<b>1</b>	3470 mm	11'4"	3870 mm	12'8"
<b>2</b>	2330 mm	7'8"	2730 mm	9'0"
<b>3</b>	5630 mm	18'6"	6020 mm	19'9"
<b>4</b>	5790 mm	19'0"	6170 mm	20'3"
<b>5</b>	5330 mm	17'6"	5590 mm	18'4"
<b>6</b>	3820 mm	12'7"	4080 mm	13'4"
<b>7</b>	2400 mm	7'10"	2530 mm	8'3"
<b>8</b>	1130 mm	3'8"	1130 mm	3'8"
<b>9</b>	405 mm	1'4"	405 mm	1'4"
<b>10</b>	555 mm	1'10"	555 mm	1'10"

	Standard Stick		Long Stick	
<b>11</b>	1740 mm	5'8"	2150 mm	6'11"
<b>12</b>	2550 mm	8'4"	2550 mm	8'4"
<b>13</b>	615 mm	2'0"	615 mm	2'0"
<b>14</b>	2580 mm	8'6"	2580 mm	8'6"
<b>15</b>	5330 mm	17'6"	5460 mm	17'10"
<b>16</b>	785 mm	2'7"	785 mm	2'7"
<b>17</b>	695 mm	2'3"	695 mm	2'3"
<b>18</b>	400 mm	1'4"	400 mm	1'4"
<b>19</b>	1980 mm	6'6"	1980 mm	6'6"

## 305.5E CR Lift Capacities at Ground Level\*

Lift Point Radius		3000 mm (9'8")		4500 mm (14'9")	
		Front	Side	Front	Side
<b>Blade Down</b>	<b>kg</b>	2590	1290	1380	690
	<b>lb</b>	5,710	2,844	3,042	1,521
<b>Blade Up</b>	<b>kg</b>	1550	1150	820	620
	<b>lb</b>	3,417	2,535	1,808	1,367

\* The above loads are in compliance with hydraulic excavator lift capacity rating standard ISO 10567:2007 and they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. The excavator bucket weight is not included on this chart. Lifting capacities are for standard stick.

## Standard Equipment

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

- 1-way and 2-way (combined function) auxiliary hydraulic lines
- Adjustable auxiliary flow control for work tools
- Adjustable wrist rests
- Alternator
- Anti-theft security system
- Automatic engine idle
- Automatic swing park brake
- Automatic two speed travel
- Auxiliary line quick disconnects
- Boom cylinder guard
- Cab mounted work light
- Canopy with FOPS ISO 10262 (Level 1) and Tip-Over Protection (TOPS) ISO 12117
- Coat hook
- COMPASS display panel
- Cup holder
- Continuous flow
- Control pattern changer (not available in Europe)
- Dozer blade with float function
- Economy mode setting for up to 20% fuel savings
- Floor mat
- Foot travel pedals
- Gauges or indicators for fuel level engine coolant temperature, hour meter, engine oil pressure, air cleaner, alternator and glow plugs, service interval
- Horn
- Hydraulic oil cooler
- Lifting eye on bucket linkage (standard equipment for all regions except Europe)
- Lockable storage box
- Low maintenance linkage pin joints
- Maintenance free battery
- Rubber track
- Retractable seatbelt
- Standard stick
- Suspension seat, vinyl covered
- “Thumb Ready” sticks (standard equipment for all regions except Europe)
- Travel alarm (optional in Europe)

## Optional Equipment

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

- Air conditioning
- Angle dozer blade with float function
- Beacon socket for canopy machines
- Boom check valve (Europe only)
- Boom mounted light
- Cab, radio ready with FOPS ISO 10262 (Level 1) and Tip-Over Protection (TOPS) ISO 12117 with heater/defroster, interior light and windshield wiper/washer
- Ecology drain valve for hydraulic tank
- High back suspension seat, fabric covered
- Hydraulic quick coupler lines
- Lifting eye on bucket linkage (optional in Europe, standard for all other regions)
- Long stick
- Mechanical quick coupler
- Mirrors for cab and canopy
- Seatbelt, 75 mm (3 in) wide (optional in Europe, standard in all other regions)
- Secondary auxiliary hydraulic lines
- Steel track and steel track with rubber pads





# 303.5E CR, 304E CR, 305E CR, 305.5E CR Mini Hydraulic Excavators

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

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