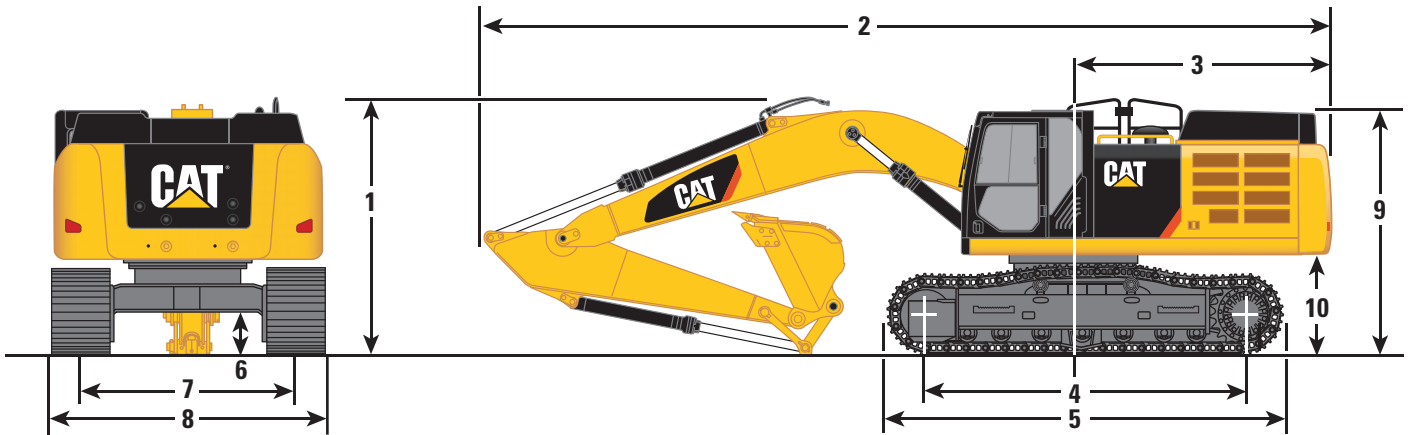


# 349E L Hydraulic Excavator

## Dimensions – Long FIX Undercarriage

All dimensions are approximate.

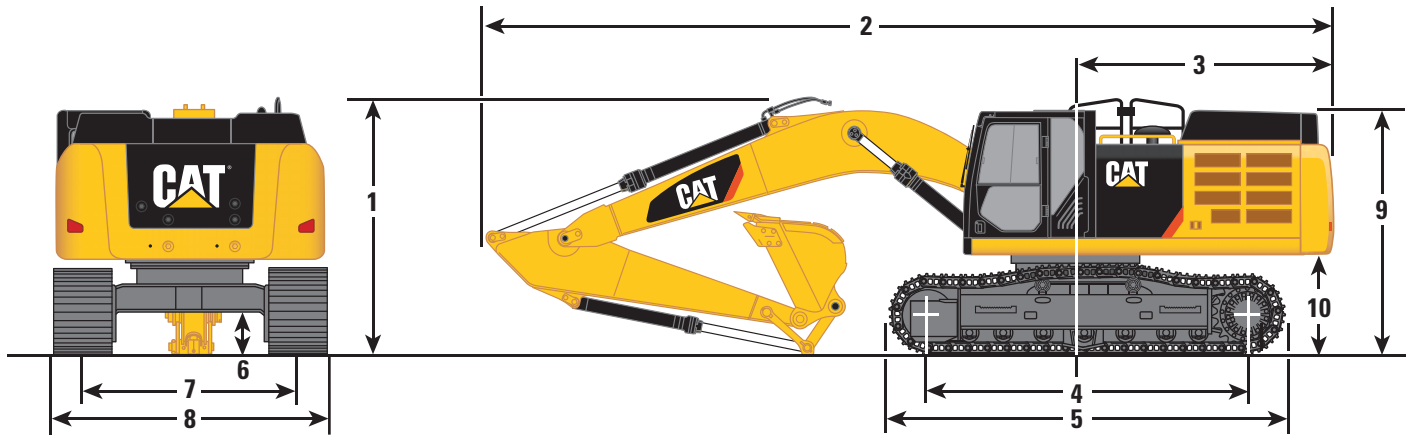


Stick	HD Reach Boom 6.9 m		Mass Boom 6.55 m	
	R3.35TB	R2.9TB	M3.0UB	M2.5UB
<b>1</b> Shipping Height at Boom Top	3730 mm	3660 mm	4020 mm	3980 mm
Shipping Height with Guard Rail	3610 mm	3610 mm	3610 mm	3610 mm
<b>2</b> Shipping Length	11 920 mm	11 910 mm	11 590 mm	11 680 mm
<b>3</b> Tail Swing Radius	3760 mm	3760 mm	3760 mm	3760 mm
<b>4</b> Length to Center of Rollers	4360 mm	4360 mm	4360 mm	4360 mm
<b>5</b> Track Length	5370 mm	5370 mm	5370 mm	5370 mm
<b>6</b> Ground Clearance (including Shoe Lug Height)	510 mm	510 mm	510 mm	510 mm
<b>7</b> Track Gauge	2740 mm	2740 mm	2740 mm	2740 mm
<b>8</b> Transport Width				
600 mm Shoes	3340 mm	3340 mm	3340 mm	3340 mm
<b>9</b> Cab Height	3220 mm	3220 mm	3220 mm	3220 mm
Cab Height with Top Guard	3390 mm	3390 mm	3390 mm	3390 mm
<b>10</b> Counterweight Clearance	1280 mm	1280 mm	1280 mm	1280 mm
Bucket Capacity	3.1 m <sup>3</sup>	3.1 m <sup>3</sup>	3.2 m <sup>3</sup>	3.2 m <sup>3</sup>
Bucket Tip Radius	1866 mm	1866 mm	2046 mm	2046 mm

# 349E L Hydraulic Excavator

## Dimensions – Long VG Undercarriage

All dimensions are approximate.



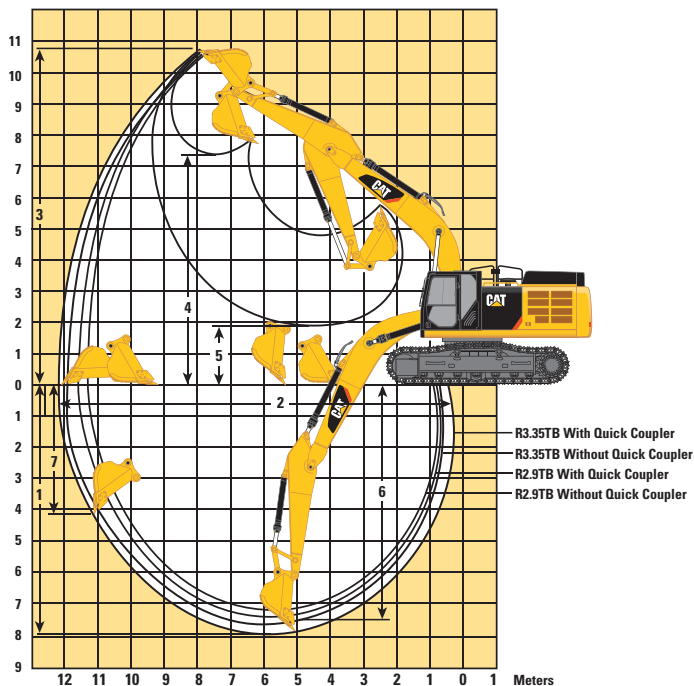
Stick	HD Reach Boom 6.9 m		Mass Boom 6.55 m	
	R3.35TB	R2.9TB	M3.0UB	M2.5UB
<b>1</b> Shipping Height at Boom Top	3550 mm	3700 mm	4020 mm	4010 mm
Shipping Height with Guard Rail	3760 mm	3760 mm	3760 mm	3760 mm
<b>2</b> Shipping Length	11 820 mm	11 890 mm	11 560 mm	11 640 mm
<b>3</b> Tail Swing Radius	3760 mm	3760 mm	3760 mm	3760 mm
<b>4</b> Length to Center of Rollers	4340 mm	4340 mm	4340 mm	4340 mm
<b>5</b> Track Length	5380 mm	5380 mm	5380 mm	5380 mm
<b>6</b> Ground Clearance (including Shoe Lug Height)	740 mm	740 mm	740 mm	740 mm
<b>7</b> Track Gauge (Expanded)	2890 mm	2890 mm	2890 mm	2890 mm
Track Gauge (Retracted)	2390 mm	2390 mm	2390 mm	2390 mm
<b>8</b> Transport Width (Expanded)				
600 mm Shoes	3490 mm	3490 mm	3490 mm	3490 mm
750 mm Shoes	3640 mm	3640 mm	3640 mm	3640 mm
900 mm Shoes	3790 mm	3790 mm	3790 mm	3790 mm
Transport Width (Retracted)				
600 mm Shoes	3000 mm	3000 mm	3000 mm	3000 mm
750 mm Shoes	3140 mm	3140 mm	3140 mm	3140 mm
900 mm Shoes	3290 mm	3290 mm	3290 mm	3290 mm
<b>9</b> Cab Height	3370 mm	3370 mm	3370 mm	3370 mm
Cab Height with Top Guard	3540 mm	3540 mm	3540 mm	3540 mm
<b>10</b> Counterweight Clearance	1430 mm	1430 mm	1430 mm	1430 mm
Bucket Capacity	2.1 m <sup>3</sup>	2.1 m <sup>3</sup>	2.4 m <sup>3</sup>	2.6 m <sup>3</sup>
Bucket Tip Radius	1863 mm	1863 mm	2021 mm	2020 mm

# 349E L Hydraulic Excavator

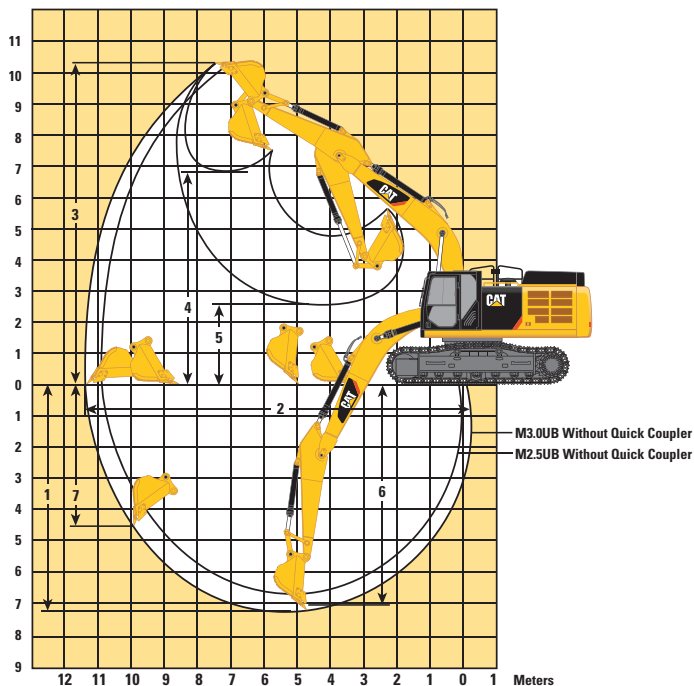
## Working Ranges

All dimensions are approximate.

Meters



Meters



### HD Reach Boom 6.9 m

### Mass Boom 6.55 m

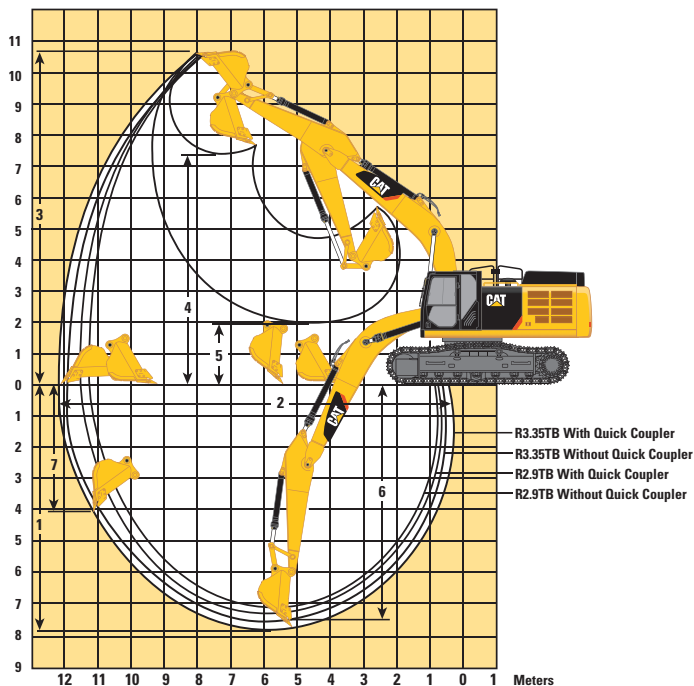
Stick	HD Reach Boom 6.9 m		Mass Boom 6.55 m	
	R3.35TB	R2.9TB	M3.0UB	M2.5UB
<b>Long FIX Undercarriage</b>				
Maximum Slope	35°/70%	35°/70%	35°/70%	35°/70%
<b>1</b> Maximum Digging Depth	7630 mm	7180 mm	7230 mm	6730 mm
<b>2</b> Maximum Reach at Ground Level	11 710 mm	11 290 mm	11 200 mm	10 740 mm
<b>3</b> Maximum Cutting Height	10 810 mm	10 640 mm	10 300 mm	10 110 mm
<b>4</b> Maximum Loading Height	7460 mm	7280 mm	6820 mm	6620 mm
<b>5</b> Minimum Loading Height	2780 mm	3230 mm	2650 mm	3150 mm
<b>6</b> Maximum Depth Cut for 2440 mm Level Bottom	7490 mm	7020 mm	7080 mm	6560 mm
<b>7</b> Maximum Vertical Wall Digging Depth	5760 mm	5350 mm	4570 mm	4140 mm
Bucket Capacity	3.1 m <sup>3</sup>	3.1 m <sup>3</sup>	3.2 m <sup>3</sup>	3.2 m <sup>3</sup>
Bucket Tip Radius	1866 mm	1866 mm	2046 mm	2046 mm

# 349E L Hydraulic Excavator

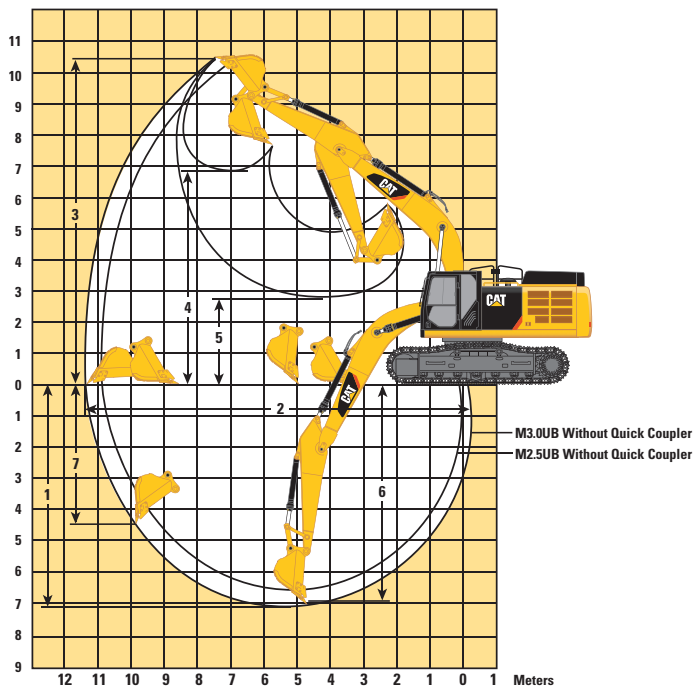
## Working Ranges

All dimensions are approximate.

Meters



Meters



### HD Reach Boom 6.9 m

### Mass Boom 6.55 m

Stick	HD Reach Boom 6.9 m		Mass Boom 6.55 m	
	R3.35TB	R2.9TB	M3.0UB	M2.5UB
<b>Long VG Undercarriage</b>				
Maximum Slope	35°/70%	35°/70%	35°/70%	35°/70%
<b>1</b> Maximum Digging Depth	7490 mm	7040 mm	7140 mm	6640 mm
<b>2</b> Maximum Reach at Ground Level	11 680 mm	11 260 mm	11 220 mm	10 760 mm
<b>3</b> Maximum Cutting Height	10 870 mm	10 690 mm	11 440 mm	10 240 mm
<b>4</b> Maximum Loading Height	7610 mm	7430 mm	6910 mm	6720 mm
<b>5</b> Minimum Loading Height	2920 mm	3370 mm	2740 mm	3240 mm
<b>6</b> Maximum Depth Cut for 2440 mm Level Bottom	7340 mm	6880 mm	6990 mm	6740 mm
<b>7</b> Maximum Vertical Wall Digging Depth	5170 mm	5350 mm	4340 mm	3910 mm
Bucket Capacity	2.4 m <sup>3</sup>	2.4 m <sup>3</sup>	2.8 m <sup>3</sup>	2.8 m <sup>3</sup>
Bucket Tip Radius	1865 mm	1865 mm	2099 mm	2099 mm

# 349E L Hydraulic Excavator

## Operating Weight and Ground Pressure

	900 mm Triple Grouser Shoes		750 mm Triple Grouser Shoes		600 mm Double Grouser Shoes	
	kg	kPa	kg	kPa	kg	kPa
<b>Long FIX Undercarriage</b>						
HD Reach Boom – 6.9 m						
R3.35TB HD	–	–	–	–	47 800	83.0
R2.9TB HD	–	–	–	–	47 700	83.0
Mass Boom – 6.55 m						
M3.0UB HD	–	–	–	–	49 100	85.0
M2.5UB HD	–	–	–	–	48 800	85.0
<b>Long VG Undercarriage</b>						
HD Reach Boom – 6.9 m						
R3.35TB HD	52 000	60.0	51 200	71.0	50 500	88.0
R2.9TB HD	51 800	60.0	51 000	71.0	50 300	88.0
Mass Boom – 6.55 m						
M3.0UB HD	53 300	62.0	52,500	73.0	51 800	90.0
M2.5UB HD	53 000	62.0	52,300	73.0	51 500	90.0

## Major Component Weights\*

	kg
Base machine (with boom cylinder, without counterweight, front linkage and track)	
Long FIX Undercarriage	24 200
Long VG Undercarriage	26 800
Counterweight	
9.0 mt	9000
Boom (includes lines, pins and stick cylinder)	
Reach Boom – 6.9 m	4510
Mass Boom – 6.55 m	4750
Stick (includes lines, pins and bucket cylinder)	
R3.35TB HD	2480
R2.9TB HD	2290
M3.0UB	2930
M2.5UB	2700
Track shoe (Long FIX/per two tracks)	
600 mm double grouser	5240
Track shoe (Long VG/per two tracks)	
600 mm double grouser	5300
750 mm triple grouser	5940
900 mm triple grouser	6700
Buckets	
TB1880GD – 3.10 m <sup>3</sup>	2440
UB1850HD – 3.20 m <sup>3</sup>	2970

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

# 349E L Hydraulic Excavator

## Bucket and Stick Forces

Stick	HD Reach Boom 6.9 m		Mass Boom 6.55 m		Tip Radius mm
	R3.35TB kN	R2.9TB kN	M3.0UB kN	M2.5UB kN	
<b>TB-Family Bucket</b>					
Heavy Duty					
Bucket Digging Force (ISO)	268	268	–	–	1865
Stick Digging Force (ISO)	201	221	–	–	
<b>TB-Family Bucket for CW-55</b>					
Heavy Duty					
Bucket Digging Force (ISO)	231	231	–	–	2059
Stick Digging Force (ISO)	191	209	–	–	
<b>UB-Family Bucket</b>					
Heavy Duty					
Bucket Digging Force (ISO)	–	–	296	296	2057
Stick Digging Force (ISO)	–	–	212	241	
<b>UB-Family Bucket for CW-55</b>					
Heavy Duty					
Bucket Digging Force (ISO)	–	–	262	262	2230
Stick Digging Force (ISO)	–	–	202	228	

## 349E L Work Tool Offering Guide\*

Boom Type Stick Size	Reach Boom (HD)		Mass Boom	
	R3.35 (HD)	R2.9 (HD)	M3.0	M2.5
Hydraulic Hammer	H160D S	H160D S	H160D S	H160D S
	H180D S	H180D S	H180D S	H180D S
Multi-Processor	MP30	MP30	MP30	MP30 MP40
Crusher	P335	P335	P335	P335
		P360	P360	P360
Pulverizer	P235	P235	P235	P235
Demolition and Sorting Grapple	G330	G330	G330	G330
Mobile Scrap and Demolition Shear	S340B	S340B	S340B	S340B
	S365C**	S365C**	S365C**	S365C**
	S385C**	S385C**	S385C**	S385C**

- Orange Peel Grapple
- Clamshell
- Rippers
- Rakes
- Dedicated Quick Coupler

These work tools are available for the 349E.  
Consult your Cat dealer for proper match.

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

\*\*Boom Mount

# 349E L Hydraulic Excavator

## 349E L (LC-FIX) HD Reach Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R3.35TB**

**Shoes – 600 mm double grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*8250	*8250	7.30
7.5 m	kg								*10 850	*10 850				*7750	*7750	8.48
6.0 m	kg								*11 400	10 850	*9800	8050	*7600	*7600	9.27	
4.5 m	kg					*18 900	*18 900	*14 550	*14 550	*12 350	10 500	*11 100	7900	*7700	6900	9.76
3.0 m	kg					*23 450	20 800	*16 700	13 800	*13 500	10 050	*11 650	7650	*8050	6500	10.01
1.5 m	kg					*17 550	*17 550	*18 400	13 100	*14 500	9650	11 900	7450	*8600	6350	10.02
Ground Line	kg					*19 800	19 200	*19 200	12 700	*15 050	9350	11 700	7250	*9500	6450	9.80
-1.5 m	kg			*14 050	*14 050	*25 150	19 150	*19 050	12 500	*15 000	9200	11 650	7200	*11 000	6900	9.33
-3.0 m	kg			*22 500	*22 500	*23 000	19 300	*17 800	12 550	*14 000	9200			*11 550	7750	8.57
-4.5 m	kg			*24 800	*24 800	*19 400	*19 400	*15 150	12 800					*11 350	9600	7.43

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R3.35TB**

**Shoes – 600 mm double grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9000	*9000	7.30
7.5 m	kg								*12 000	11 100				*8500	*8500	8.48
6.0 m	kg								*12 600	10 850	*10 750	8050	*8350	7650	9.27	
4.5 m	kg					*20 850	*20 850	*16 100	14 650	*13 700	10 500	*12 300	7900	*8450	6900	9.76
3.0 m	kg					*25 900	20 800	*18 500	13 800	*14 950	10 050	12 150	7650	*8800	6500	10.01
1.5 m	kg					*18 600	*18 600	*20 400	13 100	15 600	9650	11 900	7450	*9400	6350	10.02
Ground Line	kg					*20 950	19 200	*21 300	12 700	15 300	9350	11 700	7250	10 350	6450	9.80
-1.5 m	kg			*14 900	*14 900	*27 900	19 150	*21 100	12 500	15 150	9200	11 650	7200	11 100	6900	9.33
-3.0 m	kg			*23 850	*23 850	*25 550	19 300	*19 750	12 550	15 150	9200			12 550	7750	8.57
-4.5 m	kg			*27 650	*27 650	*21 550	19 700	*16 850	12 800					*12 650	9600	7.43

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-FIX) HD Reach Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R2.9TB**

**Shoes – 600 mm double grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9850	*9850	6.72
7.5 m	kg								*11 650	10 950				*9200	*9200	7.99
6.0 m	kg							*13 500	*13 500	*12 050	10 800			*9050	8250	8.82
4.5 m	kg					*20 500	*20 500	*15 400	14 500	*12 950	10 400	*11 600	7850	*9150	7400	9.34
3.0 m	kg					*18 150	*18 150	*17 450	13 700	*14 000	10 000	*12 050	7650	*9550	6950	9.59
1.5 m	kg					*12 900	*12 900	*18 900	13 050	*14 850	9650	11 900	7500	*10 300	6800	9.60
Ground Line	kg					*18 400	*18 400	*19 400	12 750	*15 250	9400	11 800	7350	11 100	6950	9.37
-1.5 m	kg			*14 200	*14 200	*24 500	19 350	*18 900	12 600	*14 950	9300			12 000	7450	8.88
-3.0 m	kg			*25 000	*25 000	*22 000	19 600	*17 300	12 700	*13 550	9400			*12 050	8550	8.08
-4.5 m	kg					*17 850	*17 850	*14 000	13 050					*11 600	10 900	6.85

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R2.9TB**

**Shoes – 600 mm double grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m		
																	
9.0 m	kg													*10 750	*10 750	6.72	
7.5 m	kg									*12 850	10 950				*10 050	9850	7.99
6.0 m	kg							*14 850	*14 850	*13 300	10 800			*9900	8250	8.82	
4.5 m	kg					*22 550	22 250	*17 000	14 500	*14 300	10 400	12 350	7850	*10 000	7400	9.34	
3.0 m	kg					*19 200	*19 200	*19 300	13 700	*15 500	10 000	12 150	7650	*10 450	6950	9.59	
1.5 m	kg					*13 700	*13 700	*20 900	13 050	15 600	9650	11 900	7500	10 850	6800	9.60	
Ground Line	kg					*19 450	19 300	*21 500	12 750	15 350	9400	11 800	7350	11 100	6950	9.37	
-1.5 m	kg			*15 050	*15 050	*27 150	19 350	*20 950	12 600	15 250	9300			12 000	7450	8.88	
-3.0 m	kg			*26 450	*26 450	*24 400	19 600	*19 200	12 700	*15 050	9400			*13 400	8550	8.08	
-4.5 m	kg					*19 850	*19 850	*15 600	13 050					*12 900	10 900	6.85	

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-FIX) Mass Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



















Load Radius Over Side

**Boom** – 6.55 m  
**Stick** – M3.0UB

**Counterweight** – 9.0 mt  
**Shoes** – 600 mm double grouser

















**Bucket** – None  
**Heavy Lift** – Off

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
7.5 m	kg									*10 550	*10 550			*9100	*9100	7.67
6.0 m	kg									*11 700	10 500			*8850	8400	8.53
4.5 m	kg					*18 900	*18 900	*14 650	14 350	*12 500	10 150	*9850	7500	*8950	7400	9.07
3.0 m	kg					*23 200	20 400	*16 650	13 450	*13 500	9700	*11 700	7300	*9350	6900	9.33
1.5 m	kg					*21 600	19 150	*18 200	12 700	*14 350	9300	11 550	7100	*10 050	6750	9.34
Ground Line	kg					*24 500	18 750	*18 850	12 300	*14 750	9000	11 400	7000	11 250	6850	9.10
-1.5 m	kg			*16 850	*16 850	*24 400	18 700	*18 450	12 150	*14 450	8900			*12 050	7400	8.59
-3.0 m	kg			*27 800	*27 800	*21 800	18 900	*16 800	12 200	*12 800	9000			*12 050	8600	7.76
-4.5 m	kg					*17 250	*17 250	*13 050	12 600					*11 500	11 350	6.48

**Boom** – 6.55 m  
**Stick** – M3.0UB

**Counterweight** – 9.0 mt  
**Shoes** – 600 mm double 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									*11 550	10 650			*10 000	*10 000	7.67
6.0 m	kg									*13 000	10 500			*9700	8400	8.53
4.5 m	kg					*20 900	*20 900	*16 200	14 350	*13 850	10 150	*10 750	7500	*9800	7400	9.07
3.0 m	kg					*25 650	20 400	*18 450	13 450	*15 000	9700	11 800	7300	*10 250	6900	9.33
1.5 m	kg					*22 900	19 150	*20 200	12 700	15 300	9300	11 550	7100	10 950	6750	9.34
Ground Line	kg					*25 950	18 750	*20 900	12 300	14 950	9000	11 400	7000	11 250	6850	9.10
-1.5 m	kg			*17 850	*17 850	*27 100	18 700	*20 500	12 150	14 800	8900			12 150	7400	8.59
-3.0 m	kg			*29 400	*29 400	*24 300	18 900	*18 700	12 200	*14 300	9000			*13 450	8600	7.76
-4.5 m	kg					*19 300	*19 300	*14 600	12 600					*12 900	11 350	6.48

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-FIX) Mass Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.55 m**















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – M2.5UB**

**Shoes – 600 mm double grouser**

**Heavy Lift – Off**

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				
														m
7.5 m	kg											*11 950	11 550	7.10
6.0 m	kg							*13 900	*13 900	*12 500	10 450	*11 600	9300	8.03
4.5 m	kg					*20 600	*20 600	*15 600	14 200	*13 200	10 150	*11 750	8150	8.60
3.0 m	kg							*17 450	13 400	*14 050	9750	12 100	7550	8.87
1.5 m	kg							*18 750	12 800	*14 750	9350	11 900	7350	8.88
Ground Line	kg					*22 600	19 000	*19 050	12 450	*14 950	9150	12 300	7550	8.63
-1.5 m	kg			*17 000	*17 000	*23 650	19 050	*18 250	12 350	*14 250	9100	*12 800	8250	8.10
-3.0 m	kg			*25 100	*25 100	*20 600	19 350	*16 100	12 550			*12 650	9800	7.20
-4.5 m	kg					*15 150	*15 150					*11 500	*11 500	5.79

**Boom – 6.55 m**















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – M2.5UB**

**Shoes – 600 mm double grouser**

**Heavy Lift – On**

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				
														m
7.5 m	kg											*13 050	11 550	7.10
6.0 m	kg							*15 350	15 000	*13 850	10 450	*12 700	9300	8.03
4.5 m	kg					*22 750	21 950	*17 250	14 200	*14 600	10 150	*12 850	8150	8.60
3.0 m	kg							*19 300	13 400	*15 600	9750	12 100	7550	8.87
1.5 m	kg							*20 750	12 800	15 350	9350	11 900	7350	8.88
Ground Line	kg					*23 950	19 000	*21 150	12 450	15 100	9150	12 300	7550	8.63
-1.5 m	kg			*18 000	*18 000	*26 250	19 050	*20 300	12 350	15 050	9100	13 500	8250	8.10
-3.0 m	kg			*28 000	*28 000	*22 900	19 350	*17 900	12 550			*14 100	9800	7.20
-4.5 m	kg					*16 950	*16 950					*12 850	*12 850	5.79

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-VG) HD Reach Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R3.35TB**

**Shoes – 600 mm triple grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*8200	*8200	7.44
7.5 m	kg								*11 000	*11 000				*7750	*7750	8.57
6.0 m	kg								*11 550	*11 550	*10 300	8950	*7650	*7650	9.33	
4.5 m	kg					*19 550	*19 550	*14 900	*14 900	*12 600	11 600	*11 250	8800	*7800	7650	9.80
3.0 m	kg					*24 000	23 200	*17 050	15 300	*13 750	11 150	*11 850	8550	*8100	7250	10.02
1.5 m	kg					*17 500	*17 500	*18 700	14 650	*14 700	10 750	*12 350	8350	*8700	7150	10.01
Ground Line	kg					*20 350	*20 350	*19 400	14 250	*15 250	10 500	12 250	8150	*9700	7300	9.76
-1.5 m	kg			*14 900	*14 900	*25 200	21 700	*19 150	14 100	*15 100	10 350	*12 100	8100	*11 250	7850	9.27
-3.0 m	kg			*23 450	*23 450	*22 950	21 900	*17 800	14 150	*13 950	10 400			*11 700	8850	8.47
-4.5 m	kg			*24 350	*24 350	*19 100	*19 100	*14 900	14 400					*11 450	11 050	7.29

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R3.35TB**

**Shoes – 600 mm triple grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9000	*9000	7.44
7.5 m	kg								*12 150	*12 150				*8500	*8500	8.57
6.0 m	kg								*12 800	11 950	*11 250	8950	*8400	*8400	9.33	
4.5 m	kg					*21 500	*21 500	*16 450	16 150	*13 900	11 600	*12 500	8800	*8500	7650	9.80
3.0 m	kg					*26 500	23 200	*18 850	15 300	*15 200	11 150	12 650	8550	*8900	7250	10.02
1.5 m	kg					*18 550	*18 550	*20 700	14 650	16 300	10 750	12 450	8350	*9550	7150	10.01
Ground Line	kg					*21 550	*21 550	*21 500	14 250	16 000	10 500	12 250	8150	*10 600	7300	9.76
-1.5 m	kg			*15 800	*15 800	*27 900	21 700	*21 200	14 100	15 850	10 350	12 200	8100	11 750	7850	9.27
-3.0 m	kg			*24 850	*24 850	*25 450	21 900	*19 750	14 150	*15 500	10 400			*13 000	8850	8.47
-4.5 m	kg			*27 100	*27 100	*21 250	*21 250	*16 600	14 400					*12 750	11 050	7.29

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-VG) HD Reach Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R2.9TB**

**Shoes – 600 mm triple grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9800	*9800	6.87
7.5 m	kg								*11 700	*11 700				*9200	*9200	8.09
6.0 m	kg						*13 700	*13 700	*12 150	11 850				*9050	9000	8.89
4.5 m	kg					*21 050	*21 050	*15 650	*15 650	*13 100	11 450	*11 700	8700	*9200	8150	9.38
3.0 m	kg					*16 600	*16 600	*17 700	15 150	*14 150	11 050	*12 150	8500	*9650	7700	9.60
1.5 m	kg					*13 200	*13 200	*19 100	14 550	*15 000	10 700	12 400	8300	*10 400	7600	9.59
Ground Line	kg					*19 150	*19 150	*19 500	14 200	*15 300	10 450	12 300	8200	11 650	7800	9.34
-1.5 m	kg			*15 250	*15 250	*24 400	21 800	*18 900	14 150	*14 900	10 400			*12 100	8400	8.82
-3.0 m	kg			*26 150	*26 150	*21 800	*21 800	*17 150	14 250	*13 350	10 500			*12 100	9700	7.98
-4.5 m	kg					*17 400	*17 400	*13 600	*13 600					*11 550	*11 550	6.70

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R2.9TB**

**Shoes – 600 mm triple grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*10 700	*10 700	6.87
7.5 m	kg								*12 900	12 050				*10 050	*10 050	8.09
6.0 m	kg						*15 100	*15 100	*13 450	11 850				*9900	9000	8.89
4.5 m	kg					*23 200	*23 200	*17 300	15 950	*14 500	11 450	12 850	8700	*10 050	8150	9.38
3.0 m	kg					*17 600	*17 600	*19 550	15 150	*15 650	11 050	12 600	8500	*10 550	7700	9.60
1.5 m	kg					*14 000	*14 000	*21 100	14 550	16 200	10 700	12 400	8300	11 300	7600	9.59
Ground Line	kg					*20 300	*20 300	*21 550	14 200	15 950	10 450	12 300	8200	11 650	7800	9.34
-1.5 m	kg			*16 200	*16 200	*27 050	21 800	*20 900	14 150	15 850	10 400			12 650	8400	8.82
-3.0 m	kg			*27 700	*27 700	*24 150	22 050	*19 050	14 250	*14 850	10 500			*13 450	9700	7.98
-4.5 m	kg					*19 350	*19 350	*15 100	14 600					*12 850	12 550	6.70

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-VG) HD Reach Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R3.35TB**

**Shoes – 750 mm triple grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*8200	*8200	7.44
7.5 m	kg								*11 000	*11 000				*7750	*7750	8.57
6.0 m	kg								*11 550	*11 550	*10 300	9050		*7650	*7650	9.33
4.5 m	kg					*19 550	*19 550	*14 900	*14 900	*12 600	11 750	*11 250	8900	*7800	7750	9.80
3.0 m	kg					*24 000	23 500	*17 050	15 500	*13 750	11 300	*11 850	8650	*8100	7350	10.02
1.5 m	kg					*17 500	*17 500	*18 700	14 850	*14 700	10 900	*12 350	8450	*8700	7250	10.01
Ground Line	kg					*20 350	*20 350	*19 400	14 450	*15 250	10 650	12 450	8300	*9700	7450	9.76
-1.5 m	kg			*14 900	*14 900	*25 200	22 000	*19 150	14 300	*15 100	10 500	*12 100	8250	*11 250	7950	9.27
-3.0 m	kg			*23 450	*23 450	*22 950	22 200	*17 800	14 350	*13 950	10 550			*11 700	9000	8.47
-4.5 m	kg			*24 350	*24 350	*19 100	*19 100	*14 900	14 600					*11 450	11 250	7.29

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R3.35TB**

**Shoes – 750 mm triple grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9000	*9000	7.44
7.5 m	kg								*12 150	*12 150				*8500	*8500	8.57
6.0 m	kg								*12 800	12 100	*11 250	9050		*8400	*8400	9.33
4.5 m	kg					*21 500	*21 500	*16 450	16 350	*13 900	11 750	*12 500	8900	*8500	7750	9.80
3.0 m	kg					*26 500	23 500	*18 850	15 500	*15 200	11 300	12 850	8650	*8900	7350	10.02
1.5 m	kg					*18 550	*18 550	*20 700	14 850	*16 300	10 900	12 600	8450	*9550	7250	10.01
Ground Line	kg					*21 550	*21 550	*21 500	14 450	16 200	10 650	12 450	8300	*10 600	7450	9.76
-1.5 m	kg			*15 800	*15 800	*27 900	22 000	*21 200	14 300	16 050	10 500	12 400	8250	11 900	7950	9.27
-3.0 m	kg			*24 850	*24 850	*25 450	22 200	*19 750	14 350	*15 500	10 550			*13 000	9000	8.47
-4.5 m	kg			*27 100	*27 100	*21 250	*21 250	*16 600	14 600					*12 750	11 250	7.29

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-VG) HD Reach Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R2.9TB**

**Shoes – 750 mm triple grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9800	*9800	6.87
7.5 m	kg								*11 700	*11 700				*9200	*9200	8.09
6.0 m	kg							*13 700	*13 700	*12 150	12 000			*9050	*9050	8.89
4.5 m	kg					*21 050	*21 050	*15 650	*15 650	*13 100	11 600	*11 700	8800	*9200	8250	9.38
3.0 m	kg					*16 600	*16 600	*17 700	15 350	*14 150	11 200	*12 150	8600	*9650	7800	9.60
1.5 m	kg					*13 200	*13 200	*19 100	14 750	*15 000	10 850	*12 500	8450	*10 400	7700	9.59
Ground Line	kg					*19 150	*19 150	*19 500	14 400	*15 300	10 600	12 450	8300	*11 650	7900	9.34
-1.5 m	kg			*15 250	*15 250	*24 400	22 100	*18 900	14 350	*14 900	10 550			*12 100	8550	8.82
-3.0 m	kg			*26 150	*26 150	*21 800	*21 800	*17 150	14 450	*13 350	10 650			*12 100	9850	7.98
-4.5 m	kg					*17 400	*17 400	*13 600	*13 600					*11 550	*11 550	6.70

**Boom – 6.9 m**

















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – R2.9TB**

**Shoes – 750 mm triple grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*10 700	*10 700	6.87
7.5 m	kg									*12 900	12 200			*10 050	*10 050	8.09
6.0 m	kg							*15 100	*15 100	*13 450	12 000			*9900	9150	8.89
4.5 m	kg					*23 200	*23 200	*17 300	16 150	*14 500	11 600	*12 950	8800	*10 050	8250	9.38
3.0 m	kg					*17 600	*17 600	*19 550	15 350	*15 650	11 200	12 800	8600	*10 550	7800	9.60
1.5 m	kg					*14 000	*14 000	*21 100	14 750	16 450	10 850	12 600	8450	*11 400	7700	9.59
Ground Line	kg					*20 300	*20 300	*21 550	14 400	16 200	10 600	12 450	8300	11 850	7900	9.34
-1.5 m	kg			*16 200	*16 200	*27 050	22 100	*20 900	14 350	16 100	10 550			12 800	8550	8.82
-3.0 m	kg			*27 700	*27 700	*24 150	22 350	*19 050	14 450	*14 850	10 650			*13 450	9850	7.98
-4.5 m	kg					*19 350	*19 350	*15 100	14 800					*12 850	12 750	6.70

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-VG) HD Mass Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

Boom – 6.55 m

















Counterweight – 9.0 mt

Bucket – None

Stick – M3.0UB

Shoes – 600 mm double grouser

Heavy Lift – Off

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*9800	*9800	6.49
7.5 m	kg								*11 200	*11 200				*9050	*9050	7.77
6.0 m	kg								*11 750	11 550				*8850	*8850	8.60
4.5 m	kg					*19 350	*19 350	*14 850	*14 850	*12 600	11 200	*10 300	8350	*8950	8200	9.10
3.0 m	kg					*23 550	22 700	*16 800	14 900	*13 600	10 750	*11 750	8150	*9400	7650	9.34
1.5 m	kg					*21 450	*21 450	*18 300	14 200	*14 400	10 350	*12 050	7950	*10 150	7550	9.33
Ground Line	kg					*25 150	21 150	*18 850	13 750	*14 750	10 050	11 900	7800	*11 450	7750	9.06
-1.5 m	kg			*17 800	*17 800	*24 200	21 150	*18 350	13 650	*14 350	9950			*12 050	8400	8.53
-3.0 m	kg			*27 900	*27 900	*21 450	21 350	*16 550	13 750	*12 500	10 100			*12 050	9850	7.66
-4.5 m	kg					*16 650	*16 650	*12 450	*12 450					*11 400	*11 400	6.32

Boom – 6.55 m

















Counterweight – 9.0 mt

Bucket – None

Stick – M3.0UB

Shoes – 600 mm double grouser

Heavy Lift – On

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m	
																
9.0 m	kg													*10 700	*10 700	6.49
7.5 m	kg									*12 250	11 750			*9900	*9900	7.77
6.0 m	kg									*13 050	11 550			*9700	9150	8.60
4.5 m	kg					*21 350	*21 350	*16 400	15 800	*13 950	11 200	*11 300	8350	*9850	8200	9.10
3.0 m	kg					*26 050	22 700	*18 650	14 900	*15 100	10 750	12 300	8150	*10 300	7650	9.34
1.5 m	kg					*22 700	21 550	*20 300	14 200	15 900	10 350	12 050	7950	*11 150	7550	9.33
Ground Line	kg					*26 650	21 150	*20 900	13 750	15 600	10 050	11 900	7800	11 800	7750	9.06
-1.5 m	kg			*18 900	*18 900	*26 900	21 150	*20 400	13 650	15 500	9950			12 850	8400	8.53
-3.0 m	kg			*30 700	*30 700	*23 900	21 350	*18 450	13 750	*13 950	10 100			*13 450	9850	7.66
-4.5 m	kg					*18 600	*18 600	*13 950	*13 950					*12 750	*12 750	6.32

\*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.

# 349E L Hydraulic Excavator

## 349E L (LC-VG) HD Mass Boom Lift Capacities – EAME



Load Point Height



Load at Maximum Reach



Load Radius Over Front



Load Radius Over Side

**Boom – 6.55 m**















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – M2.5UB**

**Shoes – 600 mm double grouser**

**Heavy Lift – Off**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m	
														
7.5 m	kg											*11 900	*11 900	7.21
6.0 m	kg						*14 000	*14 000	*12 550	11 500		*11 600	10 100	8.10
4.5 m	kg					*21 050	*21 050	*15 750	15 650	*13 250	11 150	*11 800	8900	8.64
3.0 m	kg							*17 600	14 800	*14 150	10 750	*12 350	8350	8.89
1.5 m	kg							*18 800	14 200	*14 800	10 400	12 400	8200	8.87
Ground Line	kg					*23 700	21 350	*19 000	13 900	*14 900	10 200	*12 650	8450	8.59
-1.5 m	kg			*18 450	*18 450	*23 400	21 450	*18 100	13 850	*14 100	10 150	*12 800	9300	8.03
-3.0 m	kg			*24 600	*24 600	*20 200	*20 200	*15 750	14 000			*12 600	11 150	7.09
-4.5 m	kg											*12 400	*12 400	5.26

**Boom – 6.55 m**















**Counterweight – 9.0 mt**

**Bucket – None**

**Stick – M2.5UB**

**Shoes – 600 mm double grouser**

**Heavy Lift – On**

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m				m	
														
7.5 m	kg											*13 000	12 400	7.21
6.0 m	kg							*15 500	*15 500	*13 900	11 500	*12 700	10 100	8.10
4.5 m	kg					*23 250	*23 250	*17 450	15 650	*14 700	11 150	*12 900	8900	8.64
3.0 m	kg							*19 500	14 800	*15 700	10 750	12 550	8350	8.89
1.5 m	kg							*20 850	14 200	15 950	10 400	12 400	8200	8.87
Ground Line	kg					*25 100	21 350	*21 100	13 900	15 700	10 200	12 900	8450	8.59
-1.5 m	kg			*19 550	*19 550	*26 000	21 450	*20 150	13 850	15 650	10 150	*14 250	9300	8.03
-3.0 m	kg			*27 450	*27 450	*22 450	21 750	*17 550	14 000			*14 050	11 150	7.09
-4.5 m	kg											*13 900	*13 900	5.26

\*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.

# 349E L Hydraulic Excavator

## 349E L (FIX) Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom (HD)		Mass Boom	
		mm	m <sup>3</sup>	kg	%	R3.35 HD	R2.9 HD	M3.0	M2.5
<b>Without Quick Coupler</b>									
General Duty (GD)	TB	1370	1.87	1755	100%	●	●		
	UB	1450	2.39	2324	100%			●	●
	UB	1550	2.61	2418	100%			⊙	●
	UB	2000	3.60	2900	100%			○	○
Heavy Duty (HD)	TB	1350	1.87	1974	100%	●	●		
	TB	1500	2.41	2065	100%	⊙	●		
	TB	1650	2.41	2210	100%	⊙	●		
	TB	1800	2.69	2423	100%	⊖	⊙		
	TB	1850	2.78	2420	100%	⊖	⊙		
	UB	1650	2.77	2581	100%			⊖	⊙
	UB	1850	3.19	2741	100%			○	⊖
	UB	1950	3.43	2898	100%			○	⊖
Severe Duty (SD)	TB	1400	1.87	2180	90%	●	●		
	TB	1550	2.14	2340	90%	●	●		
	TB	1700	2.41	2513	90%	⊙	●		
	TB	1850	2.69	2726	90%	⊖	⊙		
	TB	1900	2.78	2716	90%	⊖	⊙		
	UB	1450	2.39	2540	90%			●	●
	UB	1550	2.61	2648	90%			⊙	●
	UB	1650	2.77	2729	90%			⊙	●
	UB	1850	3.21	2987	90%			○	⊖
	UB	1950	3.43	3058	90%			○	⊖
Extreme Duty (XD)	UB	1550	2.61	3091	90%			⊖	●
	UB	1650	2.77	3192	90%			⊖	⊙
Maximum load pin-on (payload + bucket)					kg	6710	7200	7090	7880
<b>With Quick Coupler (CW55)</b>									
Heavy Duty (HD)	TB	1650	2.41	2196	100%	⊖	⊙		
	UB	1650	2.77	2479	100%			○	⊖
	UB	1850	3.19	2663	100%			◇	○
Severe Duty (SD)	UB	1550	2.61	2570	90%			⊖	⊙
	UB	1650	2.77	2655	90%			⊖	⊙
Extreme Duty (XD)	UB	1550	2.61	3087	90%			○	⊖
Maximum load with coupler (payload + bucket)					kg	5950	6440	6250	7040

### Maximum Material Density:

- 2100 kg/m<sup>3</sup>
- ⊙ 1800 kg/m<sup>3</sup>
- ⊖ 1500 kg/m<sup>3</sup>
- 1200 kg/m<sup>3</sup>
- ◇ 900 kg/m<sup>3</sup>

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.

# 349E L Hydraulic Excavator

## 349E L (VG) Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	Reach Boom (HD)		Mass Boom	
		mm	m <sup>3</sup>	kg	%	R3.35 HD	R2.9 HD	M3.0	M2.5
<b>Without Quick Coupler</b>									
General Duty (GD)	TB	1370	1.87	1755	100%	●	●		
	UB	1450	2.39	2324	100%			●	●
	UB	1550	2.61	2418	100%			●	●
	UB	2000	3.60	2900	100%			○	⊖
Heavy Duty (HD)	TB	1350	1.87	1974	100%	●	●		
	TB	1500	2.41	2065	100%	●	●		
	TB	1650	2.41	2210	100%	●	●		
	TB	1800	2.69	2423	100%	⊙	●		
	TB	1850	2.78	2420	100%	⊙	●		
	UB	1650	2.77	2581	100%			⊙	●
	UB	1850	3.19	2741	100%			⊖	⊙
	UB	1950	3.43	2898	100%			⊖	⊙
Severe Duty (SD)	TB	1400	1.87	2180	90%	●	●		
	TB	1550	2.14	2340	90%	●	●		
	TB	1700	2.41	2513	90%	●	●		
	TB	1850	2.69	2726	90%	●	●		
	TB	1900	2.78	2716	90%	⊙	●		
	UB	1450	2.39	2540	90%			●	●
	UB	1550	2.61	2648	90%			●	●
	UB	1650	2.77	2729	90%			●	●
	UB	1850	3.21	2987	90%			⊙	●
	UB	1950	3.43	3058	90%			⊖	⊙
Extreme Duty (XD)	UB	1550	2.61	3091	90%			●	●
	UB	1650	2.77	3192	90%			⊙	●
Maximum load pin-on (payload + bucket)					kg	7625	8250	7960	8810
<b>With Quick Coupler (CW55)</b>									
Heavy Duty (HD)	TB	1650	2.41	2196	100%	⊙	●		
	UB	1650	2.77	2479	100%			⊖	⊙
	UB	1850	3.19	2663	100%			○	⊖
Severe Duty (SD)	UB	1550	2.61	2570	90%			⊙	●
	UB	1650	2.77	2655	90%			⊙	●
Extreme Duty (XD)	UB	1550	2.61	3087	90%			⊙	●
Maximum load with coupler (payload + bucket)					kg	6865	7490	7120	7970

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.

### Maximum Material Density:

- 2100 kg/m<sup>3</sup>
- ⊙ 1800 kg/m<sup>3</sup>
- ⊖ 1500 kg/m<sup>3</sup>
- 1200 kg/m<sup>3</sup>

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