

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 ³
305E CR/305.5E CR	2.4 L	146 in ³

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

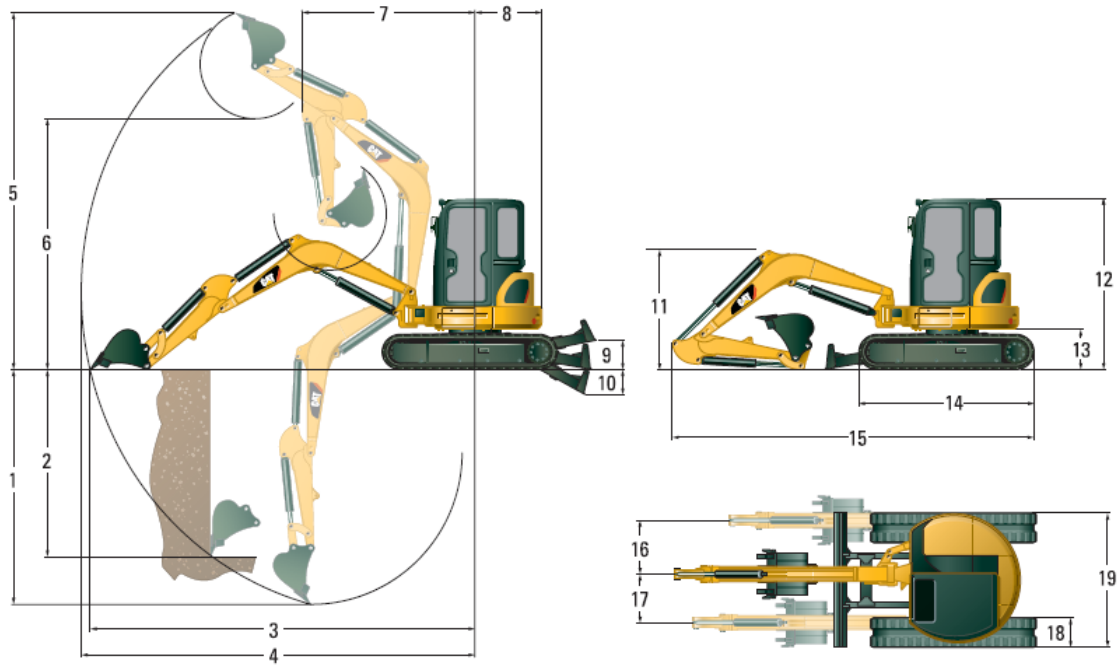
Travel Speed – High	4.6 km/h	2.8 mph
Travel Speed – Low		
303.5E CR/304E CR/305E CR	2.6 km/h	1.6 mph
305.5E CR	2.8 km/h	1.7 mph
Maximum Traction Force – High Speed		
303.5E CR	16.9 kN	3,799 lb
304E CR	16.8 kN	3,777 lb
305E CR	24.1 kN	5,418 lb
305.5E CR	26.8 kN	6,025 lb
Maximum Traction Force – Low Speed		
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

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

305E CR Dimensions



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

	Standard Stick		Long Stick	
11	1750 mm	5'9"	2150 mm	7'0"
12	2550 mm	8'4"	2550 mm	8'4"
13	615 mm	2'0"	615 mm	2'0"
14	2580 mm	8'5"	2580 mm	8'5"
15	5180 mm	17'0"	5290 mm	17'4"
16	785 mm	2'7"	785 mm	2'7"
17	695 mm	2'3"	695 mm	2'3"
18	400 mm	1'4"	400 mm	1'4"
19	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
	lb	5,159	2,646	2,778
Blade Up	kg	1450	1070	760
	lb	3,197	2,359	1,676

* 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.