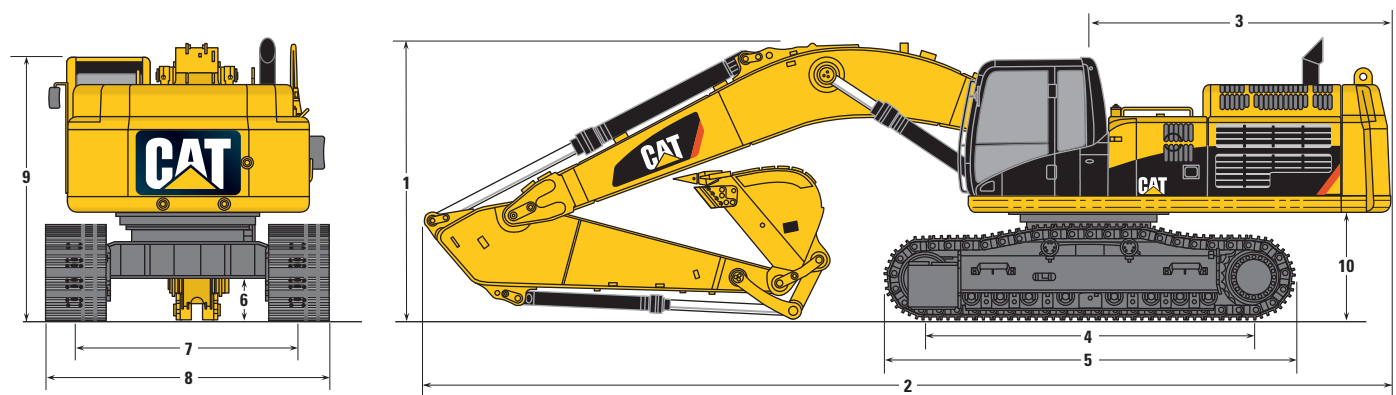


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Dimensions

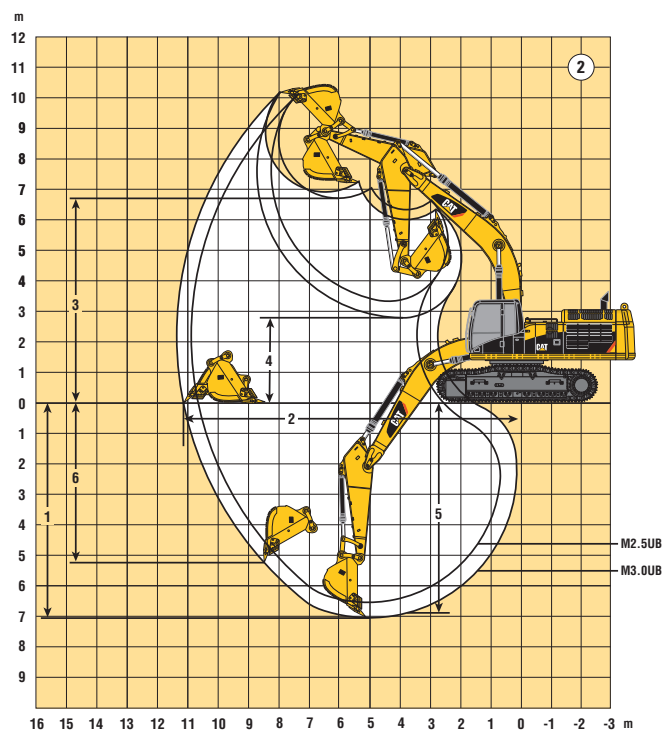
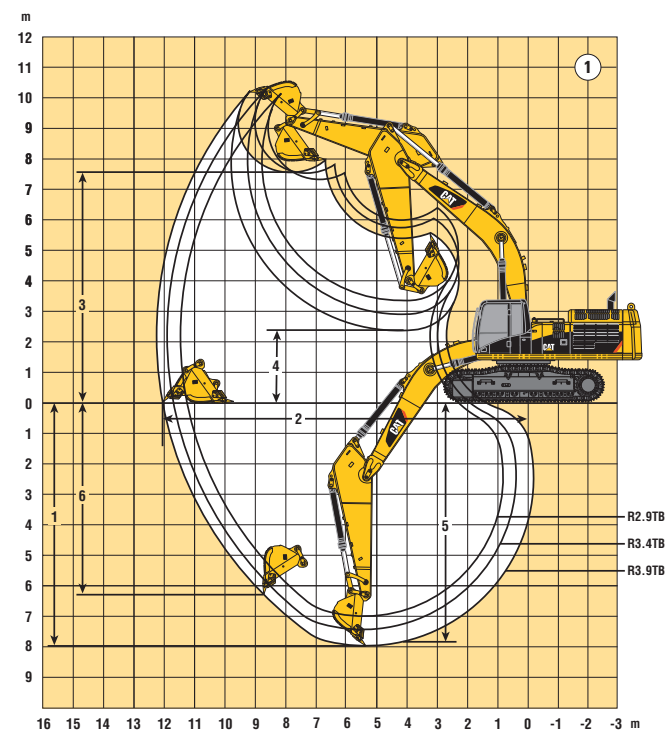
All dimensions are approximate.



Heavy Duty (HD) Reach Boom				Mass Excavation (ME) Boom	
Boom	6900 mm			6550 mm	
Stick	2900 mm	3350 mm	3900 mm	2500 mm	3000 mm
1 Shipping Height					
Fixed Gauge Undercarriage	3670 mm	3550 mm	3700 mm	3970 mm	3990 mm
Variable Gauge Undercarriage	3730 mm	3520 mm	3540 mm	3990 mm	4010 mm
2 Shipping Length					
Fixed Gauge Undercarriage	11 880 mm	11 840 mm	11 890 mm	11 640 mm	11 550 mm
Variable Gauge Undercarriage	11 850 mm	11 520 mm	11 780 mm	11 600 mm	11 520 mm
Undercarriage					
		Fixed Gauge		Variable Gauge	
3 Tail Swing Radius		3770 mm		3770 mm	
4 Length to Center of Rollers					
349D		4030 mm		N/A	
349D L		4340 mm		4340 mm	
5 Track Length					
349D		5040 mm		N/A	
349D L		5370 mm		5330 mm	
6 Ground Clearance		510 mm		760 mm	
7 Track Gauge		2740 mm		2390/2890 mm	
8 Track Width					
600 mm Shoes		3340 mm		2990/3490 mm	
750 mm Shoes		3490 mm		3140/3640 mm	
900 mm Shoes		3640 mm		3290/3790 mm	
9 Cab Height		3210 mm		3360 mm	
10 Counterweight Clearance		1320 mm		1470 mm	

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Working Ranges

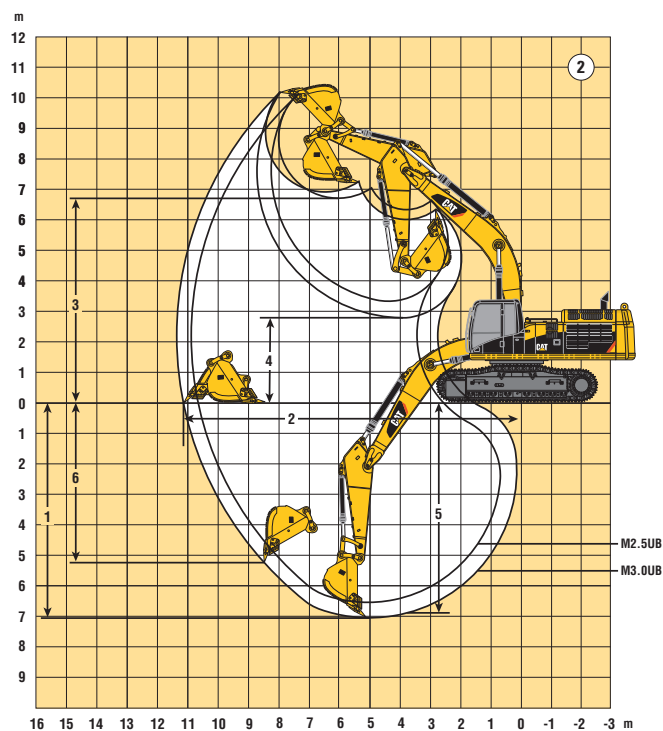
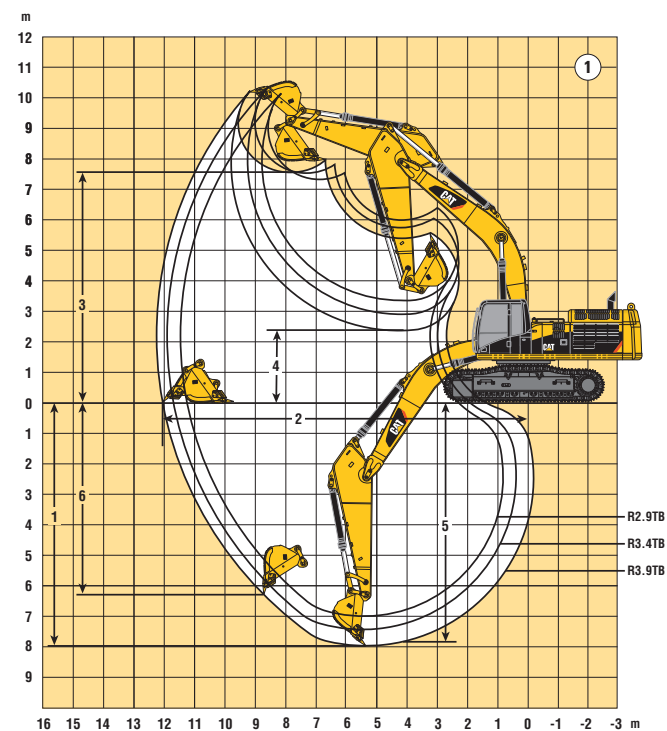


Fixed Gauge Undercarriage

	1			2	
	Heavy Duty (HD) Reach Boom 6900 mm			Mass Excavation (ME) Boom 6550 mm	
Stick Length	R2.9TB	R3.4TB	R3.9TB	M2.5UB	M3.0UB
1 Maximum Digging Depth	7150 mm	7600 mm	8150 mm	6720 mm	7220 mm
2 Maximum Reach at Ground Level	11 240 mm	11 660 mm	12 080 mm	10 710 mm	11 180 mm
3 Maximum Loading Height	7290 mm	7470 mm	7450 mm	6620 mm	6810 mm
4 Minimum Loading Height	3250 mm	2800 mm	2250 mm	3160 mm	2660 mm
5 Maximum Digging Depth 2440 mm Level Bottom	6990 mm	7460 mm	8020 mm	6550 mm	7070 mm
6 Maximum Vertical Wall Digging Depth	5870 mm	6300 mm	6460 mm	4920 mm	5380 mm
Bucket Capacity	2.1 m ³	1.9 m ³	1.6 m ³	2.4 m ³	2.2 m ³
Bucket Digging Force (ISO)	266 kN	266 kN	265 kN	297 kN	297 kN
Stick Digging Force (ISO)	222 kN	202 kN	185 kN	240 kN	211 kN

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Working Ranges



Variable Gauge Undercarriage

	①			②	
	Heavy Duty (HD) Reach Boom 6900 mm			Mass Excavation (ME) Boom 6550 mm	
Stick Length	R2.9TB	R3.4TB	R3.9TB	M2.5UB	M3.0UB
1 Maximum Digging Depth	7050 mm	7500 mm	8010 mm	6570 mm	7070 mm
2 Maximum Reach at Ground Level	11 260 mm	11 680 mm	12 050 mm	10 680 mm	11 150 mm
3 Maximum Loading Height	7400 mm	7570 mm	7600 mm	6770 mm	6960 mm
4 Minimum Loading Height	3360 mm	2910 mm	2400 mm	3300 mm	2800 mm
5 Maximum Digging Depth 2440 mm Level Bottom	6890 mm	7350 mm	7870 mm	6400 mm	6920 mm
6 Maximum Vertical Wall Digging Depth	5880 mm	6310 mm	6320 mm	4780 mm	5290 mm
Bucket Capacity	2.1 m ³	2.1 m ³	1.9 m ³	2.6 m ³	2.4 m ³
Bucket Digging Force (ISO)	263 kN	263 kN	265 kN	297 kN	295 kN
Stick Digging Force (ISO)	221 kN	201 kN	185 kN	240 kN	211 kN

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Bucket Specifications

This machine can be equipped with a large variety of boom-stick-bucket combinations in order to meet the needs of various applications. A stick is designed to match only one specific family of buckets. All bucket matching is calculated with 1800 kg/m³.

Standard Undercarriage, Fixed Gauge	Linkage	Width	Weight*	Capacity (ISO)	Reach Boom 6900 mm			ME Boom 6550 mm	
		mm	kg	m³	R2.9TB	R3.4TB	R3.9TB	M2.5UB	M3.0UB
Excavation (X)	TB	1525	1724	1.9				×	×
	TB	1630	1706	2.0			×	×	×
	TB	1760	1774	2.2		×	×	×	×
Extreme Excavation (EX)	TB	1604	2120	1.9				×	×
	TB	1664	2164	2.0			×	×	×
	TB	1724	2220	2.1		×	×	×	×
Mass Excavation (ME)	UB	1829	2226	2.6	×	×	×	×	×

Long Undercarriage, Fixed Gauge	Linkage	Width	Weight*	Capacity (ISO)	Reach Boom 6900 mm			ME Boom 6550 mm	
		mm	kg	m³	R2.9TB	R3.4TB	R3.9TB	M2.5UB	M3.0UB
Excavation (X)	TB	1525	1724	1.9				×	×
	TB	1630	1706	2.0			×	×	×
	TB	1760	1774	2.2		×	×	×	×
Extreme Excavation (EX)	TB	1604	2120	1.9				×	×
	TB	1664	2164	2.0			×	×	×
	TB	1724	2220	2.1		×	×	×	×
Mass Excavation (ME)	UB	1829	2226	2.6	×	×	×	×	×

Long Undercarriage, Variable Gauge	Linkage	Width	Weight*	Capacity (ISO)	Reach Boom 6900 mm			ME Boom 6550 mm	
		mm	kg	m³	R2.9TB	R3.4TB	R3.9TB	M2.5UB	M3.0UB
Excavation (X)	TB	1525	1724	1.9				×	×
	TB	1630	1706	2.0				×	×
	TB	1760	1774	2.2				×	×
Extreme Excavation (EX)	TB	1604	2120	1.9				×	×
	TB	1664	2164	2.0				×	×
	TB	1724	2220	2.1				×	×
Mass Excavation (ME)	UB	1829	2226	2.6	×	×	×		×

* Bucket weight including K Series™ Penetration Plus tips

Approved

×

Not compatible

349D/349D L Hydraulic Excavator

Machine and Major Component Weights

Actual weights and ground pressures will depend on final machine configuration.

		Heavy Duty (HD) Reach Boom 6900 mm						Mass Excavation (ME) Boom 6550 mm			
Stick Type		R2.9TB		R3.4TB		R3.9TB		M2.5UB		M3.0UB	
Stick Length	mm	2900		3350		3900		2500		3000	
Gauge		FG	VG	FG	VG	FG	VG	FG	VG	FG	VG
Bucket Weight	kg	1922	1922	1812	1812	1668	1829	2326	2398	2238	2326
Bucket Capacity	m³	2.2	2.2	2.0	2.0	1.6	1.9	2.4	2.6	2.2	2.4
Bucket Width/Type	mm	1758	1758	1628	1628	1325	1525	1729	1829	1600	1729
Operating Weight*											
349D with 600 mm Shoes	kg	44 924	N/A	44 856	N/A	45 837	N/A	45 378	N/A	46 067	N/A
349D with 750 mm Shoes	kg	45 663	N/A	45 595	N/A	45 576	N/A	46 117	N/A	46 806	N/A
349D L with 600 mm Shoes	kg	45 120	48 298	45 052	49 340	45 033	48 949	45 667	49 699	45 760	50 289
349D L with 750 mm Shoes	kg	45 871	50 082	45 803	50 124	45 784	49 733	46 418	50 483	46 511	51 073
349D L with 900 mm Shoes	kg	46 623	N/A	46 555	N/A	46 536	N/A	47 170	N/A	47 263	N/A
Counterweight	kg	8100	9000	8100	9000	8100	9000	8100	9000	8100	9000
Stick Weight (with bucket cylinder)	kg	1952	1952	1994	1994	2119	2119	2189	2189	2370	2370
Boom Weight (with stick cylinder)	kg	4594						4602			
Boom Cylinders (pair)	kg	804						804			
Upper structure**	kg	20 275						20 275			
Undercarriage											
349D with 600 mm Shoes	kg	14 843						14 843			
349D L with 600 mm Shoes	kg	15 039	17 794	15 039	17 794	15 039	17 794	15 039	17 794	15 039	17 794

FG Fixed Gauge, VG Variable Gauge, N/A Not Available

*With counterweight, operator and full fuel

**Without counterweight

349D/349D L Hydraulic Excavator

Reach (R) Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



Load at Maximum Reach

Boom – 6900 mm

Bucket – None

Undercarriage – Long – Variable Gauge

Stick – 2.9 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
9.0 m	kg													*9750	*9750	6.88
7.5 m	kg									*10 450	*10 450			*9150	*9150	8.09
6.0 m	kg							*12 350	*12 350	*10 850	*10 850			*9000	8700	8.89
4.5 m	kg					*18 850	*18 850	*14 000	*14 000	*11 650	11 100	*10 300	8400	*9150	7850	9.38
3.0 m	kg					*16 450	*16 450	*15 700	14 650	*12 500	10 650	*10 700	8200	*9600	7400	9.61
1.5 m	kg					*13 200	*13 200	*16 800	14 000	*13 150	10 300	*10 950	8000	*10 250	7300	9.59
Ground Line	kg					*19 200	*19 200	*17 050	13 650	*13 400	10 050	*10 900	7850	*10 400	7500	9.33
–1.5 m	kg			*15 350	*15 350	*21 150	21 000	*16 400	13 600	*12 950	10 000			*10 450	8100	8.81
–3.0 m	kg			*22 750	*22 750	*18 650	*18 650	*14 750	13 750	*11 450	10 100			*10 350	9350	7.97
–4.5 m	kg					*14 500	*14 500	*11 350	*11 350					*9600	*9600	6.69

Boom – 6900 mm

Bucket – None

Undercarriage – Long – Variable Gauge

Stick – 3.4 m

Shoes – 750 mm

		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	7.45
7.5 m	kg									*9900	*9900			*7750	*7750	8.58
6.0 m	kg									*10 400	*10 400	*9650	8700	*7600	*7600	9.34
4.5 m	kg					*17 650	*17 650	*13 400	*13 400	*11 250	*11 250	*10 000	8500	*7750	7400	9.80
3.0 m	kg					*21 450	*21 450	*15 250	14 900	*12 200	10 800	*10 450	8300	*8100	7000	10.02
1.5 m	kg					*17 450	*17 450	*16 600	14 200	*13 000	10 400	*10 850	8050	*8700	6900	10.00
Ground Line	kg					*20 350	*20 350	*17 100	13 800	*13 400	10 150	*10 950	7900	*9650	7050	9.76
–1.5 m	kg			*14 950	*14 950	*22 050	21 000	*16 750	13 650	*13 200	10 000	*10 550	7850	*10 050	7550	9.26
–3.0 m	kg			*23 550	*23 550	*19 850	*19 850	*15 450	13 700	*12 100	10 050			*10 050	8600	8.46
–4.5 m	kg			*20 300	*20 300	*16 200	*16 200	*12 700	*12 700					*9650	*9650	7.27

Boom – 6900 mm

Bucket – None

Undercarriage – Long – Variable Gauge

Stick – 3.9 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
9.0 m	kg													*7150	*7150	7.99
7.5 m	kg											*7200	*7200	*6850	*6850	9.06
6.0 m	kg									*9700	*9700	*9050	8800	*6800	*6800	9.77
4.5 m	kg							*12 450	*12 450	*10 600	*10 600	*9450	8550	*6950	6950	10.22
3.0 m	kg					*19 900	*19 900	*14 400	*14 400	*11 650	10 850	*10 000	8300	*7300	6550	10.43
1.5 m	kg					*22 450	21 550	*15 950	14 250	*12 550	10 400	*10 500	8000	*7850	6450	10.41
Ground Line	kg			*9150	*9150	*22 750	20 850	*16 800	13 700	*13 100	10 050	*10 800	7800	*8700	6550	10.18
–1.5 m	kg			*15 100	*15 100	*22 500	20 700	*16 750	13 450	*13 150	9850	*10 650	7700	*9600	6950	9.70
–3.0 m	kg			*21 900	*21 900	*20 750	*20 750	*15 850	13 450	*12 450	9850			*9750	7800	8.95
–4.5 m	kg			*23 300	*23 300	*17 700	*17 700	*13 700	13 650	*10 450	10 050			*9700	9500	7.83
–6.0 m	kg					*12 500	*12 500	*9250	*9250					*8850	*8850	6.16

*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 105467:2007. 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.

349D/349D L Hydraulic Excavator

Heavy Duty (HD) Reach Boom Lift Capacities



Boom – 6900 mm

Bucket – None

Undercarriage – Long – Fixed Gauge

Stick – 2.9 m

Shoes – 750 mm

		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									*10 450	*10 450			*9200	*9200	7.99
6.0 m	kg							*12 200	*12 200	*10 750	*10 750			*9000	8400	8.82
4.5 m	kg					*18 450	*18 450	*13 800	*13 800	*11 550	10 600	*10 250	7950	*9150	7500	9.34
3.0 m	kg					*18 100	*18 100	*15 550	13 850	*12 400	10 150	*10 650	7750	*9550	7050	9.59
1.5 m	kg					*12 900	*12 900	*16 750	13 200	*13 100	9750	*10 950	7550	*10 250	6900	9.60
Ground Line	kg					*18 350	*18 350	*17 050	12 850	*13 400	9500	*10 950	7450	*10 350	7050	9.37
–1.5 m	kg			*14 200	*14 200	*21 350	19 600	*16 500	12 750	*13 050	9400			*10 450	7550	8.88
–3.0 m	kg			*23 150	*23 150	*18 950	*18 950	*15 000	12 900	*11 700	9500			*10 350	8650	8.08
–4.5 m	kg					*15 050	*15 050	*11 850	*11 850					*9750	*9750	6.85

Boom – 6900 mm

Bucket – None

Undercarriage – Long – Fixed Gauge

Stick – 3.4 m

Shoes – 750 mm

		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									*9900	*9900			*7750	*7750	8.48
6.0 m	kg									*10 300	*10 300	*9650	8250	*7600	*7600	9.27
4.5 m	kg					*17 250	*17 250	*13 200	*13 200	*11 150	10 750	*9950	8100	*7700	7100	9.76
3.0 m	kg					*21 100	*21 100	*15 050	14 150	*12 100	10 300	*10 400	7850	*8050	6650	10.01
1.5 m	kg					*17 550	*17 550	*16 450	13 400	*12 950	9850	*10 850	7650	*8600	6550	10.02
Ground Line	kg					*19 800	19 650	*17 100	13 000	*13 400	9550	*11 000	7450	*9500	6650	9.79
–1.5 m	kg			*14 100	*14 100	*22 200	19 600	*16 850	12 800	*13 250	9450	*10 600	7400	*10 050	7100	9.32
–3.0 m	kg			*22 550	*22 550	*20 150	19 750	*15 600	12 850	*12 250	9450			*10 050	8000	8.56
–4.5 m	kg			*21 000	*21 000	*16 700	*16 700	*13 050	*13 050					*9750	*9750	7.42

Boom – 6900 mm

Bucket – None

Undercarriage – Long – Fixed Gauge

Stick – 3.9 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
9.0 m	kg													*7200	*7200	7.86
7.5 m	kg													*6900	*6900	8.96
6.0 m	kg									*9600	*9600	*9000	8350	*6800	*6800	9.71
4.5 m	kg							*12 250	*12 250	*10 500	*10 500	*9400	8150	*6950	6600	10.18
3.0 m	kg					*19 500	*19 500	*14 200	*14 200	*11 550	10 350	*9950	7850	*7250	6250	10.42
1.5 m	kg					*22 300	20 200	*15 800	13 450	*12 500	9850	*10 500	7600	*7800	6100	10.43
Ground Line	kg					*22 500	19 500	*16 750	12 900	*13 100	9500	*10 800	7400	*8600	6200	10.21
–1.5 m	kg			*14 450	*14 450	*22 600	19 300	*16 800	12 650	*13 200	9300	*10 700	7250	*9550	6500	9.76
–3.0 m	kg			*21 100	*21 100	*20 950	19 400	*16 000	12 600	*12 550	9250	*9800	7300	*9750	7250	9.04
–4.5 m	kg			*23 950	*23 950	*18 100	*18 100	*14 000	12 800	*10 750	9450			*9700	8750	7.97
–6.0 m	kg					*13 200	*13 200	*9950	*9950					*9050	*9050	6.37

*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 105467:2007. 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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349D/349D L Hydraulic Excavator

Heavy Duty (HD) Reach Boom Lift Capacities

	Load Point Height		Load Radius Over Front		Load Radius Over Side		Load at Maximum Reach
Boom – 6900 mm		Bucket – None		Undercarriage – Standard – Fixed Gauge			
Stick – 2.9 m		Shoes – 750 mm					

		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	6.73
7.5 m	kg									*10 450	*10 450			*9200	*9200	8.00
6.0 m	kg							*12 200	*12 200	*10 800	10 450			*9000	7950	8.83
4.5 m	kg					*18 450	*18 450	*13 850	*13 850	*11 550	10 050	*10 250	7550	*9150	7100	9.34
3.0 m	kg					*17 950	*17 950	*15 550	13 200	*12 400	9600	*10 650	7350	*9550	6650	9.59
1.5 m	kg					*12 900	*12 900	*16 750	12 550	*13 100	9250	10 550	7150	9600	6500	9.60
Ground Line	kg					*18 450	*18 450	*17 050	12 200	*13 400	9000	10 400	7000	9850	6650	9.37
–1.5 m	kg			*14 250	*14 250	*21 350	18 600	*16 500	12 100	*13 050	8900			*10 450	7150	8.87
–3.0 m	kg			*23 100	*23 100	*18 950	18 850	*14 950	12 200	*11 650	9000			*10 350	8200	8.07
–4.5 m	kg					*15 000	*15 000	*11 800	*11 800					*9750	*9750	6.84

Boom – 6900 mm		Bucket – None		Undercarriage – Standard – Fixed Gauge			
Stick – 3.4 m		Shoes – 750 mm					

		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	7.31
7.5 m	kg									*9900	*9900			*7750	*7750	8.49
6.0 m	kg									*10 300	*10 300	*9650	7850	*7600	7450	9.28
4.5 m	kg					*17 300	*17 300	*13 250	*13 250	*11 150	10 250	*9950	7700	*7700	6700	9.77
3.0 m	kg					*21 150	20 250	*15 050	13 450	*12 150	9750	*10 400	7450	*8050	6300	10.01
1.5 m	kg					*17 550	*17 550	*16 500	12 750	*12 950	9350	10 600	7200	*8600	6150	10.02
Ground Line	kg					*19 850	18 600	*17 100	12 300	*13 400	9050	10 450	7050	9250	6300	9.79
–1.5 m	kg			*14 150	*14 150	*22 200	18 600	*16 850	12 150	*13 250	8900	10 400	7000	9900	6700	9.32
–3.0 m	kg			*22 600	*22 600	*20 100	18 750	*15 600	12 200	*12 250	8950			*10 050	7550	8.56
–4.5 m	kg			*20 950	*20 950	*16 650	*16 650	*13 050	12 450					*9750	9400	7.41

Boom – 6900 mm		Bucket – None		Undercarriage – Standard – Fixed Gauge			
Stick – 3.9 m		Shoes – 750 mm					

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
9.0 m	kg													*7200	*7200	7.87
7.5 m	kg													*6900	*6900	8.97
6.0 m	kg									*9600	*9600	*9000	7950	*6800	*6800	9.72
4.5 m	kg							*12 300	*12 300	*10 500	10 300	*9400	7750	*6950	6250	10.19
3.0 m	kg					*19 550	*19 550	*14 200	13 600	*11 550	9800	*9950	7450	*7250	5900	10.42
1.5 m	kg					*22 300	19 200	*15 850	12 800	*12 500	9350	*10 500	7200	*7800	5750	10.43
Ground Line	kg					*22 500	18 500	*16 750	12 250	*13 100	9000	10 350	6950	*8600	5850	10.21
–1.5 m	kg			*14 500	*14 500	*22 600	18 300	*16 800	11 950	*13 200	8800	10 250	6850	9150	6150	9.76
–3.0 m	kg			*21 150	*21 150	*20 950	18 400	*15 950	11 950	*12 550	8750	*9800	6900	*9750	6850	9.03
–4.5 m	kg			*23 900	*23 900	*18 050	*18 050	*14 000	12 150	*10 750	8950			*9700	8300	7.96
–6.0 m	kg					*13 150	*13 150	*9900	*9900					*9000	*9000	6.36

*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 105467:2007. 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.

349D/349D L Hydraulic Excavator

Mass Excavation (ME) Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



Load at Maximum Reach

Boom – 6550 mm

Bucket – None

Undercarriage – Long – Variable Gauge

Stick – 2.5 m

Shoes – 750 mm

		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	*11 550	7.22
6.0 m	kg							*12 900	*12 900	*11 450	11 400			*11 200	10 000	8.11
4.5 m	kg					*19 250	*19 250	*14 400	*14 400	*12 050	11 050			*11 100	8850	8.64
3.0 m	kg							*15 950	14 600	*12 800	10 650			*11 100	8250	8.89
1.5 m	kg							*16 950	14 000	*13 350	10 300			*11 200	8150	8.87
Ground Line	kg					*22 500	21 050	*17 050	13 700	*13 350	10 050			*11 300	8400	8.59
–1.5 m	kg			*18 700	*18 700	*20 700	*20 700	*16 100	13 650	*12 550	10 050			*11 350	9250	8.02
–3.0 m	kg			*21 000	*21 000	*17 600	*17 600	*13 850	*13 850					*11 000	*11 000	7.08
–4.5 m	kg													*10 500	*10 500	5.23

Boom – 6550 mm

Bucket – None

Undercarriage – Long – Variable Gauge

Stick – 3.0 m

Shoes – 750 mm

		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	6.50
7.5 m	kg									*10 550	*10 550			*9150	*9150	7.78
6.0 m	kg									*10 750	*10 750			*8950	*8950	8.60
4.5 m	kg					*17 800	*17 800	*13 600	*13 600	*11 500	11 100	*10 300	8300	*9050	8150	9.11
3.0 m	kg					*21 400	*21 400	*15 300	14 700	*12 350	10 650	*10 600	8100	*9500	7650	9.34
1.5 m	kg					*21 550	21 250	*16 550	14 000	*13 000	10 250	*10 850	7900	*10 250	7500	9.33
Ground Line	kg					*22 950	20 900	*16 950	13 600	*13 250	10 000	*10 700	7750	*10 600	7700	9.06
–1.5 m	kg			*18 000	*18 000	*21 550	20 850	*16 350	13 500	*12 800	9900			*10 700	8350	8.52
–3.0 m	kg			*24 150	*24 150	*18 900	*18 900	*14 650	13 600	*11 000	10 050			*10 600	9800	7.65
–4.5 m	kg					*14 300	*14 300	*10 700	*10 700					*9800	*9800	6.30

Boom – 6550 mm

Bucket – None

Undercarriage – Long – Fixed Gauge

Stick – 2.5 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
7.5 m	kg													*11 600	*11 600	7.10
6.0 m	kg							*12 750	*12 750	*11 400	10 800			*11 200	9650	8.03
4.5 m	kg					*18 850	*18 850	*14 200	*14 200	*12 000	10 500			*11 100	8450	8.60
3.0 m	kg							*15 800	13 850	*12 700	10 100			*11 100	7850	8.87
1.5 m	kg							*16 900	13 200	*13 300	9750			*11 200	7700	8.88
Ground Line	kg					*22 650	19 600	*17 050	12 900	*13 400	9500			*11 300	7900	8.63
–1.5 m	kg			*17 100	*17 100	*20 950	19 700	*16 250	12 850	*12 700	9450			*11 350	8600	8.09
–3.0 m	kg			*21 550	*21 550	*18 000	*18 000	*14 150	13 000					*11 100	10 200	7.20
–4.5 m	kg					*12 900	*12 900							*9750	*9750	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 105467:2007. 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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349D/349D L Hydraulic Excavator

Mass Excavation (ME) Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



Load at Maximum Reach

Boom – 6550 mm

Bucket – None

Undercarriage – Long – Fixed Gauge

Stick – 3.0 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
7.5 m	kg									*10 600	*10 600			*9200	*9200	7.67
6.0 m	kg									*10 700	*10 700			*8950	8750	8.53
4.5 m	kg					*17 350	*17 350	*13 400	*13 400	*11 400	10 550	*9900	7850	*9050	7750	9.07
3.0 m	kg					*21 050	*21 050	*15 100	13 950	*12 250	10 100	*10 600	7650	*9450	7250	9.33
1.5 m	kg					*21 700	19 900	*16 450	13 250	*12 950	9700	*10 850	7450	*10 150	7050	9.34
Ground Line	kg					*23 000	19 500	*16 950	12 800	*13 250	9400	*10 750	7350	*10 600	7250	9.10
–1.5 m	kg			*16 950	*16 950	*21 750	19 450	*16 500	12 650	*12 900	9300			*10 700	7800	8.59
–3.0 m	kg			*24 700	*24 700	*19 250	*19 250	*14 900	12 750	*11 300	9400			*10 650	9050	7.76
–4.5 m	kg					*14 950	*14 950	*11 300	*11 300					*9950	*9950	6.47

Boom – 6550 mm

Bucket – None

Undercarriage – Standard – Fixed Gauge

Stick – 2.5 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
7.5 m	kg													*11 600	11 350	7.11
6.0 m	kg							*12 750	*12 750	*11 400	10 300			*11 200	9150	8.04
4.5 m	kg					*18 900	*18 900	*14 250	14 000	*12 000	10 000			*11 100	8000	8.60
3.0 m	kg							*15 800	13 150	*12 750	9550			10 950	7450	8.87
1.5 m	kg							*16 900	12 550	*13 300	9200			10 750	7250	8.88
Ground Line	kg					*22 650	18 600	*17 050	12 200	*13 400	9000			11 100	7450	8.63
–1.5 m	kg			*17 250	*17 250	*20 900	18 700	*16 250	12 150	*12 650	8950			*11 350	8150	8.09
–3.0 m	kg			*21 500	*21 500	*18 000	*18 000	*14 150	12 350					*11 100	9700	7.19
–4.5 m	kg					*12 850	*12 850							*9750	*9750	5.77

Boom – 6550 mm

Bucket – None

Undercarriage – Standard – Fixed Gauge

Stick – 3.0 m

Shoes – 750 mm

		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m				m
																
7.5 m	kg									*10 600	10 550			*9200	*9200	7.68
6.0 m	kg									*10 700	10 400			*8950	8300	8.54
4.5 m	kg					*17 400	*17 400	*13 400	*13 400	*11 400	10 050	*9950	7450	*9050	7350	9.07
3.0 m	kg					*21 100	20 100	*15 150	13 300	*12 250	9600	*10 600	7250	*9450	6850	9.33
1.5 m	kg					*21 700	18 900	*16 450	12 550	*12 950	9200	10 450	7050	9900	6700	9.34
Ground Line	kg					*23 000	18 450	*16 950	12 150	*13 250	8900	10 350	6950	10 150	6850	9.10
–1.5 m	kg			*17 050	*17 050	*21 700	18 450	*16 450	12 000	*12 900	8800			*10 700	7350	8.59
–3.0 m	kg			*24 650	*24 650	*19 200	18 650	*14 850	12 100	*11 300	8900			*10 650	8550	7.75
–4.5 m	kg					*14 900	14 900	*11 250	*11 250					*9950	*9950	6.46

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

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