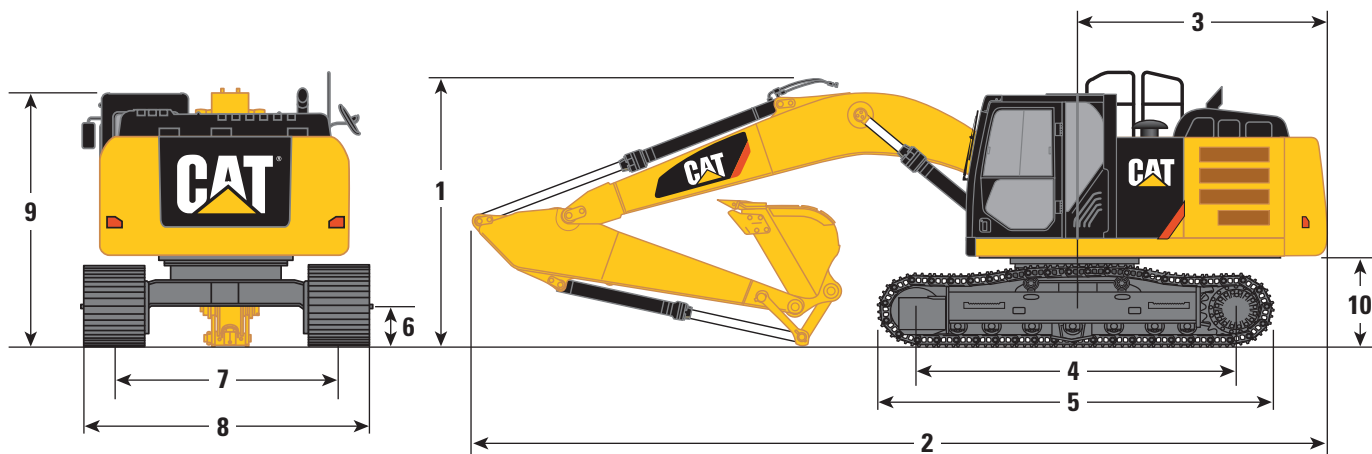


329E Hydraulic Excavator

Dimensions

All dimensions are approximate.



Stick	ES & HD Reach Booms 6.15 m		Mass Boom 5.55 m	Super Long Reach Boom 10.2 m
	R3.2CB2	R2.65CB2	M2.5DB	Super Long Reach 7.85 m
	mm	mm	mm	mm
1 Shipping Height*	3372	3450	3520	3229
Shipping Height with Guard Rail (without fronts)	3328	3328	3328	3328
Shipping Height with Top Guard (without fronts)	3240	3240	3240	3240
2 Shipping Length	10 386	10 400	9830	14 443
3 Tail Swing Radius	3044	3044	3044	3044
4 Length to Center of Rollers				
Long Undercarriage	3994	3994	3994	3994
Long Narrow Undercarriage	3994	3994	3994	–
5 Track Length				
Long Undercarriage	4855	4855	4855	4855
Long Narrow Undercarriage	4855	4855	4855	–
6 Ground Clearance				
Long Undercarriage	490	490	490	490
Long Narrow Undercarriage	490	490	490	–
7 Track Gauge				
Long Undercarriage	2590	2590	2590	2590
Long Narrow Undercarriage	2390	2390	2390	–
8 Transport Width				
Long Undercarriage – 600 mm Shoes	3190	3190	3190	3190
Long Undercarriage – 700 mm Shoes	3290	3290	3290	3290
Long Undercarriage – 800 mm Shoes	3390	3390	3390	3390
Long Undercarriage – 900 mm Shoes	3490	3490	3490	3490
Long Narrow Undercarriage – 600 mm Shoes	2990	2990	2990	–
Long Narrow Undercarriage – 700 mm Shoes	3090	3090	3090	–
Long Narrow Undercarriage – 800 mm Shoes	3190	3190	3190	–
9 Cab Height	3044	3044	3044	3044
Cab Height with Top Guard	3240	3240	3240	3240
10 Counterweight Clearance**	1134	1134	1134	1134

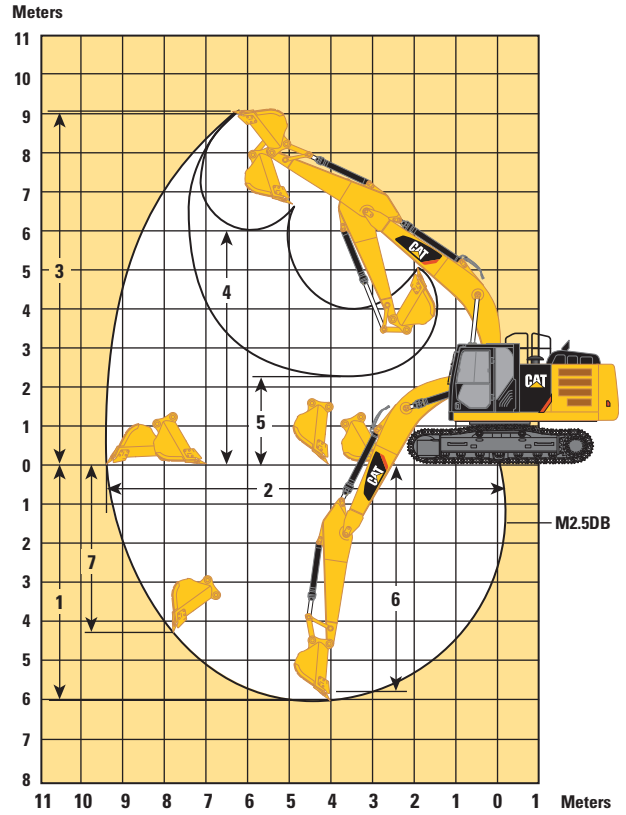
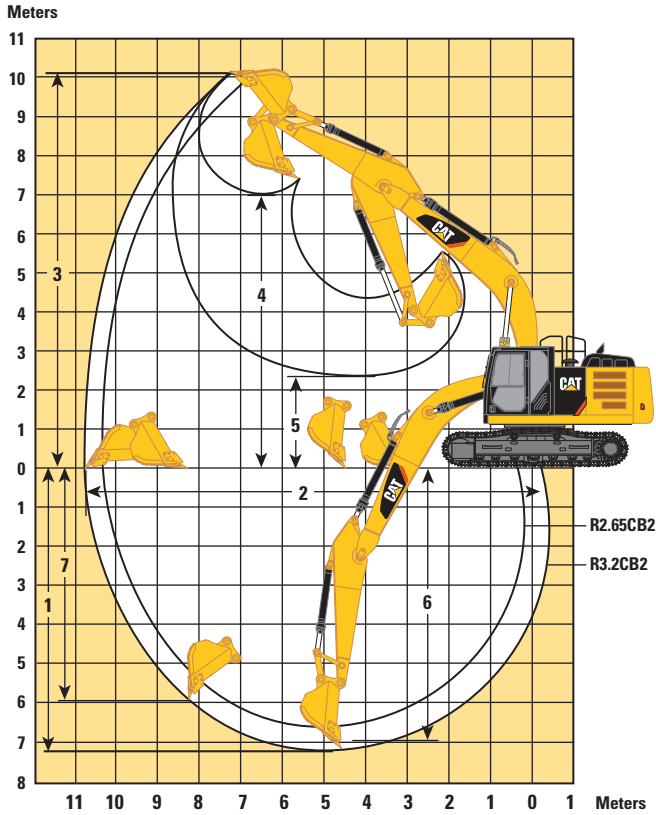
*Including shoe lug height.

**Without shoe lug height.

329E Hydraulic Excavator

Working Ranges

All dimensions are approximate.

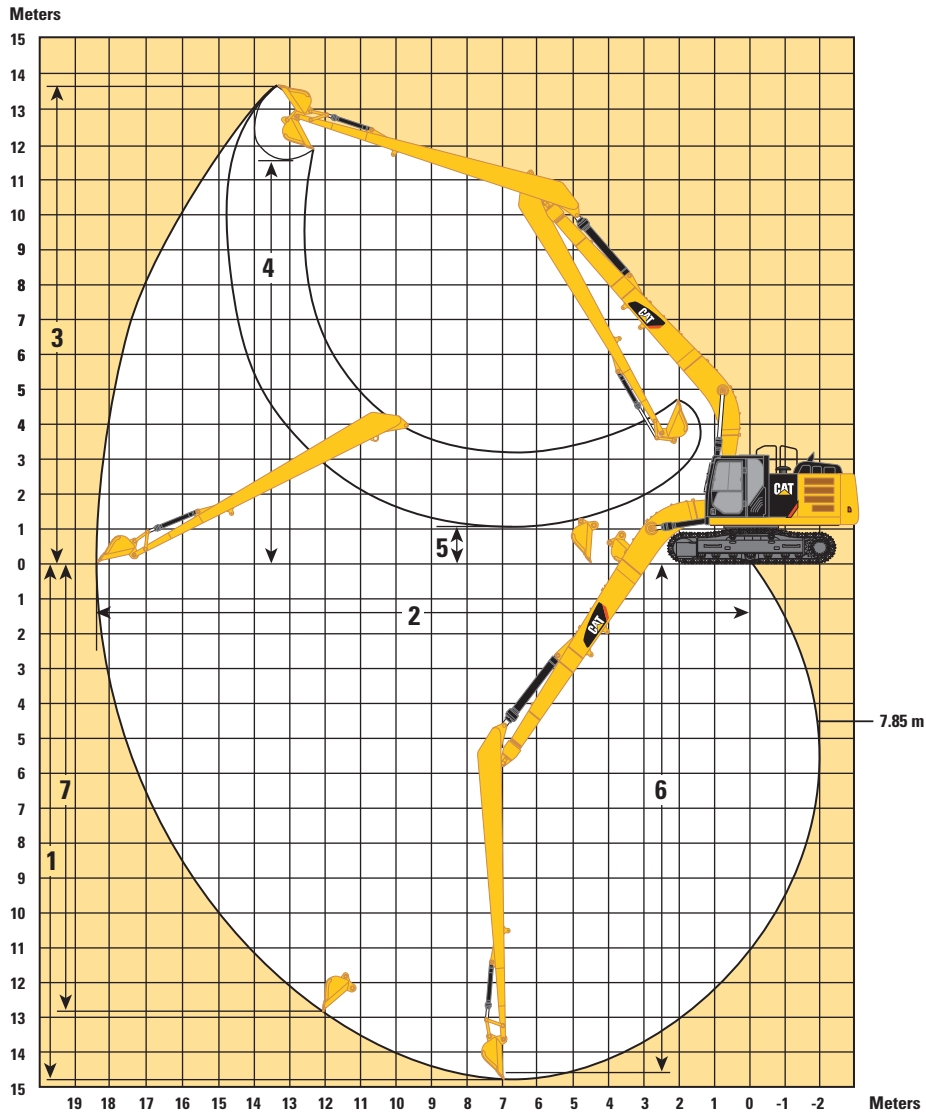


Stick	ES & HD Reach Booms 6.15 m		Mass Boom 5.55 m
	R3.2CB2	R2.65CB2	M2.5DB
	mm	mm	mm
1 Maximum Digging Depth	7250	6700	6100
2 Maximum Reach at Ground Level	10 680	10 200	9430
3 Maximum Cutting Height	10 010	9900	9130
4 Maximum Loading Height	6950	6800	6000
5 Minimum Loading Height	2290	2840	2470
6 Maximum Depth Cut for 2440 mm Level Bottom	7090	6520	5910
7 Maximum Vertical Wall Digging Depth	5980	5680	4250

329E Hydraulic Excavator

Working Ranges

All dimensions are approximate.



**Super Long Reach Boom
10.2 m**

**Super Long Reach Stick
7.85 m**

mm

1 Maximum Digging Depth	14 750
2 Maximum Reach at Ground Level	18 420
3 Maximum Cutting Height	13 620
4 Maximum Loading Height	11 420
5 Minimum Loading Height	1 170
6 Maximum Depth Cut for 2440 mm Level Bottom	14 650
7 Maximum Vertical Wall Digging Depth	12 690

329E Hydraulic Excavator

Operating Weight and Ground Pressure

	900 mm		800 mm		700 mm		600 mm	
	Triple Grouser Shoes	kg	Triple Grouser Shoes	kPa	Triple Grouser Shoes	kg	Triple Grouser Shoes	kPa
Long Undercarriage								
HD Reach Boom – 6.15 m								
R3.2CB2 HD	30 187	41.2	29 827	45.8	29 207	51.2	28 867	59.1
R2.65CB2 HD	30 037	41.0	29 677	45.5	29 057	51.0	28 717	58.8
ES Reach Boom – 6.15 m								
R3.2CB2 ES	30 527	41.6	30 167	46.3	29 547	52.5	29 207	59.8
R2.65CB2 ES	30 357	41.4	29 997	46.0	29 377	52.2	29 037	59.4
Mass Boom – 5.55 m								
M2.5DB	30 477	41.6	30 117	46.2	29 497	51.7	29 157	59.7
Super Long Reach Boom – 10.2 m								
7.85 m (SLR)	31 639	43.2	31 279	48.0	30 659	53.8	30 319	62.0
Long Narrow Undercarriage								
HD Reach Boom – 6.15 m								
R3.2CB2 HD	–	–	30 017	46.1	29 397	51.6	29 057	59.5
R2.65CB2 HD	–	–	29 847	45.8	29 227	51.3	28 887	59.1
ES Reach Boom – 6.15 m								
R3.2CB2 ES	–	–	30 167	46.3	29 547	52.5	29 207	59.8
R2.65CB2 ES	–	–	29 997	46.0	29 377	52.2	29 037	59.4
Mass Boom – 5.55 m								
M2.5DB	–	–	30 117	46.2	29 497	51.7	29 157	59.7

329E Hydraulic Excavator

Major Component Weights

	kg
Base Machine (with boom cylinder, without counterweight, front linkage and track)	
Long Undercarriage	15 500
Long Narrow Undercarriage	15 500
Counterweight	
5.8 mt	5810
6.75 mt	6750
Boom (includes lines, pins and stick cylinder)	
HD Reach Boom – 6.15 m	1950
ES Reach Boom – 6.15 m	2100
Mass Boom – 5.55 m	2020
Super Long Reach – 10.2 m	2800
Stick (includes lines, pins and bucket cylinder)	
R3.2CB2 HD	980
R2.65CB2 HD	830
R3.2CB2 ES	1170
R2.65CB2 ES	1000
M2.5DB	1020
7.85 m (SLR)	1400
Track Shoe (Long/per two tracks)	
600 mm Triple Grouser	3580
600 mm Triple Grouser Heavy Duty	4120
700 mm Triple Grouser Heavy Duty	4280
800 mm Triple Grouser	4540
900 mm Triple Grouser	4900
Track Shoe (Long Narrow/per two tracks)	
600 mm Triple Grouser	3580
600 mm Triple Grouser Heavy Duty	4120
700 mm Triple Grouser Heavy Duty	4280
800 mm Triple Grouser	4540
Buckets	
CB1 1200HD – 1.33 m ³	1047
CB1 1350HD – 1.54 m ³	1096
DB 1500GD – 1.87 m ³	1227
A 1145DC – 0.6 m ³	288.9

All weights are rounded up to nearest 10 kg except for buckets. Kg was rounded up separately so some of the kg do not match.

Base machine includes 75 kg operator weight, 90% fuel weight, and undercarriage with center guard.

700 mm triple grouser heavy duty track shoe is not used in the calculation for operating weight and ground pressure.

329E Hydraulic Excavator

Bucket and Stick Forces

Stick	Reach Booms 6.15 m				Mass Boom 5.55 m	Super Long Reach Boom 10.2 m
	CB-Family Bucket		CB-Family Bucket for CW-40		DB-Family Bucket	A-Family Bucket
	R3.2CB2 kN	R2.65CB2 kN	R3.2CB2 kN	R2.65CB2 kN	M2.5DB kN	Super Long Reach 7.85 m kN
General Duty						
Bucket Digging Force (ISO)	180	180	164	164	212	–
Stick Digging Force (ISO)	126	145	122	139	153	–
General Duty Capacity						
Bucket Digging Force (ISO)	175	175	–	–	–	–
Stick Digging Force (ISO)	125	143	–	–	–	–
Heavy Duty						
Bucket Digging Force (ISO)	179	179	163	163	210	–
Stick Digging Force (ISO)	126	145	122	139	152	–
Heavy Duty - Power						
Bucket Digging Force (ISO)	196	196	–	–	–	–
Stick Digging Force (ISO)	128	147	–	–	–	–
Severe Duty						
Bucket Digging Force (ISO)	179	179	–	–	–	–
Stick Digging Force (ISO)	126	145	–	–	–	–
Ditch Cleaning						
Bucket Digging Force (ISO)	–	–	–	–	–	60
Stick Digging Force (ISO)	–	–	–	–	–	45

Stick	Reach Booms 6.15 m			
	CB-Family Bucket for CW-45		CB-Family Bucket for CW-45S	
	R3.2CB2 kN	R2.65CB2 kN	R3.2CB2 kN	R2.65CB2 kN
General Duty				
Bucket Digging Force (ISO)	164	164	165	165
Stick Digging Force (ISO)	122	139	121	139
Heavy Duty				
Bucket Digging Force (ISO)	164	164	164	164
Stick Digging Force (ISO)	122	139	121	138

Tip Radius

	CB-Family Bucket	CB-Family Bucket for CW-45	DB-Family Bucket	A-Family Bucket
General Duty	1623 mm	1772 mm	1745 mm	–
General Duty Capacity	1656 mm	–	–	–
Heavy Duty	1650 mm	1798 mm	1779 mm	–
Severe Duty	1650 mm	–	–	–
Ditch Cleaning	–	–	–	1092 mm

329E Hydraulic Excavator

















329E L Heavy Duty Reach Boom Lift Capacities



Boom – 6.15 m
Stick – R3.2CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser

















Bucket – None
Heavy Lift – On

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
7.5 m	kg													*5600	*5600	7.27
6.0 m	kg									*7850	6050			*5350	5150	8.23
4.5 m	kg							*9200	8300	*8350	5900			*5300	4550	8.82
3.0 m	kg					*14 150	12 050	*10 750	7900	8750	5750	*6500	4350	*5450	4250	9.13
1.5 m	kg					*16 900	11 350	12 000	7550	8550	5550	6550	4250	*5800	4150	9.19
Ground Line	kg					*18 150	11 000	11 750	7300	8400	5400			*6350	4200	8.99
-1.5 m	kg	*6750	*6750	*10 600	*10 600	*18 150	10 900	11 600	7200	8300	5300			6950	4500	8.52
-3.0 m	kg	*12 100	*12 100	*17 150	*17 150	*17 050	10 950	11 600	7200	8350	5350			8000	5150	7.74
-4.5 m	kg			*19 750	*19 750	*14 500	11 200	*10 750	7400					*9400	6650	6.51

Boom – 6.15 m
Stick – R3.2CB2

Counterweight – 5.8 mt
Shoes – 700 mm triple grouser















Bucket – None
Heavy Lift – On

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
7.5 m	kg													*5600	*5600	7.27
6.0 m	kg									*7850	6100			*5350	5250	8.23
4.5 m	kg							*9200	8400	*8350	5950			*5300	4600	8.82
3.0 m	kg					*14 150	12 200	*10 750	8000	8850	5800	*6500	4400	*5450	4300	9.13
1.5 m	kg					*16 900	11 450	12 150	7650	8650	5600	6600	4300	*5800	4200	9.19
Ground Line	kg					*18 150	11 100	11 850	7400	8500	5450			*6350	4250	8.99
-1.5 m	kg	*6750	*6750	*10 600	*10 600	*18 150	11 000	11 750	7250	8400	5400			7050	4550	8.52
-3.0 m	kg	*12 100	*12 100	*17 150	*17 150	*17 050	11 050	11 750	7300	8450	5400			8100	5200	7.74
-4.5 m	kg			*19 750	*19 750	*14 500	11 300	*10 750	7450					*9400	6700	6.51

Boom – 6.15 m
Stick – R2.65CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser

Bucket – None
Heavy Lift – On

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m
														
7.5 m	kg											*7350	7250	6.67
6.0 m	kg							*8900	8500	*8350	6000	*6900	5750	7.70
4.5 m	kg					*12 250	*12 250	*10 000	8250	8950	5900	*6850	5000	8.33
3.0 m	kg					*15 450	11 900	*11 450	7900	8750	5750	*7000	4650	8.66
1.5 m	kg					*16 500	11 300	12 000	7550	8600	5550	6900	4500	8.72
Ground Line	kg					*17 550	11 050	11 800	7350	8450	5450	7050	4600	8.51
-1.5 m	kg			*10 350	*10 350	*17 950	11 050	11 700	7300	8400	5450	7700	5000	8.01
-3.0 m	kg			*19 400	*19 400	*16 400	11 150	11 800	7350			9100	5850	7.17
-4.5 m	kg			*17 250	*17 250	*13 100	11 450					*9550	7950	5.83

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329E Hydraulic Excavator

329E L Extreme Service Boom Lift Capacities



Load Point Height



Load at Maximum Reach



Load Radius Over Front



















Load Radius Over Side

Boom – 6.15 m
Stick – R3.2CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser















Bucket – None
Heavy Lift – On

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
7.5 m	kg													*5550	*5550	7.27
6.0 m	kg								*7750	5950				*5300	5050	8.23
4.5 m	kg							*9050	8200	*8200	5800			*5250	4450	8.82
3.0 m	kg					*13 950	11 900	*10 550	7800	8650	5600	*6450	4250	*5400	4150	9.13
1.5 m	kg					*16 650	11 100	11 850	7400	8450	5400	6400	4150	*5750	4000	9.19
Ground Line	kg					*17 900	10 750	11 550	7100	8250	5250			*6300	4100	8.99
-1.5 m	kg	*6700	*6700	*10 550	*10 550	*17 850	10 600	11 400	7000	8150	5150			6850	4350	8.52
-3.0 m	kg	*12 050	*12 050	*17 100	*17 100	*16 750	10 700	11 450	7050	8250	5200			7900	5000	7.74
-4.5 m	kg			*19 400	*19 400	*14 250	10 950	*10 550	7200					*9200	6500	6.51

Boom – 6.15 m
Stick – R2.65CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser

Bucket – None
Heavy Lift – On

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m	
														
7.5 m	kg											*7300	7150	6.67
6.0 m	kg							*8800	8450	*8350	5900	*6900	5650	7.70
4.5 m	kg					*12 100	*12 100	*9850	8150	*8800	5800	*6800	4900	8.33
3.0 m	kg					*15 250	11 700	*11 300	7750	8650	5600	6950	4500	8.66
1.5 m	kg					*16 500	11 050	11 850	7400	8450	5450	6800	4400	8.72
Ground Line	kg					*17 500	10 800	11 600	7200	8350	5300	6950	4500	8.51
-1.5 m	kg			*10 300	*10 300	*17 700	10 800	11 550	7150	8300	5300	7600	4850	8.01
-3.0 m	kg			*19 350	*19 350	*16 100	10 950	11 650	7200			8950	5700	7.17
-4.5 m	kg			*16 950	*16 950	*12 850	11 250					*9350	7800	5.83

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329E Hydraulic Excavator















329E L Mass Boom Lift Capacities



Boom – 5.55 m
Stick – M2.5DB

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser

Bucket – None
Heavy Lift – On

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m	
														
7.5 m	kg											*8650	*8650	5.49
6.0 m	kg						*9650	8400				*8050	7000	6.71
4.5 m	kg				*12 250	*12 250	*10 400	8200				*8000	5850	7.43
3.0 m	kg				*15 200	12 050	*11 650	7850	8700	5650		8150	5300	7.80
1.5 m	kg				*17 550	11 400	12 050	7550	8550	5500		7950	5150	7.87
Ground Line	kg				*18 400	11 050	11 800	7350	8450	5400		8250	5300	7.63
-1.5 m	kg			*17 350	*17 350	*17 750	11 050	11 750	7300			9200	5850	7.08
-3.0 m	kg			*21 150	*21 150	*15 550	11 200	*11 200	7450			*10 900	7250	6.10

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329E Hydraulic Excavator

329E L Super Long Reach Boom Lift Capacities



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

Boom – 10.2 m

















Counterweight – 6.75 mt















Bucket – None

Stick – 7.85 m Super Long Reach

Shoes – 800 mm triple grouser with step

Heavy Lift – On

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
12.0 m	kg													*1350	*1350	14.02
10.5 m	kg													*1300	*1300	15.00
9.0 m	kg													*1250	*1250	15.77
7.5 m	kg													*1250	*1250	16.37
6.0 m	kg													*1250	*1250	16.81
4.5 m	kg													*1300	*1300	17.10
3.0 m	kg			*4150	*4150							*4650	*4650	*1350	*1350	17.27
1.5 m	kg			*1550	*1550	*5200	*5200	*8300	7500	*6400	5600	*5350	4350	*1400	*1400	17.29
Ground Line	kg			*1650	*1650	*3600	*3600	*8250	6750	*7350	5100	*6000	4050	*1450	*1450	17.19
-1.5 m	kg	*1650	*1650	*2150	*2150	*3550	*3550	*6500	6300	7900	4750	6150	3800	*1550	1500	16.95
-3.0 m	kg	*2250	*2250	*2750	*2750	*3900	*3900	*6250	6050	7650	4550	5950	3600	*1650	1500	16.58
-4.5 m	kg	*2850	*2850	*3350	*3350	*4450	*4450	*6550	5900	7500	4400	5850	3450	*1850	1600	16.05
-6.0 m	kg	*3450	*3450	*4050	*4050	*5150	*5150	*7250	5900	7450	4350	5800	3400	*2050	1700	15.36
-7.5 m	kg	*4150	*4150	*4800	*4800	*6000	*6000	*8250	5950	7500	4350	5800	3400	*2400	1850	14.47
-9.0 m	kg	*4850	*4850	*5650	*5650	*7050	*7050	*9650	6100	7550	4450	5850	3450	*2950	2100	13.36
-10.5 m	kg	*5650	*5650	*6650	*6650	*8350	*8350	*9950	6300	7750	4600	5950	3600	*3900	2550	11.96
-12.0 m	kg			*7800	*7800	*10 100	*10 100	*8650	6600	*7050	4850	*5800	3800	*4900	3300	10.15
-13.5 m	kg													*5550	*5550	7.10

		10.5 m		12.0 m		13.5 m		15.0 m		16.5 m				m		
																
12.0 m	kg													*1350	*1350	14.02
10.5 m	kg													*1300	*1300	15.00
9.0 m	kg							*2050	*2050					*1250	*1250	15.77
7.5 m	kg					*3000	2800	*2550	2300					*1250	*1250	16.37
6.0 m	kg					*3150	2750	*2950	2250	*1700	*1700	*1250	*1250	*1250	*1250	16.81
4.5 m	kg			*3500	3200	*3350	2600	*3300	2150	*2100	1750	*1300	*1300	*1300	*1300	17.10
3.0 m	kg	*4200	3750	*3850	3050	*3600	2500	3300	2050	*2350	1700	*1350	*1350	*1350	*1350	17.27
1.5 m	kg	*4650	3500	*4200	2850	3750	2350	3200	2000	*2550	1650	*1400	*1400	*1400	*1400	17.29
Ground Line	kg	*5150	3300	4300	2700	3650	2250	3100	1900	*2550	1600	*1450	*1450	*1450	*1450	17.19
-1.5 m	kg	5000	3100	4150	2550	3500	2150	3000	1800	*2400	1550	*1550	1500	*1550	1500	16.95
-3.0 m	kg	4850	2950	4050	2450	3450	2050	2950	1750	*1850	1550	*1650	1500	*1650	1500	16.58
-4.5 m	kg	4750	2850	3950	2350	3400	2000	2950	1750			*1850	1600	*1850	1600	16.05
-6.0 m	kg	4700	2800	3900	2350	3350	2000	2950	1750			*2050	1700	*2050	1700	15.36
-7.5 m	kg	4700	2800	3950	2350	3400	2000					*2400	1850	*2400	1850	14.47
-9.0 m	kg	4750	2850	4000	2400							*2950	2100	*2950	2100	13.36
-10.5 m	kg	4850	2950									*3900	2550	*3900	2550	11.96
-12.0 m	kg											*4900	3300	*4900	3300	10.15
-13.5 m	kg											*5550	*5550	*5550	*5550	7.10

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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329E Hydraulic Excavator

329E LN Heavy Duty Reach Boom Lift Capacities



Load Point Height



Load at Maximum Reach



Load Radius Over Front



















Load Radius Over Side

Boom – 6.15 m
Stick – R3.2CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser















Bucket – None
Heavy Lift – On

 7.5 m kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
7.5 m														*5600	*5600	7.27
6.0 m									*7850	5600				*5350	4800	8.23
4.5 m							*9200	7700	*8350	5500				*5300	4250	8.82
3.0 m					*14 150	11 050	*10 750	7300	8800	5300	*6500	4000	*5450	3950	9.13	
1.5 m					*16 900	10 350	12 050	6950	8600	5100	6550	3950	*5800	3800	9.19	
Ground Line					*18 150	10 000	11 750	6700	8400	4950			*6350	3900	8.99	
-1.5 m		*6750	*6750	*10 600	*10 600	*18 150	9900	11 650	6600	8350	4900			7000	4150	8.52
-3.0 m		*12 100	*12 100	*17 150	*17 150	*17 050	9950	11 650	6600	8400	4950			8050	4750	7.74
-4.5 m				*19 750	*19 750	*14 500	10 200	*10 750	6800					*9400	6100	6.51

Boom – 6.15 m
Stick – R2.65CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser

Bucket – None
Heavy Lift – On

 7.5 m kg	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m		
															
7.5 m													*7350	6700	6.67
6.0 m							*8900	7900	*8350	5550	*6900	5300	7.70		
4.5 m					*12 250	11 700	*10 000	7650	*8950	5450	*6850	4650	8.33		
3.0 m					*15 450	10 850	*11 450	7250	8800	5300	*7000	4300	8.66		
1.5 m					*16 500	10 300	12 050	6950	8600	5150	6900	4200	8.72		
Ground Line					*17 550	10 050	11 800	6750	8500	5050	7100	4250	8.51		
-1.5 m			*10 350	*10 350	*17 950	10 050	11 750	6700	8450	5000	7700	4600	8.01		
-3.0 m			*19 400	*19 400	*16 400	10 150	11 800	6750			9100	5400	7.17		
-4.5 m			*17 250	*17 250	*13 100	10 450					*9550	7300	5.83		

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329E Hydraulic Excavator

329E LN Extreme Service Boom Lift Capacities



Load Point Height



Load at Maximum Reach



Load Radius Over Front



















Load Radius Over Side

Boom – 6.15 m
Stick – R3.2CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser















Bucket – None
Heavy Lift – On

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
7.5 m	kg													*5550	*5550	7.27
6.0 m	kg								*7750	5500				*5300	4700	8.23
4.5 m	kg							*9050	7600	*8200	5350			*5250	4100	8.82
3.0 m	kg					*13 950	10 900	*10 550	7150	8700	5150	*6450	3900	*5400	3800	9.13
1.5 m	kg					*16 650	10 100	11 900	6800	8450	4950	6450	3800	*5750	3700	9.19
Ground Line	kg					*17 900	9750	11 600	6550	8250	4800			*6300	3750	8.99
-1.5 m	kg	*6700	*6700	*10 550	*10 550	*17 850	9650	11 450	6400	8200	4750			6850	4000	8.52
-3.0 m	kg	*12 050	*12 050	*17 100	*17 100	*16 750	9700	11 450	6450	8250	4800			7900	4600	7.74
-4.5 m	kg			*19 400	*19 400	*14 250	9950	*10 550	6600					*9200	5950	6.51

Boom – 6.15 m
Stick – R2.65CB2

Counterweight – 5.8 mt
Shoes – 600 mm triple grouser

Bucket – None
Heavy Lift – On

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m	
														
7.5 m	kg											*7300	6650	6.67
6.0 m	kg							*8800	7800	*8350	5450	*6900	5200	7.70
4.5 m	kg					*12 100	11 600	*9850	7500	*8800	5350	*6800	4550	8.33
3.0 m	kg					*15 250	10 700	*11 300	7150	8700	5200	6950	4200	8.66
1.5 m	kg					*16 500	10 050	11 900	6800	8500	5000	6800	4050	8.72
Ground Line	kg					*17 500	9850	11 650	6600	8350	4900	7000	4150	8.51
-1.5 m	kg			*10 300	*10 300	*17 700	9800	11 600	6550	8300	4850	7600	4500	8.01
-3.0 m	kg			*19 350	*19 350	*16 100	9950	11 650	6600			9000	5250	7.17
-4.5 m	kg			*16 950	*16 950	*12 850	10 250					*9350	7200	5.83

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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329E Hydraulic Excavator

329E LN Mass Boom Lift Capacities



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

Boom – 5.55 m

Stick – M2.5DB

Counterweight – 5.8 mt

Shoes – 600 mm triple grouser

Bucket – None

Heavy Lift – On

Load Point Height	Unit	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		m		
		Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
7.5 m	kg											*8650	*8650	5.49
6.0 m	kg							*9650	7800			*8050	6450	6.71
4.5 m	kg					*12 250	11 800	*10 400	7600			*8000	5400	7.43
3.0 m	kg					*15 200	11 000	*11 650	7250	8700	5200	8200	4900	7.80
1.5 m	kg					*17 550	10 350	12 050	6950	8550	5100	7950	4750	7.87
Ground Line	kg					*18 400	10 100	11 850	6750	8450	5000	8250	4900	7.63
-1.5 m	kg			*17 350	*17 350	*17 750	10 050	11 750	6700			9200	5400	7.08
-3.0 m	kg			*21 150	19 850	*15 550	10 200	*11 200	6800			*10 900	6700	6.10

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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Work Tool Offering Guide*

Boom Type	ES & HD Reach Booms		Mass Boom
	R3.2	R2.65	M2.5
Hydraulic Hammer	H120E s H130E s H140D s	H120E s H130E s H140D s	H120E s H130E s H140D s
Multi-Processor	MP20	MP20	MP20 MP30**
Crusher	P325	P325	P325
Pulverizer	P225	P225	P225 P235
Demolition and Sorting Grapple	G320B G325B	G320B G325B	G325B G330
Mobile Scrap and Demolition Shear	S320B S325B** S340B***	S320B S325B S340B***	S320B S325B S340B***
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110
Orange Peel Grapple			
Ripper			
Dedicated Quick Coupler			

These work tools are available for the 329E.
Consult your Cat dealer for proper match.

*Matches are dependent on excavator configurations. Consult your Cat dealer for proper work tool match.

**Pin-on only.

***Boom Mount.

329E Hydraulic Excavator

Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom (HD)		Reach Boom (ES)		Super Long Reach	Mass Boom
		mm	m ³	kg	%	R2.65 HD	R3.2 HD	R2.65 ES	R3.2 ES	7.85	M2.5
Without Quick Coupler						329E L					
Ditch Cleaning (DC)	A	1238	0.57	289	100%					⊙	
	A	770	0.69	377	100%					○	
General Duty (GD)	CB	750	0.71	730	100%	●	●	●	●		
	CB	1050	1.12	864	100%	●	●	●	●		
	CB	1200	1.33	927	100%	●	●	●	●		
	CB	1350	1.54	1009	100%	●	●	●	●		
	CB	1500	1.76	1074	100%	●	X	●	⊙		
	DB	1350	1.64	1173	100%						●
	DB	1500	1.88	1275	100%						●
	DB	1650	2.12	1352	100%						●
	DB	1800	2.36	1453	100%						X
Heavy Duty (HD)	CB	1350	1.54	1134	100%	●	●	●	⊙		
	CB	1500	1.76	1229	100%	●	X	●	⊖		
	DB	1350	1.64	1447	100%						●
	DB	1500	1.88	1542	100%						●
	DB	1650	2.12	1673	100%						⊙
Severe Duty (SD)	CB	1350	1.56	1245	90%	●	●	●	●		
	DB	1650	2.15	1827	90%						●
Maximum load pin-on (payload + bucket)					kg	4955	4485	4830	4165	1145	5725
Without Quick Coupler						329E LN					
Ditch Cleaning (DC)	A	1238	0.57	289	100%					⊙	
	A	770	0.69	377	100%					○	
General Duty (GD)	CB	750	0.71	730	100%	●	●	●	●		
	CB	1050	1.12	864	100%	●	●	●	●		
	CB	1200	1.33	927	100%	●	●	●	●		
	CB	1350	1.54	1009	100%	●	⊙	●	⊙		
	CB	1500	1.76	1074	100%	⊙	X	⊙	⊖		
	DB	1350	1.64	1173	100%						●
	DB	1500	1.88	1275	100%						●
	DB	1650	2.12	1352	100%						⊙
	DB	1800	2.36	1453	100%						X
Heavy Duty (HD)	CB	1350	1.54	1134	100%	●	⊙	●	⊙		
	CB	1500	1.76	1229	100%	⊙	X	⊙	⊖		
	DB	1350	1.64	1447	100%						●
	DB	1500	1.88	1542	100%						⊙
	DB	1650	2.12	1673	100%						⊖
Severe Duty (SD)	CB	1350	1.56	1245	90%	●	⊙	●	⊙		
	DB	1650	2.15	1827	90%						⊖
Maximum load pin-on (payload + bucket)					kg	4400	3970	4260	3790	1145	5075

Maximum Material Density:

- 2100 kg/m³
- ⊙ 1800 kg/m³
- ⊖ 1500 kg/m³
- 1200 kg/m³
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity over the side with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

329E Hydraulic Excavator

Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom (HD)		Reach Boom (ES)		Super Long Reach	Mass Boom
		mm	m ³	kg	%	R2.65 HD	R3.2 HD	R2.65 ES	R3.2 ES	7.85	M2.5
With Quick Coupler (CW45, CW45s)						329E L					
General Duty (GD)	CB	750	0.71	693	100%	●	●	●	●		
	CB	1350	1.54	1008	100%	●	⊙	●	⊙		
	CB	1500	1.76	1074	100%	⊙	⊖	⊙	⊖		
	CB	1650	1.97	1157	100%	⊖	⊖	⊖	○		
	DB	1050	1.17	986	100%						●
	DB	1200	1.40	1064	100%						●
	DB	1350	1.64	1142	100%						●
	DB	1500	1.88	1245	100%						●
	DB	1650	2.12	1323	100%						⊙
Heavy Duty (HD)	CB	1200	1.33	1061	100%	●	●	●	●		
	CB	1350	1.54	1134	100%	●	⊙	●	⊖		
	CB	1500	1.76	1229	100%	⊙	⊖	⊙	○		
	CB	1650	1.97	1302	100%	⊖	○	⊖	○		
	DB	1350	1.64	1417	100%						●
	DB	750	0.73	973	100%						●
	DB	1500	1.88	1514	100%						⊙
	DB	1650	2.12	1647	100%						⊖
	DB	1800	2.36	1746	100%						⊖
Severe Duty (SD)	DB	1050	1.17	1282	90%						●
	DB	1500	1.91	1661	90%						●
	DB	1650	2.15	1802	90%						⊙
Maximum load with coupler (payload + bucket)					kg	4491	4021	4366	3701		5235

Maximum Material Density:

- 2100 kg/m³
- ⊙ 1800 kg/m³
- ⊖ 1500 kg/m³
- 1200 kg/m³
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity over the side with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

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329E Hydraulic Excavator

Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom (HD)		Reach Boom (ES)		Super Long Reach	Mass Boom
		mm	m ³	kg	%	R2.65 HD	R3.2 HD	R2.65 ES	R3.2 ES	7.85	M2.5
With Quick Coupler (CW45, CW45s)						329E LN					
General Duty (GD)	CB	750	0.71	693	100%	●	●	●	●		
	CB	1350	1.54	1008	100%	⊙	⊖	⊙	⊖		
	CB	1500	1.76	1074	100%	⊖	○	⊖	○		
	CB	1650	1.97	1157	100%	○	○	○	◇		
	DB	1050	1.17	986	100%						●
	DB	1200	1.40	1064	100%						●
	DB	1350	1.64	1142	100%						●
	DB	1500	1.88	1245	100%						⊙
	DB	1650	2.12	1323	100%						⊖
Heavy Duty (HD)	CB	1200	1.33	1061	100%	●	⊙	●	⊖		
	CB	1350	1.54	1134	100%	⊙	⊖	⊙	○		
	CB	1500	1.76	1229	100%	⊖	○	⊖	○		
	CB	1650	1.97	1302	100%	○	◇	○	◇		
	DB	1350	1.64	1417	100%						⊙
	DB	750	0.73	973	100%						●
	DB	1500	1.88	1514	100%						⊖
	DB	1650	2.12	1647	100%						○
	DB	1800	2.36	1746	100%						○
Severe Duty (SD)	DB	1050	1.17	1282	90%						●
	DB	1500	1.91	1661	90%						⊖
	DB	1650	2.15	1802	90%						⊖
Maximum load with coupler (payload + bucket)					kg	3936	3506	3796	3326		4585

Maximum Material Density:

- 2100 kg/m³
- ⊙ 1800 kg/m³
- ⊖ 1500 kg/m³
- 1200 kg/m³
- ◇ 900 kg/m³
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity over the side with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

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