313
Hydraulic Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

Table of Contents

Specifications . . . 2

- Engine . . . 2
- Swing Mechanism . . . 2
- Weights . . . 2
- Track . . . 2
- Drive . . . 2
- Air Conditioning System . . . 2
- Hydraulic System . . . 2
- Service Refill Capacities . . . 2
- Standards . . . 2
- Sound Performance . . . 2
- Operating Weights and Ground Pressures . . . 3
- Major Component Weights . . . 4
- Dimensions . . . 5
- Working Ranges and Forces . . . 7
- Blade Working Ranges . . . 9
- Reach Boom Lift Capacities . . . 10
- Variable Angle Boom Lift Capacities . . . 17
- Bucket Specifications and Compatibility:
  - Europe . . . 49
  - Australia and New Zealand . . . 52
- Attachments Offering Guide:
  - Europe . . . 53
  - Australia and New Zealand . . . 57

Standard and Optional Equipment . . . 58

Dealer Installed Kits and Attachments . . . 60

Cab Options . . . 61

313 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C3.6	
Net Power – ISO 9249:2007	81 kW	108 hp
Engine Power – ISO 14396:2002	82 kW	110 hp
Bore	98 mm	4 in
Stroke	120 mm	5 in
Displacement	3.6 L	220 in^3
Biodiesel Capability	Up to B20[1]	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- No engine power derating required below 3,000 m (9,840) altitude.
- Net power is tested per ISO 9249:2007. Standards in effect at the time of manufacture.
- Net power available at the flywheel when engine is equipped with fan, air cleaner, aftertreatment, and alternator with engine speed at 2,400 rpm.
- Engine speed at 2,400 rpm

[1]Cat engines are compatible with the following renewable, alternative, and bio-fuels* with lower greenhouse gas emission impact:

✓ Up to B20 biodiesel (FAME)**

✓ Up to 100% HVO and GTL renewable fuels

**Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.*

***For use of higher blends, consult your Cat dealer.*

Swing Mechanism

Swing Speed	11.5 rpm	
Maximum Swing Torque	35 kN·m	25,741 lbf-ft

Weights

Operating Weight	13 900 kg	30,600 lb

- Long undercarriage, Reach Boom + R3.0 (9'10") stick, GD 0.68 m^3 (0.89 yd^3) bucket, 700 mm (28") triple grouser shoes and 2.47 mt (5,445 lb) counterweight.

Operating Weight	13 300 kg	29,300 lb

- Long undercarriage, Reach boom, R2.5 (8'2") stick, GD 0.53 m^3 (0.69 yd^3) bucket, 500 mm (20") triple grouser shoes and 2.47 mt (5,445 lb) counterweight.

Track

Optional Track Shoes Width	500 mm	20 in
Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	770 mm	30 in
Number of Shoes (each side)	46	
Number of Track Rollers (each side)	7	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.4 km/h	3.4 mph
Maximum Drawbar Pull – Long Undercarriage	117 kN	26,303 lbf

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg of refrigerant, which has a CO_2 equivalent of 1.216 metric tonne.

Hydraulic System

Main System – Maximum Flow – Implement	247 L/min	65 gal/min
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	26 000 kPa	3,770 psi
Boom Cylinder – Bore	105 mm	4 in
Boom Cylinder – Stroke	1026 mm	40 in
Stick Cylinder – Bore	115 mm	5 in
Stick Cylinder – Stroke	1147 mm	45 in
Bucket Cylinder – Bore	95 mm	4 in
Bucket Cylinder – Stroke	939 mm	37 in

Service Refill Capacities

Fuel Tank Capacity	258 L	68.2 gal
Cooling System	15 L	4 gal
Engine Oil	8 L	2.1 gal
Final Drive (each)	3 L	0.8 gal
Hydraulic System (including tank)	85 L	22.5 gal
Hydraulic Tank	70 L	18.5 gal
DEF Tank	21 L	5.6 gal

Standards

Brakes	ISO 10265:2008
Cab/ROPS	ISO 12117-2:2008
Cab/FOGS	ISO 10262:1998

Sound Performance

ISO 6395:2008 (external)	100 dB(A)
ISO 6396:2008 (inside cab)	66 dB(A)

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

Operating Weights and Ground Pressures

Base Machine Configurations	500 mm (20") Triple Grouser Shoes		500 mm (20") TG Shoe with Rubber Pad		500 mm (20") Rubber Track Shoe	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Frame with Track Rollers and Carrier Roller						
2.47 mt (5,445 lb) Counterweight and Long Undercarriage Base Machine						
Reach Boom + R3.0 (9'10") Stick + 0.68 m^3 (0.89 yd^3) GD Bucket	13 400 (29,500)	40.0 (5.8)	13 900 (30,600)	41 (5.9)	13 500 (29,800)	40.3 (5.8)
Variable Angle Boom + R2.2 (7'3") Stick + 0.68 m^3 (0.89 yd^3) GD Bucket	14 100 (31,100)	42.0 (6.1)	14 600 (32,200)	43.5 (6.3)	14 200 (31,300)	42.3 (6.1)
Reach Boom + R3.0 (9'10") Stick + 0.53 m^3 (0.69 yd^3) GD Bucket**	13 300 (29,300)	39.7 (5.8)	13 800 (30,400)	41.2 (6.0)	13 500 (29,800)	40.3 (5.8)

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.
**Australia and New Zealand only

Base Machine Configurations	600 mm (24") Triple Grouser Shoes		600 mm (24") Rubber Track Shoe		700 mm (28") Triple Grouser Shoes		770 mm (30") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Frame with Track Rollers and Carrier Roller								
2.47 mt (5,445 lb) Counterweight and Long Undercarriage Base Machine								
Reach Boom + R3.0 (9'10") Stick + 0.68 m^3 (0.89 yd^3) GD Bucket	13 700 (30,200)	34.0 (4.9)	13 800 (30,400)	34.3 (5.0)	13 900 (30,600)	29.6 (4.3)	14 000 (30,900)	27.1 (4.7)
Variable Angle Boom + R2.2 (7'3") Stick + 0.68 m^3 (0.89 yd^3) GD Bucket	14 400 (31,700)	35.8 (5.2)	14 400 (31,700)	35.8 (5.2)	14 600 (32,200)	31.1 (4.5)	14 700 (32,400)	28.5 (4.7)
Reach Boom + R3.0 (9'10") Stick + 0.53 m^3 (0.69 yd^3) GD Bucket**	13 600 (30,000)	33.8 (4.9)	13 800 (30,400)	34.3 (5.0)	13 800 (30,400)	29.4 (4.3)	—	—

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.
**Australia and New Zealand only

Major Component Weights

	kg	lb
Base Machine Weight: including upper frame, undercarriage, counterweight, without boom, stick, bucket, boom cylinders, stick cylinder, bucket cylinders, tracks, blade, without 90% fuel tank, operator		
With Long Undercarriage	9150	20,200
With Long Undercarriage (blade compatible)	9450	20,800
With Long Undercarriage for use with Variable Angle Boom	9230	20,300
With Long Undercarriage (blade compatible) for use with Variable Angle Boom	9530	21,000
Track Shoes:		
500 mm (20") Triple Grouser Track Shoes	1540	3,390
500 mm (20") Triple Grouser Track Shoes with Rubber Pad	2050	4,520
500 mm (20") Rubber Track Shoe	1670	3,680
600 mm (24") Triple Grouser Track Shoes	1810	3,990
600 mm (24") Rubber Track Shoe	1970	4,300
700 mm (28") Triple Grouser Track Shoes with Additional Steps	2020	4,450
770 mm (30") Triple Grouser Track Shoes with Additional Steps	2160	4,760
Two Boom Cylinders	240	530
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	270	600
Blades (without lines, cylinders, frame modifications):		
2500 mm (8'2") Blade for use with 500 mm (20") Track Shoes	440	970
2600 mm (8'6") Blade for use with 600 mm (24") Track Shoes	490	1,080
2700 mm (8'10") Blade for use with 700 mm (28") and 770 mm (30") Track Shoes	500	1,100
Counterweight:		
2.47 mt (5,445 lb) Counterweight	2470	5,440
Swing Frame	1240	2,730
Undercarriage:		
Base Frame with Standard Track Rollers and Two Carrier Rollers	2690	5,930
Base Frame with Standard Track Rollers and Two Carrier Rollers (blade compatible)	2980	6,570
Booms (including lines, pins, stick cylinder):		
Reach Boom 4.65 m (15'3")	1030	2,270
Variable Angle Boom (2.4 m [7'8"] Stub + 2.44 [8'0"] Fore)	1590	3,500
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R2.2 (7'3")	620	1,370
Reach Stick R2.2 (7'3") for use with Variable Angle Boom	680	1,500
Reach Stick R2.5 (8'2")	590	1,300
Reach Stick R2.5 (8'2") for use with Variable Angle Boom	660	1,450
Reach Stick R3.0 (9'10")	650	1,430
Reach Stick R3.0 (9'10") for use with Variable Angle Boom	710	1,570
Buckets (without linkage,with tips and side cutters):		
0.53 m^3 (0.69 yd^3) GD Bucket*	420	930
0.53 m^3 (0.69 yd^3) GD Bucket**	460	1,010
0.68 m^3 (0.89 yd^3) GD Bucket	500	1,100
0.76 m^3 (0.99 yd^3) GD Bucket	520	1,150
Two Bucket Pins	20	40
Quick Coupler:		
Pin Grabber Quick Coupler	210	460

*Europe only
**Australia and New Zealand only

Dimensions

All dimensions are approximate and may vary depending on bucket selection.

Boom Option	Reach Boom 4.65 m (15'3")					
Stick Options	**Reach Stick**					
	R2.2 (7'3")		**R2.5 (8'2")**		**R3.0 (9'10")**	
1 Machine Height:*						
Top of Cab Height	2810 mm	9'3"	2810 mm	9'3"	2810 mm	9'3"
Top of FOGS Height	2950 mm	9'8"	2950 mm	9'8"	2950 mm	9'8"
Handrails Height	2810 mm	9'3"	2810 mm	9'3"	2810 mm	9'3"
With Boom/Stick/Bucket Installed (with stick cylinder lines)	2800 mm	9'2"	2890 mm	9'6"	3190 mm	10'6"
With Boom/Stick Installed (with stick cylinder lines)	2800 mm	9'2"	2890 mm	9'6"	3190 mm	10'6"
With Boom Installed (with stick cylinder lines)	2370 mm	7'9"	2370 mm	7'9"	2370 mm	7'9"
2 Machine Length (without blade):						
With Boom/Stick/Bucket Installed (with stick cylinder lines)	7680 mm	25'2"	7690 mm	25'3"	7780 mm	25'6"
With Boom/Stick Installed (with stick cylinder lines)	7680 mm	25'2"	7690 mm	25'3"	7780 mm	25'6"
With Boom Installed (with stick cylinder lines)	6890 mm	22'7"	6890 mm	22'7"	6890 mm	22'7"
Machine Length (with blade, blade rear):						
With Boom/Stick/Bucket Installed (with stick cylinder lines)	7960 mm	26'1"	7970 mm	26'2"	8050 mm	26'5"
With Boom/Stick Installed (with stick cylinder lines)	7960 mm	26'1"	7970 mm	26'2"	8050 mm	26'5"
With Boom Installed (with stick cylinder lines)	7100 mm	23'4"	7100 mm	23'4"	7100 mm	23'4"
3 Upperframe Width	2480 mm	8'2"	2480 mm	8'2"	2480 mm	8'2"
4 Tail Swing Radius – 2.47 mt (5,445 lb) Counterweight	2190 mm	7'2"	2190 mm	7'2"	2190 mm	7'2"
5 Counterweight Clearance	915 mm	3'0"	915 mm	3'0"	915 mm	3'0"
6 Ground Clearance	445 mm	1'6"	445 mm	1'6"	445 mm	1'6"
7 Length to Center of Rollers	3040 mm	10'0"	3040 mm	10'0"	3040 mm	10'0"
8 Overall Track Length	3750 mm	12'4"	3750 mm	12'4"	3750 mm	12'4"
9 Track Gauge	1990 mm	6'6"	1990 mm	6'6"	1990 mm	6'6"
10 Track Width/Undercarriage Width:						
500 mm (20") Shoes	2490 mm	8'2"	2490 mm	8'2"	2490 mm	8'2"
600 mm (24") Shoes	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
700 mm (28") Shoes (with steps)	2690 mm	8'10"	2690 mm	8'10"	2690 mm	8'10"
770 mm (30") Shoes (with steps)	2760 mm	9'1"	2760 mm	9'1"	2760 mm	9'1"
Bucket Type	GD		GD		GD	
Bucket Capacity**	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3
Bucket Tip Radius	1240 mm	4'1"	1240 mm	4'1"	1240 mm	4'1"

*For models with rubber track shoe or rubber pad add 40 mm (1.6") to machine height dimensions.

** 0.53 m^3 (0.65 yd^3) GD bucket for models sold in Australia and New Zealand.

313 Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate and may vary depending on bucket selection.

Boom Option	Variable Angle Boom 2.4 m/2.44 m (7'8"/8'0")					
Stick Options	**Reach Stick**					
	R2.2 (7'3")		**R2.5 (8'2")**		**R3.0 (9'10")**	
1 Machine Height:*						
Top of Cab Height	2810 mm	9'3"	2810 mm	9'3"	2810 mm	9'3"
Top of FOGS Height	2950 mm	9'8"	2950 mm	9'8"	2950 mm	9'8"
Handrails Height	2810 mm	9'3"	2810 mm	9'3"	2810 mm	9'3"
With Boom/Stick/Bucket Installed (with stick cylinder lines)	2780 mm	9'1"	2880 mm	9'5"	3170 mm	10'5"
With Boom/Stick Installed (with stick cylinder lines)	2780 mm	9'1"	2880 mm	9'5"	3170 mm	10'5"
With Boom Installed (with stick cylinder lines)	2200 mm	7'2"	2200 mm	7'2"	2200 mm	7'3"
2 Machine Length (without blade):						
With Boom/Stick/Bucket Installed (with stick cylinder lines)	7770 mm	25'6"	7750 mm	25'5"	7640 mm	25'1"
With Boom/Stick Installed (with stick cylinder lines)	7770 mm	25'6"	7750 mm	25'5"	7640 mm	25'1"
With Boom Installed (with stick cylinder lines)	6970 mm	22'10"	6970 mm	22'10"	6970 mm	22'10"
Machine Length (with blade, blade rear):						
With Boom/Stick/Bucket Installed (with stick cylinder lines)	8040 mm	26'5"	8030 mm	26'4"	7910 mm	25'11"
With Boom/Stick Installed (with stick cylinder lines)	8040 mm	26'5"	8030 mm	26'4"	7910 mm	25'11"
With Boom Installed (with stick cylinder lines)	7240 mm	23'9"	7240 mm	23'9"	7240 mm	23'9"
3 Upperframe Width	2480 mm	8'2"	2480 mm	8'2"	2480 mm	8'2"
4 Tail Swing Radius – 2.47 mt (5,445 lb) Counterweight	2190 mm	7'2"	2190 mm	7'2"	2190 mm	7'2"
5 Counterweight Clearance	915 mm	3'0"	915 mm	3'0"	915 mm	3'0"
6 Ground Clearance	445 mm	1'6"	445 mm	1'6"	445 mm	1'6"
7 Length to Center of Rollers	3040 mm	10'0"	3040 mm	10'0"	3040 mm	10'0"
8 Overall Track Length	3750 mm	12'4"	3750 mm	12'4"	3750 mm	12'4"
9 Track Gauge	1990 mm	6'6"	1990 mm	6'6"	1990 mm	6'6"
10 Track Width/Undercarriage Width:						
500 mm (20") Shoes	2490 mm	8'2"	2490 mm	8'2"	2490 mm	8'2"
600 mm (24") Shoes	2590 mm	8'6"	2590 mm	8'6"	2590 mm	8'6"
700 mm (28") Shoes (with steps)	2690 mm	8'10"	2690 mm	8'10"	2690 mm	8'10"
770 mm (30") Shoes (with steps)	2760 mm	9'1"	2760 mm	9'1"	2760 mm	9'1"
Bucket Type	GD		GD		GD	
Bucket Capacity	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3
Bucket Tip Radius	1240 mm	4'1"	1240 mm	4'1"	1240 mm	4'1"

*For models with rubber track shoe or rubber pad add 40 mm (1.6") to machine height dimensions.

Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.

Boom Option	Reach Boom 4.65 m (15'3")					
Stick Options	Reach Stick					
	R2.2 (7'3")		R2.5 (8'2")		R3.0 (9'10")	
1 Maximum Digging Depth	5240 mm	17'2"	5540 mm	18'2"	6040 mm	19'10"
2 Maximum Reach at Ground Line	7910 mm	25'11"	8190 mm	26'10"	8660 mm	28'5"
3 Maximum Cutting Height	8370 mm	27'6"	8560 mm	28'1"	8830 mm	29'0"
4 Maximum Loading Height	5960 mm	19'7"	6150 mm	20'2"	6420 mm	21'1"
5 Minimum Loading Height	2380 mm	7'10"	2080 mm	6'10"	1600 mm	5'3"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5010 mm	16'5"	5330 mm	17'6"	5860 mm	19'3"
7 Maximum Vertical Wall Digging Depth	4390 mm	14'5"	4760 mm	15'7"	5190 mm	17'0"
Minimum Working Equipment Radius	2460 mm	8'1"	2430 mm	8'0"	2570 mm	8'5"
Bucket Digging Force (ISO)	98.47 kN	22,140 lbf	98.45 kN	22,130 lbf	98.67 kN	22,180 lbf
Stick Digging Force (ISO)	72.85 kN	16,380 lbf	66.68 kN	14,990 lbf	59.29 kN	13,330 lbf
Bucket Type	GD		GD		GD	
Bucket Capacity*	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3
Bucket Tip Radius	1240 mm	4'1"	1240 mm	4'1"	1240 mm	4'1"

* 0.53 m^3 (0.65 yd^3) GD bucket for models sold in Australia and New Zealand.

313 Hydraulic Excavator Specifications

Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.

Boom Option	Variable Angle Boom 2.4 m/2.44 m (7'8"/8'0")					
Stick Options	**Reach Stick**					
	R2.2 (7'3")		**R2.5 (8'2")**		**R3.0 (9'10")**	
1 Maximum Digging Depth	4900 mm	16'1"	5200 mm	17'1"	5690 mm	18'8"
2 Maximum Reach at Ground Line	8050 mm	26'5"	8340 mm	27'4"	8820 mm	28'11"
3 Maximum Cutting Height	9440 mm	31'0"	9700 mm	31'10"	10 120 mm	33'2"
4 Maximum Loading Height	6960 mm	22'10"	7230 mm	23'9"	7650 mm	25'1"
5 Minimum Loading Height	3120 mm	10'3"	2860 mm	9'5"	2480 mm	8'2"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	4770 mm	15'8"	5080 mm	16'8"	5580 mm	18'4"
7 Maximum Vertical Wall Digging Depth	3940 mm	12'11"	4270 mm	14'0"	4730 mm	15'6"
Minimum Working Equipment Radius	1750 mm	5'9"	1900 mm	6'3"	2240 mm	7'4"
Bucket Digging Force (ISO)	98.47 kN	22,140 lbf	98.45 kN	22,130 lbf	98.67 kN	22,180 lbf
Stick Digging Force (ISO)	72.85 kN	16,380 lbf	66.68 kN	14,990 lbf	59.29 kN	16,380 lbf
Bucket Type	GD		GD		GD	
Bucket Capacity	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3	0.68 m^3	0.89 yd^3
Bucket Tip Radius	1240 mm	4'1"	1240 mm	4'1"	1240 mm	4'1"

Blade Working Ranges

All dimensions are approximate and may vary depending on bucket selection.

Blade Options	2500 mm (8'2")		2600 mm (8'6")		2700 mm (8'10")	
1 Blade Height	630 mm	2'1"	630 mm	2'1"	630 mm	2'1"
2 Maximum Lowering Depth from Ground	580 mm	1'11"	580 mm	1'11"	580 mm	1'11"
3 Maximum Raising Height above Ground	990 mm	3'3"	990 mm	3'3"	990 mm	3'3"
θ Approach Angle	26°		26°		26°	

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 **8,400**			*3050 ***6,750**	*3050 ***6,750**	5.07 **16'3"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	3850 **8,300**	*3300	2400	*2800 ***6,200**	2350 **5,200**	6.10 **19'10"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	6750 **14,550**	*4900 ***10,550**	3650 **7,850**	3650 **7,800**	2350 **5,050**	*2800 ***6,150**	2000 **4,400**	6.64 **21'8"**
1.5 m **5.0 ft**	kg **lb**					5500 **11,800**	3400 **7,300**	3550 **7,600**	2250 **4,850**	2950 **6,400**	1900 **4,100**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	5850 **12,500**	5300 **11,350**	3250 **6,950**	3450 **7,400**	2200 **4,700**	3000 **6,550**	1900 **4,200**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	5850 **12,500**	5250 **11,250**	3200 **6,850**	3450	2200	3350 **7,450**	2150 **4,700**	6.10 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	5950 **12,800**	*5250 ***11,200**	3250 **7,000**			*4400 ***9,650**	2800 **6,250**	5.06 **16'5"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 **8,550**			*3050 ***6,750**	*3050 ***6,750**	5.07 **16'3"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	3900 **8,400**	*3300	2450	*2800 ***6,200**	2400 **5,300**	6.10 **19'10"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	6900 **14,800**	*4900 ***10,550**	3700 **8,000**	3700 **7,950**	2400 **5,150**	*2800 ***6,150**	2050 **4,500**	6.64 **21'8"**
1.5 m **5.0 ft**	kg **lb**					5600 **12,000**	3450 **7,450**	3600 **7,750**	2300 **4,950**	*2950 ***6,500**	1900 **4,200**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	5950 **12,750**	5400 **11,600**	3300 **7,100**	3500 **7,550**	2250 **4,800**	3050 **6,700**	1950 **4,250**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	5950 **12,750**	5350 **11,450**	3250 **7,000**	3500	2200	3450 **7,600**	2200 **4,800**	6.10 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	6100 **13,050**	*5250 ***11,200**	3300 **7,150**			*4400 ***9,650**	2850 **6,350**	5.06 **16'5"**

ISO 10567:2007

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 **8,650**			*3050 ***6,750**	*3050 ***6,750**	5.07 **16'3"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	3950 **8,500**	*3300	2500	*2800 ***6,200**	2450 **5,400**	6.10 **19'10"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	6950 ***14,900**	*4900 ***10,550**	3750 **8,100**	3750 **8,100**	2450 **5,250**	*2800 ***6,150**	2100 **4,550**	6.64 **21'8"**
1.5 m **5.0 ft**	kg **lb**					5650 **12,150**	3500 **7,550**	3650 **7,850**	2350 **5,050**	*2950 ***6,500**	1950 **4,250**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6,050 ***14,050**	6,000 **12,900**	5,500 **11,750**	3,350 **7,200**	3,600 **7,700**	2,250 **4,850**	3,100 **6,800**	2,000 **4,350**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	6050 **12,950**	5450 **11,650**	3300 **7,100**	3550	2250	3500 **7,700**	2200 **4,850**	6.10 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	6150 **13,200**	*5250 ***11,200**	3350 **7,250**			*4400 ***9,650**	2900 **6,450**	5.06 **16'5"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 ***8,650**			*3050 ***6,750**	*3050 ***6,750**	5.07 **16'3"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	4000 **8,600**	*3300	2500	*2800 ***6,200**	2450 **5,450**	6.10 **19'10"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	*6950 ***14,900**	*4900 ***10,550**	3800 **8,150**	3800 **8,150**	2450 **5,300**	*2800 ***6,150**	2100 **4,600**	6.64 **21'8"**
1.5 m **5.0 ft**	kg **lb**					5750 **12,300**	3550 **7,650**	3700 **7,950**	2350 **5,100**	*2950 ***6,500**	1950 **4,300**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	*6050 **13,050**	5550 **11,900**	3400 **7,300**	3600 **7,750**	2300 **4,900**	3150 **6,900**	2000 **4,400**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	6100 **13,050**	5500 **11,750**	3350 **7,150**	3600	2300	3550 **7,750**	2250 **4,900**	6.10 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	6200 **13,350**	*5250 ***11,200**	3400 **7,350**			*4400 ***9,650**	2950 **6,500**	5.06 **16'5"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2500 **5,300**	*2450 ***5,350**	2200 **4,900**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3700 **8,000**	3700 **7,900**	2400 **5,150**	*2450 ***5,300**	1900 **4,200**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6200 **13,350**	5550 **11,950**	3450 **7,450**	3600 **7,700**	2300 **4,950**	*2550 ***5,600**	1800 **3,950**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	5900 **12,650**	5350 **11,500**	3300 **7,050**	3500 **7,450**	2200 **4,750**	2850 **6,200**	1800 **4,000**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	5850 **12,550**	5250 **11,300**	3200 **6,900**	3450 **7,400**	2200 **4,700**	3150 **6,950**	2000 **4,400**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	5950 **12,800**	5300 **11,400**	3250 **7,000**			4050 **8,950**	2550 **5,650**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2550 **5,450**	*2450 ***5,350**	2300 **5,050**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3850 **8,250**	3800 **8,200**	2500 **5,350**	*2450 ***5,300**	2000 **4,350**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6400 **13,800**	*5700 ***12,250**	3600 **7,700**	3700 **7,950**	2400 **5,100**	*2550 ***5,600**	1850 **4,100**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6100 **13,100**	5550 **11,900**	3400 **7,300**	3600 **7,750**	2300 **4,950**	*2850 ***6,250**	1900 **4,150**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6050 **13,000**	5450 **11,700**	3350 **7,150**	3600 **7,700**	2250 **4,850**	3250 **7,200**	2100 **4,600**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6150 **13,250**	5500 **11,850**	3350 **7,250**			4200 **9,300**	2650 **5,850**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2500 **5,400**	*2450 ***5,350**	2250 **5,000**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3800 **8,150**	3750 **8,050**	2450 **5,250**	*2450 ***5,300**	1950 **4,300**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6300 **13,600**	5650 **12,150**	3550 **7,600**	3650 **7,800**	2350 **5,050**	*2550 ***5,600**	1850 **4,000**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6000 **12,900**	5450 **11,700**	3350 **7,200**	3550 **7,600**	2250 **4,850**	*2850 ***6,250**	1850 **4,050**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10700**	*4800 ***10,700**	*9600 ***20,750**	5950 **12,800**	5350 **11,500**	3300 **7,050**	3500 **7,550**	2250 **4,800**	3200 **7,100**	2050 **4,500**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6050 **13,000**	5400 **11,650**	3300 **7,150**			4100 **9,150**	2600 **5,750**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2550 **5,450**	*2450 ***5,350**	2300 **5,050**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3850 **8,250**	3800 **8,200**	2500 **5,300**	*2450 ***5,300**	2000 **4,350**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6400 **13,750**	*5700 ***12,250**	3600 **7,700**	3700 **7,950**	2400 **5,100**	*2550 ***5,600**	1850 **4,050**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6100 **13,050**	5550 **11,850**	3400 **7,300**	3600 **7,750**	2300 **4,900**	*2850 ***6,250**	1900 **4,150**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6050 **13,000**	5450 **11,700**	3300 **7,150**	3550 **7,650**	2250 **4,850**	3250 **7,200**	2100 **4,550**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6150 **13,200**	5500 **11,800**	3350 **7,250**			4150 **9,300**	2650 **5,850**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2600 **5,500**	*2450 ***5,350**	2300 **5,100**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3850 **8,300**	3850 **8,250**	2500 **5,400**	*2450 ***5,300**	2000 **4,400**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6450 **13,900**	*5700 ***12,250**	3600 **7,750**	3750 **8,000**	2400 **5,150**	*2550 ***5,600**	1900 **4,100**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6150 **13,200**	5600 **12,000**	3450 **7,350**	3650 **7,800**	2300 **5,000**	*2850 ***6,250**	1900 **4,200**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6100 **13,100**	5500 **11,800**	3350 **7,200**	3600 **7,750**	2300 **4,900**	3300 **7,250**	2100 **4,600**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6200 **13,350**	5550 **11,950**	3400 **7,300**			4200 **9,400**	2650 **5,900**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m **25.0 ft**	kg **lb**											*2600 ***5,850**	*2600 ***5,850**	4.49 **14'1"**
6.0 m **20.0 ft**	kg **lb**							*2250	*2250			*2200 ***4,850**	*2200 ***4,850**	6.03 **19'6"**
4.5 m **15.0 ft**	kg **lb**							*3350 ***7,300**	2500 **5,350**			*2050 ***4,500**	1950 **4,350**	6.92 **22'6"**
3.0 m **10.0 ft**	kg **lb**			*5350 ***11,450**	*5350 ***11,450**	*4200 ***9,050**	3800 **8,100**	*3700 **7,950**	2450 **5,200**			*2050 ***4,500**	1700 **3,750**	7.40 **24'2"**
1.5 m **5.0 ft**	kg **lb**			*8200 ***17,650**	6350 **13,700**	*5300 ***11,400**	3500 **7,550**	3600 **7,700**	2300 **4,950**	*2400	1650	*2150 ***4,750**	1600 **3,550**	7.55 **24'9"**
0 m **0 ft**	kg **lb**			*7250 ***16,750**	5900 **12,700**	5350 **11,500**	3300 **7,050**	3450 **7,450**	2200 **4,700**			*2400 ***5,250**	1650 **3,550**	7.40 **24'3"**
–1.5 m **–5.0 ft**	kg **lb**	*4350 ***9,700**	*4350 ***9,700**	*9200 ***21,000**	5800 **12,400**	5250 **11,200**	3150 **6,800**	3400 **7,300**	2150 **4,600**			2800 **6,150**	1800 **3,900**	6.91 **22'7"**
–3.0 m **–10.0 ft**	kg **lb**	*7450 ***16,800**	*7450 ***16,800**	*8800 ***19,050**	5850 **12,500**	5250 **11,250**	3200 **6,800**	3450	2150			3400 **7,600**	2150 **4,800**	6.02 **19'7"**
–4.5 m **–15.0 ft**	kg **lb**			*6400 ***13,550**	6050 **13,000**							*4000 ***8,800**	3350 **7,650**	4.48 **14'4"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2600 5,550			*2050 *4,500	2050 4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	3900 8,350	*3700 *8,000	2500 5,350			*2050 *4,500	1800 3,900	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6600 14,150	*5300 *11,400	3600 7,800	3700 7,950	2400 5,100	*2400	1700	*2150 *4,750	1700 3,700	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6100 13,150	5550 11,900	3400 7,300	3600 7,700	2300 4,900			*2400 *5,250	1700 3,700	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6000 12,850	5450 11,650	3300 7,050	3550 7,600	2250 4,750			*2850 *6,250	1850 4,050	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6050 12,950	5450 11,650	3300 7,100	3550	2250			3550 7,850	2250 4,950	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	6250 13,450							*4000 *8,800	3500 7,900	4.48 14'4"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2550 5,450			*2050 *4,500	2000 4,400	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	3850 8,250	*3700 *8,000	2450 5,300			*2050 *4,500	1750 3,850	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6500 13,950	*5300 *11,400	3550 7,650	3650 7,850	2350 5,050	*2400	1650	*2150 *4,750	1650 3,600	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6000 12,900	5450 11,700	3350 7,200	3550 7,600	2250 4,800			*2400 *5,250	1650 3,650	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	5900 12,650	5350 11,450	3250 6,950	3450 7,450	2200 4,700			*2850 *6,250	1800 4,000	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	5950 12,750	5350 11,450	3250 6,950	3500	2200			3500 7,750	2200 4,900	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	6150 13,250							*4000 *8,800	3450 7,800	4.48 14'4"

ISO 10567:2007

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2600 5,550			*2050 *4,500	2050 4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	3900 8,350	*3700 *8,000	2500 5,350			*2050 *4,500	1800 3,900	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6550 14,100	*5300 *11,400	3600 7,750	3700 7,950	2400 5,100	*2400	1700	*2150 *4,750	1700 3,700	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6100 13,100	5550 11,900	3400 7,300	3600 7,700	2300 4,900			*2400 *5,250	1700 3,700	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6000 12,800	5400 11,600	3300 7,050	3550 7,550	2200 4,750			*2850 *6,250	1850 4,050	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6050 12,950	5400 11,600	3300 7,050	3550	2250			3550 7,850	2250 4,950	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	6250 13,450							*4000 *8,800	3450 7,900	4.48 14'4"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2600 5,600			*2050 *4,500	2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	3900 8,450	*3700 *8,000	2550 5,400			*2050 *4,500	1800 3,950	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6650 14,250	*5300 *11,400	3650 7,850	3750 8,050	2400 5,150	*2400	1700	*2150 *4,750	1700 3,700	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6150 13,250	5600 12,000	3450 7,350	3650 7,800	2300 4,950			*2400 *5,250	1700 3,750	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6050 12,950	5450 11,750	3300 7,150	3550 7,650	2250 4,800			*2850 *6,250	1850 4,100	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6100 13,100	5450 11,750	3300 7,150	3600	2250			3600 7,950	2250 5,000	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	6300 *13,550							*4000 *8,800	3500 8,000	4.48 14'4"

* ISO 10567:2007

*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.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4650 ***9,100**	*4650 ***9,100**					*3700 ***8,500**	*3700 ***8,500**	3.36 **10'2"**
6.0 m **20.0 ft**	kg **lb**	*4650 ***10,300**	*4650 ***10,300**	*4550 ***9,700**	3900 **8,350**			*2800 ***6,250**	*2800 ***6,250**	5.26 **16'11"**
4.5 m **15.0 ft**	kg **lb**	*5050 ***10,900**	*5050 ***10,900**	*5300 ***11,450**	3850 **8,200**	3700 ***7,200**	2350 **5,050**	*2550 ***5,650**	2200 **4,850**	6.26 **20'4"**
3.0 m **10.0 ft**	kg **lb**	*8900 ***19,200**	6600 **14,250**	5750 **12,300**	3550 **7,650**	3600 **7,700**	2300 **4,900**	*2500 ***5,550**	1850 **4,100**	6.79 **22'2"**
1.5 m **5.0 ft**	kg **lb**			5400 **11,550**	3250 **7,000**	3450 **7,450**	2150 **4,650**	*2600 ***5,750**	1750 **3,800**	6.95 **22'9"**
0 m **0 ft**	kg **lb**	*5200 ***12,150**	*5200 **11,900**	5200 **11,100**	3100 **6,600**	3400 **7,250**	2100 **4,450**	2850 **6,250**	1750 **3,850**	6.79 **22'2"**
–1.5 m **–5.0 ft**	kg **lb**	*6450 ***14,000**	5600 **11,950**	*5000 ***10,750**	3050 **6,500**	*3350 ***6,950**	2050 **4,450**	*2900 ***6,400**	2000 **4,350**	6.25 **20'5"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4650 ***9,100**	*4650 ***9,100**					*3700 ***8,500**	*3700 ***8,500**	3.36 **10'2"**
6.0 m **20.0 ft**	kg **lb**	*4650 ***10,300**	*4650 ***10,300**	*4550 ***9,700**	4000 **8,500**			*2800 ***6,250**	*2800 ***6,250**	5.26 **16'11"**
4.5 m **15.0 ft**	kg **lb**	*5050 ***10,900**	*5050 ***10,900**	*5300 ***11,450**	3900 **8,350**	3750 ***7,200**	2400 **5,150**	*2550 ***5,650**	2250 **4,950**	6.26 **20'4"**
3.0 m **10.0 ft**	kg **lb**	*8900 ***19,200**	6750 **14,500**	5850 **12,550**	3650 **7,800**	3650 **7,850**	2350 **5,000**	*2500 ***5,550**	1900 **4,150**	6.79 **22'2"**
1.5 m **5.0 ft**	kg **lb**			5500 **11,800**	3350 **7,150**	3550 **7,600**	2200 **4,750**	*2600 ***5,750**	1750 **3,900**	6.95 **22'9"**
0 m **0 ft**	kg **lb**	*5200 ***12,150**	*5200 **12,150**	5300 **11,350**	3150 **6,750**	3450 **7,400**	2150 **4,550**	*2900 ***6,350**	1800 **3,950**	6.79 **22'2"**
–1.5 m **–5.0 ft**	kg **lb**	*6450 ***14,000**	5700 **12,200**	*5000 ***10,750**	3100 **6,650**	*3350 ***6,950**	2100 **4,550**	*2900 ***6,400**	2000 **4,450**	6.25 **20'5"**

ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4650 ***9,100**	*4650 ***9,100**					*3700 ***8,500**	*3700 ***8,500**	3.36 **10'2"**
6.0 m **20.0 ft**	kg **lb**	*4650 ***10,300**	*4650 ***10,300**	*4550 ***9,700**	4050 **8,600**			*2800 ***6,250**	*2800 ***6,250**	5.26 **16'11"**
4.5 m **15.0 ft**	kg **lb**	*5050 ***10,900**	*5050 ***10,900**	*5300 ***11,450**	3950 **8,450**	*3800 ***7,200**	2450 **5,200**	*2550 ***5,650**	2250 **5,000**	6.26 **20'4"**
3.0 m **10.0 ft**	kg **lb**	*8900 ***19,200**	6800 **14,700**	5900 **12,700**	3650 **7,900**	3700 **8,000**	2350 **5,050**	*2500 ***5,550**	1950 **4,250**	6.79 **22'2"**
1.5 m **5.0 ft**	kg **lb**			5550 **11,950**	3400 **7,250**	3600 **7,700**	2250 **4,800**	*2600 ***5,750**	1800 **3,950**	6.95 **22'9"**
0 m **0 ft**	kg **lb**	*5200 ***12,150**	*5200 ***12,150**	5350 **11,500**	3200 **6,850**	3500 **7,500**	2150 **4,650**	*2900 ***6,350**	1850 **4,000**	6.79 **22'2"**
–1.5 m **–5.0 ft**	kg **lb**	*6450 ***14,000**	5800 **12,400**	*5000 ***10,750**	3150 **6,750**	*3350 ***6,950**	2150 **4,600**	*2900 ***6,400**	2050 **4,500**	6.25 **20'5"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4650 ***9,100**	*4650 ***9,100**					*3700 ***8,500**	*3700 ***8,500**	3.36 **10'2"**
6.0 m **20.0 ft**	kg **lb**	*4650 ***10,300**	*4650 ***10,300**	*4550 ***9,700**	4050 **8,700**			*2800 ***6,250**	*2800 ***6,250**	5.26 **16'11"**
4.5 m **15.0 ft**	kg **lb**	*5050 ***10,900**	*5050 ***10,900**	*5300 ***11,450**	3950 **8,550**	*3800 ***7,200**	2450 **5,250**	*2550 ***5,650**	2300 **5,050**	6.26 **20'4"**
3.0 m **10.0 ft**	kg **lb**	*8900 ***19,200**	6900 **14,850**	*5950 ***12,850**	3700 **8,000**	3750 **8,050**	2400 **5,100**	*2500 ***5,550**	1950 **4,300**	6.79 **22'2"**
1.5 m **5.0 ft**	kg **lb**			5650 **12,100**	3400 **7,350**	3650 **7,800**	2250 **4,850**	*2600 ***5,750**	1800 **4,000**	6.95 **22'9"**
0 m **0 ft**	kg **lb**	*5200 ***12,150**	*5200 ***12,150**	5400 **11,650**	3250 **6,950**	3550 **7,600**	2200 **4,700**	*2900 ***6,350**	1850 **4,050**	6.79 **22'2"**
–1.5 m **–5.0 ft**	kg **lb**	*6450 ***14,000**	5850 **12,550**	*5000 ***10,750**	3200 **6,850**	*3350 ***6,950**	2150 **4,700**	*2900 ***6,400**	2050 **4,550**	6.25 **20'5"**

* **ISO 10567:2007**

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	4000 **8,550**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	3900 **8,400**	3750 ***8,000**	2450 **5,200**	*2200 ***4,850**	2050 **4,550**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	6850 **14,750**	5800 **12,500**	3650 **7,850**	3650 **7,850**	2350 **5,000**	*2200 ***4,800**	1750 **3,900**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5450 **11,750**	3350 **7,200**	3500 **7,550**	2200 **4,750**	*2250 ***4,950**	1650 **3,650**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	5600 **12,050**	5250 **11,200**	3150 **6,700**	3400 **7,300**	2100 **4,500**	*2500 ***5,450**	1700 **3,700**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	5600 **12,000**	5150 **11,050**	3050 **6,550**	3350 **7,250**	2100 **4,450**	*2900 ***6,400**	1850 **4,100**	6.57 **21'6"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	4050 **8,700**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	3950 **8,500**	3800 ***8,000**	2450 **5,250**	*2200 ***4,850**	2100 **4,600**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	6950 **15,000**	*5850 ***12,550**	3700 **7,950**	3700 **8,000**	2400 **5,100**	*2200 ***4,800**	1800 **3,950**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5550 **11,950**	3400 **7,300**	3600 **7,700**	2250 **4,850**	*2250 ***4,950**	1700 **3,700**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 **12,300**	5350 **11,450**	3200 **6,850**	3450 **7,450**	2150 **4,600**	*2500 ***5,450**	1700 **3,750**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	5700 **12,250**	5250 **11,250**	3100 **6,700**	3450 **7,400**	2100 **4,550**	*2900 ***6,400**	1900 **4,150**	6.57 **21'6"**

* **ISO 10567:2007**

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 **8,800**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4000 **8,600**	*3850 ***8,000**	2500 **5,350**	*2200 ***4,850**	2100 **4,700**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7050 **15,150**	*5850 ***12,550**	3750 **8,050**	3750 **8,100**	2400 **5,150**	*2200 ***4,800**	1850 **4,000**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5650 **12,150**	3450 **7,400**	3650 **7,800**	2300 **4,900**	*2250 ***4,950**	1700 **3,750**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 **12,450**	5400 **11,600**	3250 **6,950**	3500 **7,550**	2200 **4,700**	*2500 ***5,450**	1750 **3,800**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	5800 **12,400**	*5300 **11,450**	3150 **6,800**	3500 **7,500**	2150 **4,600**	*2900 ***6,400**	1950 **4,250**	6.57 **21'6"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 **8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4050 **8,700**	*3850 ***8,000**	2550 **5,400**	*2200 ***4,850**	2150 **4,750**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7100 **15,300**	*5850 ***12,550**	3800 **8,150**	3800 **8,200**	2450 **5,200**	*2200 ***4,800**	1850 **4,050**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5700 **12,250**	3500 **7,500**	3700 **7,900**	2300 **4,950**	*2250 ***4,950**	1750 **3,800**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 **12,600**	5450 **11,750**	3300 **7,050**	3550 **7,650**	2200 **4,750**	*2500 ***5,450**	1750 **3,850**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	5850 **12,550**	*5300 ***11,450**	3200 **6,900**	3550 **7,600**	2200 **4,700**	*2900 ***6,400**	1950 **4,300**	6.57 **21'6"**

* **ISO 10567:2007**

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m **25.0 ft**	kg **lb**	*3800 ***8,350**	*3800 ***8,350**	*2950 ***5,450**	*2950 ***5,450**					*2400 ***5,400**	*2400 ***5,400**	4.74 **15'0"**
6.0 m **20.0 ft**	kg **lb**			*3450 ***7,550**	*3450 ***7,550**	*2600 ***4,850**	2500 ***4,850**			*2000 ***4,450**	*2000 ***4,450**	6.22 **20'1"**
4.5 m **15.0 ft**	kg **lb**	*3050 ***6,750**	*3050 ***6,750**	*3600 ***7,900**	*3600 ***7,900**	*3500 ***7,550**	2500 **5,300**			*1900 ***4,150**	1800 **4,000**	7.09 **23'1"**
3.0 m **10.0 ft**	kg **lb**	*6050 ***12,500**	*6050 ***12,500**	*4950 ***10,700**	3750 **8,000**	3700 **7,900**	2350 **5,050**	*2100	1600	*1850 ***4,100**	1600 **3,500**	7.56 **24'8"**
1.5 m **5.0 ft**	kg **lb**	 ***20,600**	 **13,250**	5550 **11,900**	3400 **7,300**	3550 **7,550**	2200 **4,750**	2500 ***5,100**	1550 **3,350**	*1950 ***4,250**	1500 **3,250**	7.70 **25'3"**
0 m **0 ft**	kg **lb**	*6400 ***14,800**	5600 **12,050**	5250 **11,250**	3150 **6,750**	3400 **7,300**	2100 **4,500**	*2400	1500	*2100 ***4,600**	1500 **3,300**	7.55 **24'9"**
–1.5 m **–5.0 ft**	kg **lb**	*8000 ***17,350**	5500 **11,800**	5100 **10,950**	3000 **6,450**	3300 **7,150**	2050 **4,350**			*2450 ***5,400**	1650 **3,600**	7.08 **23'2"**
–3.0 m **–10.0 ft**	kg **lb**	*5500 ***11,850**	*5500 ***11,850**	*4150 ***8,800**	3050 **6,500**	*2550	2050			*2400 ***5,350**	2050 **4,550**	6.10 **19'8"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m **25.0 ft**	kg **lb**	*3800 ***8,350**	*3800 ***8,350**	*2950 ***5,450**	*2950 ***5,450**					*2400 ***5,400**	*2400 ***5,400**	4.74 **15'0"**
6.0 m **20.0 ft**	kg **lb**			*3450 ***7,550**	*3450 ***7,550**	*2600 ***4,850**	2500 ***4,850**			*2000 ***4,450**	*2000 ***4,450**	6.22 **20'1"**
4.5 m **15.0 ft**	kg **lb**	*3050 ***6,750**	*3050 ***6,750**	*3600 ***7,900**	*3600 ***7,900**	*3500 ***7,550**	2500 **5,400**			*1900 ***4,150**	1850 **4,100**	7.09 **23'1"**
3.0 m **10.0 ft**	kg **lb**	*6050 ***12,500**	*6050 ***12,500**	*4950 ***10,700**	3800 **8,150**	3750 **8,050**	2400 **5,150**	*2100	1650	*1850 ***4,100**	1600 **3,550**	7.56 **24'8"**
1.5 m **5.0 ft**	kg **lb**	 ***20,600**	 **13,450**	5650 **12,100**	3450 **7,400**	3600 **7,700**	2250 **4,850**	2550 ***5,100**	1600 **3,400**	*1950 ***4,250**	1550 **3,350**	7.70 **25'3"**
0 m **0 ft**	kg **lb**	*6400 ***14,800**	5750 **12,300**	5350 **11,450**	3200 **6,850**	3450 **7,450**	2150 **4,600**	*2400	1550	*2100 ***4,600**	1550 **3,350**	7.55 **24'9"**
–1.5 m **–5.0 ft**	kg **lb**	*8000 ***17,350**	5600 **12,050**	5200 **11,150**	3100 **6,600**	3400 **7,300**	2100 **4,450**			*2450 ***5,400**	1650 **3,650**	7.08 **23'2"**
–3.0 m **–10.0 ft**	kg **lb**	*5500 ***11,850**	*5500 ***11,850**	*4150 ***8,800**	3100 **6,650**	*2550	2100			*2400 ***5,350**	2100 **4,600**	6.10 **19'8"**

* **ISO 10567:2007**

*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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m 25.0 ft	kg lb	*3800 *8,350	*3800 *8,350	*2950 *5,450	*2950 *5,450					*2400 *5,400	*2400 *5,400	4.74 15'0"
6.0 m 20.0 ft	kg lb			*3450 *7,550	*3450 *7,550	*2600 *4,850	2550 *4,850			*2000 *4,450	*2000 *4,450	6.22 20'1"
4.5 m 15.0 ft	kg lb	*3050 *6,750	*3050 *6,750	*3600 *7,900	*3600 *7,900	*3500 *7,550	2550 5,450			*1900 *4,150	1900 *4,150	7.09 23'1"
3.0 m 10.0 ft	kg lb	*6050 *12,500	*6050 *12,500	*4950 *10,700	3850 8,250	3800 8,150	2450 5,250	*2100	1650	*1850 *4,100	1650 3,600	7.56 24'8"
1.5 m 5.0 ft	kg lb	*20,600	13,650	5700 12,300	3500 7,550	3650 7,850	2300 4,900	2600 *5,100	1600 3,450	*1950 *4,250	1550 3,400	7.70 25'3"
0 m 0 ft	kg lb	*6400 *14,800	5800 12,500	5400 11,650	3250 6,950	3500 7,550	2150 4,650	*2400	1600	*2100 *4,600	1550 3,400	7.55 24'9"
–1.5 m –5.0 ft	kg lb	*8000 *17,350	5700 12,250	5300 11,350	3150 6,700	3450 7,400	2100 4,500			*2450 *5,400	1700 3,750	7.08 23'2"
–3.0 m –10.0 ft	kg lb	*5500 *11,850	*5500 *11,850	*4150 *8,800	3150 6,750	*2550	2150			*2400 *5,350	2100 4,700	6.10 19'8"

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m 25.0 ft	kg lb	*3800 *8,350	*3800 *8,350	*2950 *5,450	*2950 *5,450					*2400 *5,400	*2400 *5,400	4.74 15'0"
6.0 m 20.0 ft	kg lb			*3450 *7,550	*3450 *7,550	*2600 *4,850	2600 *4,850			*2000 *4,450	*2000 *4,450	6.22 20'1"
4.5 m 15.0 ft	kg lb	*3050 *6,750	*3050 *6,750	*3600 *7,900	*3600 *7,900	*3500 *7,550	2600 5,500			*1900 *4,150	*1900 *4,150	7.09 23'1"
3.0 m 10.0 ft	kg lb	*6050 *12,500	*6050 *12,500	*4950 *10,700	3850 8,350	3850 8,250	2450 5,300	*2100	1700	*1850 *4,100	1650 3,650	7.56 24'8"
1.5 m 5.0 ft	kg lb	*20,600	13,800	5800 12,400	3550 7,600	3700 7,900	2300 5,000	2600 *5,100	1650 3,500	*1950 *4,250	1550 3,450	7.70 25'3"
0 m 0 ft	kg lb	*6400 *14,800	5900 12,600	5500 11,750	3300 7,050	3550 7,650	2200 4,700	*2400	1600	*2100 *4,600	1600 3,450	7.55 24'9"
–1.5 m –5.0 ft	kg lb	*8000 *17,350	5750 12,350	5350 11,450	3150 6,800	3500 7,500	2150 4,600			*2450 *5,400	1700 3,750	7.08 23'2"
–3.0 m –10.0 ft	kg lb	*5500 *11,850	*5500 *11,850	*4150 *8,800	3200 6,850	*2550	2150			*2400 *5,350	2150 4,750	6.10 19'8"

ISO 10567:2007

*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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m	kg					*3900	*3900			*3050	*3050	5.06
20.0 ft	lb					*8,650	*8,650			*6,750	*6,750	16'7"
4.5 m	kg					*4100	4050	*3300	2550	*2800	2450	6.10
15.0 ft	lb					*8,850	8,650			*6,200	5,450	20'0"
3.0 m	kg			*6950	*6950	*4900	3800	3650	2500	*2800	2100	6.64
10.0 ft	lb			*14,900	*14,900	*10,550	8,200	7,800	5,300	*6,150	4,650	21'9"
1.5 m	kg					5450	3550	3550	2400	2900	2000	6.81
5.0 ft	lb					11,750	7,700	7,550	5,100	6,400	4,350	22'4"
0 m	kg			*6050	6050	5300	3400	3450	2300	3000	2000	6.64
0 ft	lb			*14,050	13,150	11,350	7,300	7,400	4,950	6,550	4,400	21'9"
–1.5 m	kg	*5100	*5100	*9300	6150	5250	3350	3450	2300	3350	2250	6.09
–5.0 ft	lb	*11,450	*11,450	*20,150	13,150	11,200	7,200			7,400	4,950	19'11"
–3.0 m	kg			*7700	6250	5250	3450			*4400	2950	5.06
–10.0 ft	lb			*16,600	13,450	11,200	7,400			*9,650	6,550	16'7"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m	kg					*3900	*3900			*3050	*3050	5.06
20.0 ft	lb					*8,650	*8,650			*6,750	*6,750	16'7"
4.5 m	kg					*4100	*4100	*3300	2750	*2800	*2650	6.10
15.0 ft	lb					*8,850	*8,850			*6,200	*5,900	20'0"
3.0 m	kg			*6950	*6950	*4900	4150	*4150	2700	*2800	2300	6.64
10.0 ft	lb			*14,900	*14,900	*10,550	8,900	*9,000	5,750	*6,150	5,000	21'9"
1.5 m	kg					*5850	3900	*4500	2600	*2950	2150	6.81
5.0 ft	lb					*12,600	8,350	*9,750	5,550	*6,500	4,700	22'4"
0 m	kg			*6050	*6050	*6400	3700	*4750	2500	*3300	2200	6.64
0 ft	lb			*14,050	*14,050	*13,800	8,000	*10,250	5,350	*7,300	4,800	21'9"
–1.5 m	kg	*5100	*5100	*9300	6800	*6300	3650	*4500	2500	*4100	2450	6.09
–5.0 ft	lb	*11,450	*11,450	*20,150	14,550	*13,600	7,850			*9,000	5,400	19'11"
–3.0 m	kg			*7700	6900	*5250	3750			*4400	3200	5.06
–10.0 ft	lb			*16,600	14,850	*11,200	8,050			*9,650	7,150	16'7"

* ISO 10567:2007

*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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2600 mm (8'6") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3550 ***7,900**			*3050 ***6,750**	*3050 ***6,750**	5.06 **16'7"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	*3800 ***8,300**	*3300	2600	*2800 ***6,200**	2500 **5,600**	6.10 **20'0"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	*6950 ***14,900**	*4900 ***10,550**	3950 **8,500**	3700 **7,950**	2550 **5,450**	*2800 ***6,150**	2150 **4,750**	6.64 **21'9"**
1.5 m **5.0 ft**	kg **lb**					5550 **11,950**	3700 **7,950**	3600 **7,700**	2450 **5,250**	*2950 ***6,500**	2050 **4,450**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	6050 **13,450**	5400 **11,550**	3550 **7,600**	3500 **7,550**	2350 **5,050**	*3050 ***6,650**	2050 **4,500**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	6250 **13,450**	5300 **11,400**	3450 **7,450**	3500	2350	3400 **7,550**	2300 **5,050**	6.09 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	6400 **13,750**	*5250 ***11,200**	3500 **7,500**			*4400 ***9,650**	3000 **6,700**	5.06 **16'7"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2600 mm (8'6") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 ***8,650**			*3050 ***6,750**	*3050 ***6,750**	5.06 **16'7"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	*4100 ***8,850**	*3300	2850	*2800 ***6,200**	*2750 ***6,250**	6.10 **20'0"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	*6950 ***14,900**	*4900 ***10,550**	4300 **9,250**	*4150 ***9,000**	2800 **6,000**	*2800 ***6,150**	2400 **5,250**	6.64 **21'9"**
1.5 m **5.0 ft**	kg **lb**					*5850 ***12,600**	4050 **8,700**	*4500 ***9,750**	2700 **5,800**	*2950 ***6,500**	2250 **4,900**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	*6050 ***14,050**	*6400 ***13,800**	3900 **8,350**	*4750 ***10,250**	2600 **5,600**	*3300 ***7,300**	2300 **5,000**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	7150 **15,300**	*6300 ***13,600**	3850 **8,250**	*4500	2600	*4100 ***9,000**	2550 **5,600**	6.09 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	7250 **15,600**	*5250 ***11,200**	3900 **8,400**			*4400 ***9,650**	3350 **7,450**	5.06 **16'7"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m 20.0 ft	kg lb					*3900 *8,650	*3900 *8,650			*3050 *6,750	*3050 *6,750	5.06 16'7"
4.5 m 15.0 ft	kg lb					*4100 *8,850	*4100 *8,850	*3300	2650	*2800 *6,200	2550 5,650	6.10 20'0"
3.0 m 10.0 ft	kg lb			*6950 *14,900	*6400 *13,700	*4900 *10,550	3950 8,450	3750 8,050	2550 5,500	*2800 *6,150	2200 4,800	6.64 21'9"
1.5 m 5.0 ft	kg lb					5650 12,100	3700 7,950	3650 7,800	2450 5,300	*2950 *6,500	2050 4,500	6.81 22'4"
0 m 0 ft	kg lb			*6050 *14,050	*6400 13,750	5450 11,700	3550 7,600	3550 7,650	2400 5,150	3100 6,750	2100 4,600	6.64 21'9"
–1.5 m –5.0 ft	kg lb	*5100 *11,450	*5100 *11,450	*9300 *20,150	6400 13,700	5400 11,600	3500 7,500	3550	2400	3450 7,650	2350 5,150	6.09 19'11"
–3.0 m –10.0 ft	kg lb			*7700 *16,600	6450 13,900	*5250 *11,200	3550 7,650			*4400 *9,650	3050 6,800	5.06 16'7"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m 20.0 ft	kg lb					*3900 *8,650	*3900 *8,650			*3050 *6,750	*3050 *6,750	5.06 16'7"
4.5 m 15.0 ft	kg lb					*4100 *8,850	*4100 *8,850	*3300	2950	*2800 *6,200	*2800 *6,200	6.10 20'0"
3.0 m 10.0 ft	kg lb			*6950 *14,900	*6950 *14,900	*4900 *10,550	4450 9,550	*4150 *9,000	2950 6,300	*2800 *6,150	2450 5,400	6.64 21'9"
1.5 m 5.0 ft	kg lb					*5850 *12,600	4200 9,000	*4500 *9,750	2800 6,000	*2950 *6,500	2300 5,100	6.81 22'4"
0 m 0 ft	kg lb			*6050 *14,050	*6050 *14,050	*6400 *13,800	4050 8,650	*4750 *10,250	2700 5,800	*3300 *7,300	2350 5,200	6.64 21'9"
–1.5 m –5.0 ft	kg lb	*5100 *11,450	*5100 *11,450	*9300 *20,150	7450 15,950	*6300 *13,600	4000 8,550	*4500	2700	*4100 *9,000	2650 5,800	6.09 19'11"
–3.0 m –10.0 ft	kg lb			*7700 *16,600	7550 16,200	*5250 *11,200	4050 8,700			*4400 *9,650	3450 7,700	5.06 16'7"

* ISO 10567:2007

*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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 ***8,650**			*3050 ***6,750**	*3050 ***6,750**	5.06 **16'7"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	*4100 ***8,850**	*3300	2650	*2800 ***6,200**	2600 ***5,700**	6.10 **20'0"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	*6950 ***14,900**	*4900 ***10,550**	4000 **8,550**	3800 **8,150**	2600 **5,550**	*2800 ***6,150**	2200 **4,850**	6.64 **21'9"**
1.5 m **5.0 ft**	kg **lb**					5700 **12,250**	3750 **8,050**	3700 **7,900**	2500 **5,350**	*2950 ***6,500**	2100 **4,550**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	*6050 **13,750**	5500 **11,850**	3550 **7,650**	3600 **7,750**	2400 **5,200**	*3100 ***6,850**	2100 **4,650**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	6400 **13,750**	5450 **11,700**	3500 **7,550**	3600	2400	3500 **7,750**	2350 **5,200**	6.09 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	6550 **14,050**	5250 **11,200**	3600 **7,750**			*4400 ***9,650**	3100 **6,850**	5.06 **16'7"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3900 ***8,650**	*3900 ***8,650**			*3050 ***6,750**	*3050 ***6,750**	5.06 **16'7"**
4.5 m **15.0 ft**	kg **lb**					*4100 ***8,850**	*4100 ***8,850**	*3300	3000	*2800 ***6,200**	*2800 ***6,200**	6.10 **20'0"**
3.0 m **10.0 ft**	kg **lb**			*6950 ***14,900**	*6950 ***14,900**	*4900 ***10,550**	4500 **9,650**	*4150 ***9,000**	2900 **6,250**	*2800 ***6,150**	2500 **5,500**	6.64 **21'9"**
1.5 m **5.0 ft**	kg **lb**					*5850 ***12,600**	4250 **9,100**	*4500 ***9,750**	2800 **6,050**	*2950 ***6,500**	2350 **5,150**	6.81 **22'4"**
0 m **0 ft**	kg **lb**			*6050 ***14,050**	*6500 ***14,050**	*6400 ***13,800**	4050 **8,750**	*4750 ***10,250**	2750 **5,900**	*3300 ***7,300**	2400 **5,250**	6.64 **21'9"**
–1.5 m **–5.0 ft**	kg **lb**	*5100 ***11,450**	*5100 ***11,450**	*9300 ***20,150**	7500 **16,050**	*6300 ***13,600**	4000 **8,650**	*4500	2750	*4100 ***9,000**	2700 **5,900**	6.09 **19'11"**
–3.0 m **–10.0 ft**	kg **lb**			*7700 ***16,600**	7650 **16,400**	*5250 ***11,200**	4100 **8,800**			*4400 ***9,650**	3500 **7,800**	5.06 **16'7"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2600 **5,550**	*2450 ***5,350**	2300 **5,150**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3900 **8,350**	3700 **7,900**	2500 **5,400**	*2450 ***5,300**	2000 **4,400**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6500 **14,000**	5550 **11,900**	3650 **7,800**	3550 **7,650**	2400 **5,200**	*2550 ***5,600**	1900 **4,150**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6200 **13,300**	5350 **11,450**	3450 **7,400**	3450 **7,450**	2350 **5,000**	2850 **6,200**	1900 **4,200**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6150 **13,200**	5250 **11,250**	3400 **7,250**	3450 **7,400**	2300 **4,950**	3150 **6,900**	2100 **4,650**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6250 **13,400**	5300 **11,350**	3400 **7,350**			4000 **8,950**	2700 **5,950**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2800 **5,950**	*2450 ***5,350**	*2450 ***5,350**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4200 **9,050**	*4000 ***8,700**	2700 **5,850**	*2450 ***5,300**	2150 **4,750**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	7150 **15,400**	*5700 ***12,250**	3950 **8,500**	*4400 ***9,550**	2600 **5,600**	*2550 ***5,600**	2050 **4,500**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	*6500 **14,700**	*6350 ***13,700**	3750 **8,100**	*4700 ***10,200**	2550 **5,450**	*2850 ***6,250**	2100 **4,550**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6800 **14,600**	*6400 ***13,850**	3700 **7,900**	*4650 ***9,950**	2500 **5,350**	*3450 ***7,600**	2300 **5,050**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6900 **14,850**	*5600 ***12,050**	3750 **8,000**			*4300 ***9,450**	2900 **6,450**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2700 **5,700**	*2450 ***5,350**	2400 **5,300**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4000 **8,600**	3800 **8,150**	2600 **5,600**	*2450 ***5,300**	2100 **4,550**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6700 **14,450**	*5700 ***12,250**	3750 **8,050**	3700 **7,950**	2500 **5,350**	*2550 ***5,600**	1950 **4,300**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6400 **13,750**	5550 **11,850**	3550 **7,650**	3600 **7,750**	2400 **5,200**	*2850 ***6,250**	2000 **4,350**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6350 **13,650**	5450 **11,700**	3500 **7,500**	3550 **7,650**	2400 **5,100**	3250 **7,200**	2200 **4,800**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6450 **13,850**	5500 **11,800**	3550 **7,600**			4150 **9,250**	2750 **6,150**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2900 **6,150**	*2450 ***5,350**	*2450 ***5,350**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4350 **9,300**	*4000 ***8,700**	2800 **6,050**	*2450 ***5,300**	2250 **4,950**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	*7350 ***15,900**	*5700 ***12,250**	4050 **8,750**	*4400 ***9,550**	2700 **5,800**	*2550 ***5,600**	2100 **4,650**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	*6500 ***15,000**	*6350 ***13,700**	3900 **8,350**	*4700 ***10,200**	2600 **5,600**	*2850 ***6,250**	2150 **4,700**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	7050 **15,100**	*6400 ***13,850**	3800 **8,200**	*4650 ***9,950**	2600 **5,550**	*3450 ***7,600**	2400 **5,250**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	7150 **15,350**	*5600 ***12,050**	3850 **8,300**			*4300 ***9,450**	3000 **6,650**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2600 mm (8'6") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2650 **5,650**	*2450 ***5,350**	2350 **5,250**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	3950 **8,500**	3750 **8,050**	2600 **5,500**	*2450 ***5,300**	2050 **4,500**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6650 **14,250**	5650 **12,100**	3700 **7,950**	3650 **7,800**	2450 **5,300**	*2550 ***5,600**	1950 **4,250**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6350 **13,600**	5450 **11,650**	3550 **7,600**	3550 **7,600**	2400 **5,100**	*2850 ***6,250**	1950 **4,300**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6300 **13,500**	5350 **11,450**	3450 **7,450**	3500 **7,500**	2350 **5,050**	3200 **7,050**	2150 **4,750**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6400 **13,700**	5400 **11,600**	3500 **7,500**			4100 **9,100**	2750 **6,050**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2600 mm (8'6") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2900 **6,200**	*2450 ***5,350**	*2450 ***5,350**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4350 **9,400**	*4000 ***8,700**	2850 **6,100**	*2450 ***5,300**	2250 **5,000**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	*7350 ***16,150**	*5700 ***12,250**	4100 **8,850**	*4400 ***9,550**	2750 **5,850**	*2550 ***5,600**	2150 **4,700**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	*6500 ***15,000**	*6350 ***13,700**	3950 **8,450**	*4700 ***10,200**	2650 **5,650**	*2850 ***6,250**	2150 **4,750**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	7150 **15,350**	*6400 ***13,850**	3850 **8,300**	*4650 ***9,950**	2600 **5,600**	*3450 ***7,600**	2400 **5,250**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	7250 **15,550**	*5600 ***12,050**	3900 **8,400**			*4300 ***9,450**	3050 **6,750**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2700 **5,750**	*2450 ***5,350**	2400 **5,300**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4000 **8,600**	3800 **8,150**	2600 **5,600**	*2450 ***5,300**	2100 **4,600**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6700 **14,450**	*5700 ***12,250**	3750 **8,100**	3700 **7,900**	2500 **5,400**	*2550 ***5,600**	1950 **4,300**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	6400 **13,750**	5500 **11,800**	3600 **7,700**	3600 **7,700**	2400 **5,200**	*2850 ***6,250**	2000 **4,350**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6400 **13,700**	5400 **11,650**	3500 **7,550**	3550 **7,600**	2400 **5,150**	3250 **7,150**	2200 **4,850**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6450 **13,900**	5450 **11,750**	3550 **7,650**			4150 **9,250**	2800 **6,150**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	3000 **6,400**	*2450 ***5,350**	*2450 ***5,350**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4500 **9,700**	*4000 ***8,700**	2950 **6,300**	*2450 ***5,300**	2350 **5,150**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	*7350 **16,800**	*5700 ***12,250**	4250 **9,150**	*4400 ***9,550**	2850 **6,050**	*2550 ***5,600**	2200 **4,850**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	*6500 ***15,000**	*6350 ***13,700**	4050 **8,750**	*4700 ***10,200**	2750 **5,900**	*2850 ***6,250**	2250 **4,950**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	7450 **15,950**	*6400 ***13,850**	4000 **8,600**	*4650 ***9,950**	2700 **5,800**	*3450 ***7,600**	2500 **5,450**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	7550 **16,200**	*5600 ***12,050**	4050 **8,700**			*4300 ***9,450**	3150 **7,000**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	2700 **5,800**	*2450 ***5,350**	2400 ***5,350**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4050 **8,700**	3850 **8,250**	2650 **5,650**	*2450 ***5,300**	2100 **4,600**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	6800 **14,600**	*5700 ***12,250**	3800 **8,150**	3700 **8,000**	2550 **5,450**	*2550 ***5,600**	2000 **4,350**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	*6500 **13,900**	5550 **11,950**	3600 **7,750**	3650 **7,800**	2450 **5,250**	*2850 ***6,250**	2000 **4,400**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	6450 **13,800**	5500 **11,750**	3550 **7,600**	3600 **7,700**	2400 **5,200**	3300 **7,250**	2200 **4,900**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	6550 **14,050**	5550 **11,850**	3600 **7,700**			4200 **9,350**	2800 **6,200**	5.43 **17'8"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
												m ft/in
6.0 m **20.0 ft**	kg **lb**					*3550 ***7,900**	*3550 ***7,900**			*2600 ***5,800**	*2600 ***5,800**	5.44 **17'6"**
4.5 m **15.0 ft**	kg **lb**					*3800 ***8,300**	*3800 ***8,300**	*3650 ***7,400**	3050 **6,500**	*2450 ***5,350**	*2450 ***5,350**	6.41 **20'10"**
3.0 m **10.0 ft**	kg **lb**			*6400 ***13,700**	*6400 ***13,700**	*4650 ***10,100**	4550 **9,800**	*4000 ***8,700**	2950 **6,350**	*2450 ***5,300**	2350 **5,200**	6.93 **22'8"**
1.5 m **5.0 ft**	kg **lb**			*7350 ***18,000**	*7350 **16,950**	*5700 ***12,250**	4300 **9,250**	*4400 ***9,550**	2850 **6,150**	*2550 ***5,600**	2250 **4,900**	7.09 **23'3"**
0 m **0 ft**	kg **lb**			*6500 ***15,000**	*6500 ***15,000**	*6350 ***13,700**	4100 **8,850**	*4700 ***10,200**	2750 **5,950**	*2850 ***6,250**	2250 **5,000**	6.93 **22'8"**
–1.5 m **–5.0 ft**	kg **lb**	*4800 ***10,700**	*4800 ***10,700**	*9600 ***20,750**	7550 **16,150**	*6400 ***13,850**	4050 **8,700**	*4650 ***9,950**	2750 **5,850**	*3450 ***7,600**	2500 **5,500**	6.41 **20'11"**
–3.0 m **–10.0 ft**	kg **lb**	*8850 ***20,000**	*8850 ***20,000**	*8250 ***17,750**	7650 **16,350**	*5600 ***12,050**	4100 **8,800**			*4300 ***9,450**	3200 **7,050**	5.43 **17'8"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2650 5,600			*2050 *4,500	2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	3950 8,500	*3700 7,950	2550 5,450			*2050 *4,500	1800 3,950	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6650 14,350	*5300 *11,400	3650 7,900	3550 7,650	2400 5,200	*2400	1750	*2150 *4,750	1700 3,750	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6200 13,300	5350 11,450	3450 7,400	3450 7,400	2300 4,950			*2400 *5,250	1700 3,750	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6100 13,050	5200 11,200	3350 7,200	3400 7,300	2250 4,850			2800 6,100	1900 4,100	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6150 13,150	5200 11,200	3350 7,200	3400	2300			3400 7,550	2300 5,050	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	6350 *13,550							*4000 *8,800	3550 8,050	4.48 14'4"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2850 6,050			*2050 *4,500	*2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	*4200 *9,050	*3700 *8,000	2750 5,900			*2050 *4,500	1950 4,300	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	7350 15,800	*5300 *11,400	4000 8,550	*4150 *9,050	2600 5,600	*2400	1850	*2150 *4,750	1850 4,050	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6850 14,750	*6100 *13,250	3750 8,050	*4550 *9,900	2500 5,400			*2400 *5,250	1850 4,100	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6750 14,450	*6400 *13,850	3650 7,850	*4700 *10,100	2450 5,250			*2850 *6,250	2050 4,450	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6800 14,550	*5950 *12,800	3650 7,850	*3950	2500			*3800 *8,450	2450 5,450	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	*6400 *13,550							*4000 *8,800	3850 8,750	4.48 14'4"

* ISO 10567:2007

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m **25.0 ft**	kg **lb**											*2600 ***5,850**	*2600 ***5,850**	4.49 **14'1"**
6.0 m **20.0 ft**	kg **lb**							*2250	*2250			*2200 ***4,850**	*2200 ***4,850**	6.03 **19'6"**
4.5 m **15.0 ft**	kg **lb**							*3350 ***7,300**	2700 **5,800**			*2050 ***4,500**	*2050 ***4,500**	6.92 **22'6"**
3.0 m **10.0 ft**	kg **lb**			*5350 ***11,450**	*5350 ***11,450**	*4200 ***9,050**	4050 **8,750**	*3700 ***8,000**	2650 **5,650**			*2050 ***4,500**	1900 **4,100**	7.40 **24'2"**
1.5 m **5.0 ft**	kg **lb**			*8200 ***17,650**	6900 **14,800**	*5300 ***11,400**	3800 **8,150**	3700 **7,950**	2500 **5,350**	*2400	1800	*2150 ***4,750**	1750 **3,900**	7.55 **24'9"**
0 m **0 ft**	kg **lb**			*7250 ***16,750**	6400 **13,750**	5550 **11,850**	3550 **7,650**	3600 **7,700**	2400 **5,150**			*2400 ***5,250**	1800 **3,900**	7.40 **24'3"**
–1.5 m **–5.0 ft**	kg **lb**	*4350 ***9,700**	*4350 ***9,700**	*9200 ***21,000**	6300 **13,500**	5400 **11,600**	3450 **7,450**	3500 **7,550**	2350 **5,000**			*2850 ***6,250**	1950 **4,250**	6.91 **22'7"**
–3.0 m **–10.0 ft**	kg **lb**	*7450 ***16,800**	*7450 ***16,800**	*8800 ***19,050**	6350 **13,600**	5400 **11,600**	3450 **7,450**	3550	2350			3550 **7,850**	2350 **5,200**	6.02 **19'7"**
–4.5 m **–15.0 ft**	kg **lb**			*6400 ***13,550**	*6400 ***13,550**							*4000 ***8,800**	3650 **8,300**	4.48 **14'4"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m **25.0 ft**	kg **lb**											*2600 ***5,850**	*2600 ***5,850**	4.49 **14'1"**
6.0 m **20.0 ft**	kg **lb**							*2250	*2250			*2200 ***4,850**	*2200 ***4,850**	6.03 **19'6"**
4.5 m **15.0 ft**	kg **lb**							*3350 ***7,300**	2900 **6,250**			*2050 ***4,500**	*2050 ***4,500**	6.92 **22'6"**
3.0 m **10.0 ft**	kg **lb**			*5350 ***11,450**	*5350 ***11,450**	*4200 ***9,050**	*4200 ***9,050**	*3700 ***8,000**	2850 **6,050**			*2050 ***4,500**	2050 **4,450**	7.40 **24'2"**
1.5 m **5.0 ft**	kg **lb**			*8200 ***17,650**	7600 **16,300**	*5300 ***11,400**	4100 **8,850**	*4150 ***9,050**	2700 **5,800**	*2400	1950	*2150 ***4,750**	1900 **4,200**	7.55 **24'9"**
0 m **0 ft**	kg **lb**			*7250 ***16,750**	7100 **15,250**	*6100 ***13,250**	3900 **8,350**	*4550 ***9,900**	2600 **5,600**			*2400 ***5,250**	1950 **4,250**	7.40 **24'3"**
–1.5 m **–5.0 ft**	kg **lb**	*4350 ***9,700**	*4350 ***9,700**	*9200 ***21,000**	6950 **14,950**	*6400 ***13,850**	3800 **8,100**	*4700 ***10,100**	2550 **5,450**			*2850 ***6,250**	2100 **4,650**	6.91 **22'7"**
–3.0 m **–10.0 ft**	kg **lb**	*7450 ***16,800**	*7450 ***16,800**	*8800 ***19,050**	7050 **15,050**	*5950 ***12,800**	3800 **8,100**	*3950	2550			*3800 ***8,450**	2550 **5,650**	6.02 **19'7"**
–4.5 m **–15.0 ft**	kg **lb**			*6400 ***13,550**	*6400 ***13,550**							*4000 ***8,800**	3950 ***8,800**	4.48 **14'4"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2600 mm (8'6") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m **25.0 ft**	kg **lb**											*2600 ***5,850**	*2600 ***5,850**	4.49 **14'1"**
6.0 m **20.0 ft**	kg **lb**							*2250	*2250			*2200 ***4,850**	*2200 ***4,850**	6.03 **19'6"**
4.5 m **15.0 ft**	kg **lb**							*3350 ***7,300**	2700 **5,750**			*2050 ***4,500**	*2050 ***4,500**	6.92 **22'6"**
3.0 m **10.0 ft**	kg **lb**			*5350 ***11,450**	*5350 ***11,450**	*4200 ***9,050**	4000 **8,650**	*3700 ***8,000**	2600 **5,550**			*2050 ***4,500**	1850 **4,050**	7.40 **24'2"**
1.5 m **5.0 ft**	kg **lb**			*8200 ***17,650**	6800 **14,650**	*5300 ***11,400**	3750 **8,050**	3650 **7,800**	2500 **5,300**	*2400	1750	*2150 ***4,750**	1750 **3,850**	7.55 **24'9"**
0 m **0 ft**	kg **lb**			*7250 ***16,750**	6350 **13,600**	5450 **11,650**	3550 **7,550**	3500 **7,550**	2350 **5,100**			*2400 ***5,250**	1750 **3,850**	7.40 **24'3"**
–1.5 m **–5.0 ft**	kg **lb**	*4350 ***9,700**	*4350 ***9,700**	*9200 ***21,000**	6200 **13,350**	5300 **11,400**	3400 **7,350**	3450 **7,400**	2300 **4,950**			*2850 ***6,250**	1900 **4,200**	6.91 **22'7"**
–3.0 m **–10.0 ft**	kg **lb**	*7450 ***16,800**	*7450 ***16,800**	*8800 ***19,050**	6250 **13,450**	5300 **11,400**	3400 **7,350**	3500	2350			3450 **7,700**	2350 **5,150**	6.02 **19'7"**
–4.5 m **–15.0 ft**	kg **lb**			*6400 ***13,550**	*6400 ***13,550**							*4000 ***8,800**	3600 **8,200**	4.48 **14'4"**

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2600 mm (8'6") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m **25.0 ft**	kg **lb**											*2600 ***5,850**	*2600 ***5,850**	4.49 **14'1"**
6.0 m **20.0 ft**	kg **lb**							*2250	*2250			*2200 ***4,850**	*2200 ***4,850**	6.03 **19'6"**
4.5 m **15.0 ft**	kg **lb**							*3350 ***7,300**	2950 **6,300**			*2050 ***4,500**	*2050 ***4,500**	6.92 **22'6"**
3.0 m **10.0 ft**	kg **lb**			*5350 ***11,450**	*5350 ***11,450**	*4200 ***9,050**	*4200 ***9,050**	*3700 ***8,000**	2850 **6,100**			*2050 ***4,500**	2050 **4,500**	7.40 **24'2"**
1.5 m **5.0 ft**	kg **lb**			*8200 ***17,650**	7700 **16,550**	*5300 ***11,400**	4150 **8,950**	*4150 ***9,050**	2750 **5,850**	*2400	1950	*2150 ***4,750**	1950 **4,250**	7.55 **24'9"**
0 m **0 ft**	kg **lb**			*7250 ***16,750**	7200 **15,450**	*6100 ***13,250**	3950 **8,450**	*4550 ***9,900**	2650 **5,650**			*2400 ***5,250**	1950 **4,300**	7.40 **24'3"**
–1.5 m **–5.0 ft**	kg **lb**	*4350 ***9,700**	*4350 ***9,700**	*9200 ***21,000**	7100 **15,150**	*6400 ***13,850**	3800 **8,200**	*4700 ***10,100**	2550 **5,500**			*2850 ***6,250**	2150 **4,650**	6.91 **22'7"**
–3.0 m **–10.0 ft**	kg **lb**	*7450 ***16,800**	*7450 ***16,800**	*8800 ***19,050**	7150 **15,300**	*5950 ***12,800**	3800 **8,200**	*3950	2600			*3800 ***8,450**	2600 **5,700**	6.02 **19'7"**
–4.5 m **–15.0 ft**	kg **lb**			*6400 ***13,550**	*6400 ***13,550**							*4000 ***8,800**	4000 ***8,800**	4.48 **14'4"**

* **ISO 10567:2007**

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2700 5,800			*2050 *4,500	*2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	4050 8,750	*3700 *8,000	2650 5,650			*2050 *4,500	1900 4,150	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6900 14,800	*5300 *11,400	3800 8,150	3700 7,900	2500 5,400	*2400	1800	*2150 *4,750	1800 3,900	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6450 13,800	5500 11,800	3550 7,700	3550 7,650	2400 5,150			*2400 *5,250	1800 3,900	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6300 13,500	5400 11,550	3450 7,450	3500 7,550	2350 5,050			*2850 *6,250	1950 4,300	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6350 13,650	5400 11,550	3450 7,450	3550	2350			3500 7,800	2350 5,250	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	*6400 *13,550							*4000 *8,800	3650 8,300	4.48 14'4"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	3050 6,500			*2050 *4,500	*2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	*4200 *9,050	*3700 *8,000	2950 6,350			*2050 *4,500	*2050 *4,500	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	8000 17,200	*5300 *11,400	4300 9,250	*4150 *9,050	2850 6,050	*2400	2050	*2150 *4,750	2000 4,400	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	*7250 16,100	*6100 *13,250	4050 8,750	*4550 *9,900	2700 5,850			*2400 *5,250	2050 4,450	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	7400 15,800	*6400 *13,850	3950 8,500	*4700 *10,100	2650 5,700			*2850 *6,250	2200 4,850	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	7450 15,950	*5950 *12,800	3950 8,500	*3950	2700			*3800 *8,450	2700 5,950	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	*6400 *13,550							*4000 *8,800	*4000 *8,800	4.48 14'4"

* ISO 10567:2007

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	2750 5,850			*2050 *4,500	*2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	4100 8,850	*3700 *8,000	2650 5,700			*2050 *4,500	1900 4,150	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	6950 14,950	*5300 *11,400	3850 8,250	3750 8,000	2550 5,450	*2400	1800	*2150 *4,750	1800 3,950	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	6500 13,950	5550 11,950	3600 7,750	3600 7,750	2450 5,200			*2400 *5,250	1800 3,950	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	6350 13,650	5450 11,700	3500 7,550	3550 7,600	2350 5,100			*2850 *6,250	1950 4,300	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	6400 13,750	5450 11,700	3500 7,550	3600	2400			3550 7,900	2400 5,300	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	*6400 *13,550							*4000 *8,800	3700 8,400	4.48 14'4"

Reach Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
														m ft/in
7.5 m 25.0 ft	kg lb											*2600 *5,850	*2600 *5,850	4.49 14'1"
6.0 m 20.0 ft	kg lb							*2250	*2250			*2200 *4,850	*2200 *4,850	6.03 19'6"
4.5 m 15.0 ft	kg lb							*3350 *7,300	3050 6,550			*2050 *4,500	*2050 *4,500	6.92 22'6"
3.0 m 10.0 ft	kg lb			*5350 *11,450	*5350 *11,450	*4200 *9,050	*4200 *9,050	*3700 *8,000	3000 6,400			*2050 *4,500	*2050 *4,500	7.40 24'2"
1.5 m 5.0 ft	kg lb			*8200 *17,650	8050 17,350	*5300 *11,400	4350 9,350	*4150 *9,050	2850 6,150	*2400	2050	*2150 *4,750	2050 4,450	7.55 24'9"
0 m 0 ft	kg lb			*7250 *16,750	*7250 16,250	*6100 *13,250	4100 8,850	*4550 *9,900	2750 5,900			*2400 *5,250	2050 4,500	7.40 24'3"
–1.5 m –5.0 ft	kg lb	*4350 *9,700	*4350 *9,700	*9200 *21,000	7450 15,950	*6400 *13,850	4000 8,600	*4700 *10,100	2700 5,800			*2850 *6,250	2250 4,900	6.91 22'7"
–3.0 m –10.0 ft	kg lb	*7450 *16,800	*7450 *16,800	*8800 *19,050	7500 16,100	*5950 *12,800	4000 8,600	*3950	2700			*3800 *8,450	2700 6,000	6.02 19'7"
–4.5 m –15.0 ft	kg lb			*6400 *13,550	*6400 *13,550							*4000 *8,800	*4000 *8,800	4.48 14'4"

* ISO 10567:2007

* 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.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
7.5 m	kg	*4650	*4650					*3700	*3700	3.36
25.0 ft	**lb**	***9,100**	***9,100**					***8,500**	***8,500**	**10'2"**
6.0 m	kg	*4650	*4650	*4550	4100			*2800	*2800	5.26
20.0 ft	**lb**	***10,300**	***10,300**	***9,700**	**8,750**			***6,250**	***6,250**	**16'11"**
4.5 m	kg	*5050	*5050	*5300	4000	3650	2500	*2550	2300	6.26
15.0 ft	**lb**	***10,900**	***10,900**	***11,450**	**8,550**	***7,200**	**5,300**	***5,650**	**5,100**	**20'4"**
3.0 m	kg	*8900	6900	5700	3750	3600	2400	*2500	1950	6.79
10.0 ft	**lb**	***19,200**	**14,900**	**12,250**	**8,000**	**7,700**	**5,150**	***5,550**	**4,300**	**22'2"**
1.5 m	kg			5350	3450	3450	2300	*2600	1850	6.95
5.0 ft	**lb**			**11,550**	**7,400**	**7,400**	**4,900**	***5,750**	**4,000**	**22'9"**
0 m	kg	*5200	*5200	5150	3250	3350	2200	2850	1850	6.79
0 ft	**lb**	***12,150**	***12,150**	**11,050**	**7,000**	**7,200**	**4,700**	**6,200**	**4,100**	**22'2"**
–1.5 m	kg	*6450	5900	*5000	3200	*3350	2200	*2900	2100	6.25
–5.0 ft	**lb**	***14,000**	**12,600**	***10,750**	**6,900**	***6,950**	**4,700**	***6,400**	**4,600**	**20'5"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
7.5 m	kg	*4650	*4650					*3700	*3700	3.36
25.0 ft	**lb**	***9,100**	***9,100**					***8,500**	***8,500**	**10'2"**
6.0 m	kg	*4650	*4650	*4550	4400			*2800	*2800	5.26
20.0 ft	**lb**	***10,300**	***10,300**	***9,700**	**9,450**			***6,250**	***6,250**	**16'11"**
4.5 m	kg	*5050	*5050	*5300	4300	*3800	2700	*2550	2500	6.26
15.0 ft	**lb**	***10,900**	***10,900**	***11,450**	**9,300**	***7,200**	**5,700**	***5,650**	**5,500**	**20'4"**
3.0 m	kg	*8900	7600	*5950	4050	*4400	2600	*2500	2150	6.79
10.0 ft	**lb**	***19,200**	**16,400**	***12,900**	**8,700**	***9,500**	**5,600**	***5,550**	**4,700**	**22'2"**
1.5 m	kg			*6300	3750	*4650	2500	*2600	2000	6.95
5.0 ft	**lb**			***13,700**	**8,050**	***10,050**	**5,350**	***5,750**	**4,400**	**22'9"**
0 m	kg	*5200	*5200	*6050	3550	*4350	2400	*2900	2050	6.79
0 ft	**lb**	***12,150**	***12,150**	***13,100**	**7,650**	***9,350**	**5,150**	***6,350**	**4,450**	**22'2"**
–1.5 m	kg	*6450	*6450	*5000	3500	*3350	2400	*2900	2300	6.25
–5.0 ft	**lb**	***14,000**	***14,000**	***10,750**	**7,550**	***6,950**	**5,150**	***6,400**	**5,000**	**20'5"**

ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2600 mm (8'6") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m 25.0 ft	kg lb	*4650 *9,100	*4650 *9,100					*3700 *8,500	*3700 *8,500	3.36 10'2"
6.0 m 20.0 ft	kg lb	*4650 *10,300	*4650 *10,300	*4550 *9,700	4150 8,900			*2800 *6,250	*2800 *6,250	5.26 16'11"
4.5 m 15.0 ft	kg lb	*5050 *10,900	*5050 *10,900	*5300 *11,450	4050 8,750	3750 *7,200	2550 5,400	*2550 *5,650	2350 5,200	6.26 20'4"
3.0 m 10.0 ft	kg lb	*8900 *19,200	7050 15,200	5800 12,500	3800 8,200	3650 7,850	2450 5,250	*2500 *5,550	2000 4,400	6.79 22'2"
1.5 m 5.0 ft	kg lb			5450 11,750	3500 7,550	3500 7,550	2350 5,000	*2600 *5,750	1900 4,100	6.95 22'9"
0 m 0 ft	kg lb	*5200 *12,150	*5200 *12,150	5250 11,300	3300 7,150	3450 7,350	2250 4,850	2900 6,350	1900 4,200	6.79 22'2"
–1.5 m –5.0 ft	kg lb	*6450 *14,000	6000 12,900	*5000 *10,750	3300 7,050	*3350 *6,950	2250 4,800	*2900 *6,400	2150 4,700	6.25 20'5"

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2600 mm (8'6") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m 25.0 ft	kg lb	*4650 *9,100	*4650 *9,100					*3700 *8,500	*3700 *8,500	3.36 10'2"
6.0 m 20.0 ft	kg lb	*4650 *10,300	*4650 *10,300	*4550 *9,700	*4550 *9,700			*2800 *6,250	*2800 *6,250	5.26 16'11"
4.5 m 15.0 ft	kg lb	*5050 *10,900	*5050 *10,900	*5300 *11,450	4500 9,650	*3800 *7,200	2800 5,950	*2550 *5,650	*2550 *5,650	6.26 20'4"
3.0 m 10.0 ft	kg lb	*8900 *19,200	7950 17,150	*5950 *12,900	4250 9,100	*4400 *9,500	2700 5,850	*2500 *5,550	2250 4,900	6.79 22'2"
1.5 m 5.0 ft	kg lb			*6300 *13,700	3900 8,450	*4650 *10,050	2600 5,600	*2600 *5,750	2100 4,600	6.95 22'9"
0 m 0 ft	kg lb	*5200 *12,150	*5200 *12,150	*6050 *13,100	3750 8,000	*4350 *9,350	2500 5,400	*2900 *6,350	2150 4,650	6.79 22'2"
–1.5 m –5.0 ft	kg lb	*6450 *14,000	*6450 *14,000	*5000 *10,750	3700 7,900	*3350 *6,950	2500 5,400	*2900 *6,400	2400 5,250	6.25 20'5"

* ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4650 ***9,100**	*4650 ***9,100**					*3700 ***8,500**	*3700 ***8,500**	3.36 **10'2"**
6.0 m **20.0 ft**	kg **lb**	*4650 ***10,300**	*4650 ***10,300**	*4550 ***9,700**	4200 **9,000**			*2800 ***6,250**	*2800 ***6,250**	5.26 **16'11"**
4.5 m **15.0 ft**	kg **lb**	*5050 ***10,900**	*5050 ***10,900**	*5300 ***11,450**	4100 **8,850**	*3800 ***7,200**	2550 **5,450**	*2550 ***5,650**	2400 **5,250**	6.26 **20'4"**
3.0 m **10.0 ft**	kg **lb**	*8900 ***19,200**	7150 **15,400**	5900 **12,650**	3850 **8,300**	3700 **7,950**	2500 **5,350**	*2500 ***5,550**	2050 **4,450**	6.79 **22'2"**
1.5 m **5.0 ft**	kg **lb**			5550 **11,900**	3550 **7,650**	3550 **7,650**	2350 **5,100**	*2600 ***5,750**	1900 **4,200**	6.95 **22'9"**
0 m **0 ft**	kg **lb**	*5200 ***12,150**	*5200 ***12,150**	5350 **11,450**	3350 **7,250**	3500 **7,450**	2300 **4,900**	*2900 ***6,350**	1950 **4,250**	6.79 **22'2"**
–1.5 m **–5.0 ft**	kg **lb**	*6450 ***14,000**	6100 **13,100**	*5000 ***10,750**	3350 **7,150**	*3350 ***6,950**	2300 **4,900**	*2900 ***6,400**	2150 **4,750**	6.25 **20'5"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4650 ***9,100**	*4650 ***9,100**					*3700 ***8,500**	*3700 ***8,500**	3.36 **10'2"**
6.0 m **20.0 ft**	kg **lb**	*4650 ***10,300**	*4650 ***10,300**	*4550 ***9,700**	*4550 ***9,700**			*2800 ***6,250**	*2800 ***6,250**	5.26 **16'11"**
4.5 m **15.0 ft**	kg **lb**	*5050 ***10,900**	*5050 ***10,900**	*5300 ***11,450**	4650 **10,000**	*3800 ***7,200**	2900 **6,200**	*2550 ***5,650**	*2550 ***5,650**	6.26 **20'4"**
3.0 m **10.0 ft**	kg **lb**	*8900 ***19,200**	8300 **17,850**	*5950 ***12,900**	4400 **9,400**	*4400 ***9,500**	2800 **6,050**	*2500 ***5,550**	2300 **5,100**	6.79 **22'2"**
1.5 m **5.0 ft**	kg **lb**			*6300 ***13,700**	4050 **8,750**	*4650 ***10,050**	2700 **5,800**	*2600 ***5,750**	2150 **4,750**	6.95 **22'9"**
0 m **0 ft**	kg **lb**	*5200 ***12,150**	*5200 ***12,150**	*6050 ***13,100**	3900 **8,350**	*4350 ***9,350**	2600 **5,600**	*2900 ***6,350**	2200 **4,850**	6.79 **22'2"**
–1.5 m **–5.0 ft**	kg **lb**	*6450 ***14,000**	*6450 ***14,000**	*5000 ***10,750**	3850 **8,250**	*3350 ***6,950**	2600 **5,600**	*2900 ***6,400**	2450 **5,450**	6.25 **20'5"**

* **ISO 10567:2007**

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m 25.0 ft	kg lb	*4650 *9,100	*4650 *9,100					*3700 *8,500	*3700 *8,500	3.36 10'2"
6.0 m 20.0 ft	kg lb	*4650 *10,300	*4650 *10,300	*4550 *9,700	4250 9,100			*2800 *6,250	*2800 *6,250	5.26 16'11"
4.5 m 15.0 ft	kg lb	*5050 *10,900	*5050 *10,900	*5300 *11,450	4150 8,900	*3800 *7,200	2600 5,550	*2550 *5,650	2400 5,300	6.26 20'4"
3.0 m 10.0 ft	kg lb	*8900 *19,200	7200 15,500	5950 12,750	3900 8,350	3750 8,050	2500 5,400	*2500 *5,550	2050 4,500	6.79 22'2"
1.5 m 5.0 ft	kg lb			5600 12,050	3600 7,750	3600 7,750	2400 5,150	*2600 *5,750	1950 4,250	6.95 22'9"
0 m 0 ft	kg lb	*5200 *12,150	*5200 *12,150	5400 11,550	3400 7,350	3500 7,550	2300 4,950	*2900 *6,350	1950 4,300	6.79 22'2"
–1.5 m –5.0 ft	kg lb	*6450 *14,000	6150 13,200	*5000 *10,750	3350 7,250	*3350 *6,950	2300 4,950	*2900 *6,400	2200 4,800	6.25 20'5"

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m 25.0 ft	kg lb	*4650 *9,100	*4650 *9,100					*3700 *8,500	*3700 *8,500	3.36 10'2"
6.0 m 20.0 ft	kg lb	*4650 *10,300	*4650 *10,300	*4550 *9,700	*4550 *9,700			*2800 *6,250	*2800 *6,250	5.26 16'11"
4.5 m 15.0 ft	kg lb	*5050 *10,900	*5050 *10,900	*5300 *11,450	4700 10,050	*3800 *7,200	2950 6,250	*2550 *5,650	*2550 *5,650	6.26 20'4"
3.0 m 10.0 ft	kg lb	*8900 *19,200	8350 18,000	*5950 *12,900	4400 9,500	*4400 *9,500	2850 6,100	*2500 *5,550	2350 5,150	6.79 22'2"
1.5 m 5.0 ft	kg lb			*6300 *13,700	4100 8,850	*4650 *10,050	2750 5,850	*2600 *5,750	2200 4,800	6.95 22'9"
0 m 0 ft	kg lb	*5200 *12,150	*5200 *12,150	*6050 *13,100	3900 8,450	*4350 *9,350	2650 5,650	*2900 *6,350	2250 4,900	6.79 22'2"
–1.5 m –5.0 ft	kg lb	*6450 *14,000	*6450 *14,000	*5000 *10,750	3900 8,350	*3350 *6,950	2650 5,650	*2900 *6,400	2500 5,500	6.25 20'5"

ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4050 **8,750**	3750 ***8,000**	2550 **5,450**	*2200 ***4,850**	2150 **4,750**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7150 **15,400**	5800 **12,450**	3800 **8,200**	3650 **7,800**	2450 **5,250**	*2200 ***4,800**	1850 **4,100**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5450 **11,700**	3500 **7,550**	3500 **7,500**	2350 **5,000**	*2250 ***4,950**	1750 **3,850**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 **12,650**	5200 **11,200**	3300 **7,100**	3400 **7,300**	2250 **4,750**	*2500 ***5,450**	1800 **3,900**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	5900 **12,650**	5150 **11,000**	3250 **6,950**	3350 **7,200**	2200 **4,700**	*2900 ***6,400**	1950 **4,300**	6.57 **21'6"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4400 **9,450**	*3850 ***8,000**	2750 **5,850**	*2200 ***4,850**	*2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7850 **16,900**	*5850 ***12,550**	4150 **8,900**	*4300 ***9,250**	2650 **5,700**	*2200 ***4,800**	2000 **4,450**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			*6300 ***13,650**	3800 **8,200**	*4650 ***10,050**	2550 **5,400**	*2250 ***4,950**	1900 **4,200**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 ***13,200**	*6200 ***13,400**	3600 **7,750**	*4500 ***9,650**	2450 **5,200**	*2500 ***5,450**	1950 **4,250**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	6550 **14,050**	*5300 ***11,450**	3550 **7,600**	*3700 ***7,850**	2400 **5,150**	*2900 ***6,400**	2150 **4,700**	6.57 **21'6"**

ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2600 mm (8'6") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4150 **8,900**	3800 ***8,000**	2600 **5,550**	*2200 ***4,850**	2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7250 **15,650**	*5850 ***12,550**	3900 **8,350**	3700 **7,950**	2500 **5,350**	*2200 ***4,800**	1900 **4,200**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5550 **11,900**	3600 **7,700**	3550 **7,650**	2400 **5,100**	*2250 ***4,950**	1800 **3,950**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 **12,950**	5300 **11,400**	3350 **7,250**	3450 **7,400**	2300 **4,900**	*2500 ***5,450**	1800 **4,000**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	6050 **12,900**	5250 **11,200**	3300 **7,100**	3400 **7,350**	2250 **4,800**	*2900 ***6,400**	2000 **4,400**	6.57 **21'6"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2600 mm (8'6") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	*4550 **9,850**	*3850 ***8,000**	2850 **6,100**	*2200 ***4,850**	*2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	8200 **17,650**	*5850 ***12,550**	4300 **9,250**	*4300 ***9,250**	2750 **5,950**	*2200 ***4,800**	2100 **4,650**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			*6300 ***13,650**	4000 **8,600**	*4650 ***10,050**	2650 **5,650**	*2250 ***4,950**	2000 **4,350**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 ***13,200**	*6200 ***13,400**	3800 **8,150**	*4500 ***9,650**	2550 **5,450**	*2500 ***5,450**	2050 **4,450**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	6900 **14,800**	*5300 ***11,450**	3700 **7,950**	*3700 ***7,850**	2500 **5,400**	*2900 ***6,400**	2250 **4,900**	6.57 **21'6"**

* **ISO 10567:2007**

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4200 **9,000**	*3850 ***8,000**	2650 **5,600**	*2200 ***4,850**	*2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7350 **15,850**	*5850 ***12,550**	3950 **8,450**	3750 **8,050**	2550 **5,450**	*2200 ***4,800**	1950 **4,250**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5650 **12,100**	3650 **7,800**	3600 **7,750**	2400 **5,200**	*2250 ***4,950**	1800 **4,000**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 **13,150**	5400 **11,550**	3400 **7,350**	3500 **7,550**	2300 **4,950**	*2500 ***5,450**	1850 **4,050**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	6100 **13,100**	5300 **11,400**	3350 **7,200**	3450 **7,450**	2300 **4,900**	*2900 ***6,400**	2050 **4,500**	6.57 **21'6"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	*4550 ***9,900**	*3850 ***8,000**	2950 **6,350**	*2200 ***4,850**	*2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	8500 **18,350**	*5850 ***12,550**	4450 **9,600**	*4300 ***9,250**	2850 **6,150**	*2200 ***4,800**	*2200 ***4,800**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			*6300 ***13,650**	4150 **8,900**	*4650 ***10,050**	2750 **5,900**	*2250 ***4,950**	2050 **4,550**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 ***13,200**	*6200 ***13,400**	3950 **8,450**	*4500 ***9,650**	2650 **5,650**	*2500 ***5,450**	2100 **4,600**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	*7150 **15,400**	*5300 ***11,450**	3850 **8,300**	*3700 ***7,850**	2600 **5,600**	*2900 ***6,400**	2300 **5,100**	6.57 **21'6"**

ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	4250 **9,100**	*3850 ***8,000**	2650 **5,650**	*2200 ***4,850**	*2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	7450 **16,000**	*5850 ***12,550**	3950 **8,550**	3800 **8,150**	2550 **5,500**	*2200 ***4,800**	1950 **4,300**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			5700 **12,200**	3650 **7,900**	3650 **7,850**	2450 **5,250**	*2250 ***4,950**	1850 **4,050**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 ***13,200**	5450 **11,700**	3450 **7,450**	3550 **7,600**	2350 **5,000**	*2500 ***5,450**	1850 **4,100**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	6200 **13,250**	*5300 ***11,450**	3400 **7,300**	3500 **7,550**	2300 **4,950**	*2900 ***6,400**	2050 **4,550**	6.57 **21'6"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft				
										m ft/in
7.5 m **25.0 ft**	kg **lb**	*4450 ***9,550**	*4450 ***9,550**					*3000 ***6,850**	*3000 ***6,850**	3.93 **12'2"**
6.0 m **20.0 ft**	kg **lb**	*4000 ***8,850**	*4000 ***8,850**	*4100 ***8,900**	*4100 ***8,900**			*2400 ***5,350**	*2400 ***5,350**	5.63 **18'2"**
4.5 m **15.0 ft**	kg **lb**	*4100 ***9,000**	*4100 ***9,000**	*4550 ***9,900**	*4550 ***9,900**	*3850 ***8,000**	3000 **6,400**	*2200 ***4,850**	*2200 ***4,850**	6.57 **21'5"**
3.0 m **10.0 ft**	kg **lb**	*8550 ***18,400**	*8550 ***18,400**	*5850 ***12,550**	4500 **9,700**	*4300 ***9,250**	2900 **6,200**	*2200 ***4,800**	*2200 ***4,800**	7.08 **23'2"**
1.5 m **5.0 ft**	kg **lb**			*6300 ***13,650**	4200 **9,000**	*4650 ***10,050**	2750 **5,950**	*2250 ***4,950**	2100 **4,600**	7.24 **23'8"**
0 m **0 ft**	kg **lb**	*5700 ***13,200**	*5700 ***13,200**	*6200 ***13,400**	3950 **8,550**	*4500 ***9,650**	2650 **5,700**	*2500 ***5,450**	2150 **4,650**	7.08 **23'2"**
–1.5 m **–5.0 ft**	kg **lb**	*7150 ***15,500**	*7150 ***15,500**	*5300 ***11,450**	3900 **8,350**	*3700 ***7,850**	2650 **5,650**	*2900 ***6,400**	2350 **5,150**	6.57 **21'6"**

* **ISO 10567:2007**

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2500 mm (8'2") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m	kg	*3800	*3800	*2950	*2950					*2400	*2400	4.74
25.0 ft	lb	*8,350	*8,350	*5,450	*5,450					*5,400	*5,400	15'0"
6.0 m	kg			*3450	*3450	*2600	2600			*2000	*2000	6.22
20.0 ft	lb			*7,550	*7,550	*4,850	*4,850			*4,450	*4,450	20'1"
4.5 m	kg	*3050	*3050	*3600	*3600	*3500	2600			*1900	*1900	7.09
15.0 ft	lb	*6,750	*6,750	*7,900	*7,900	*7,550	5,550			*4,150	*4,150	23'1"
3.0 m	kg	*6050	*6050	*4950	3900	3700	2500	*2100	1700	*1850	1700	7.56
10.0 ft	lb	*12,500	*12,500	*10,700	8,350	7,900	5,300			*4,100	3,700	24'8"
1.5 m	kg			5500	3550	3500	2350	2500	1650	*1950	1600	7.70
5.0 ft	lb	*20,600	13,850	11,850	7,650	7,550	5,000	*5,100	3,500	*4,250	3,450	25'3"
0 m	kg	*6400	5900	5200	3300	3400	2200	*2400	1600	*2100	1600	7.55
0 ft	lb	*14,800	12,700	11,200	7,100	7,250	4,750			*4,600	3,500	24'9"
–1.5 m	kg	*8000	5800	5100	3200	3300	2150			*2450	1750	7.08
–5.0 ft	lb	*17,350	12,450	10,900	6,850	7,100	4,600			*5,400	3,800	23'2"
–3.0 m	kg	*5500	*5500	*4150	3200	*2550	2200			*2400	2150	6.10
–10.0 ft	lb	*11,850	*11,850	*8,800	6,850					*5,350	4,800	19'8"

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2500 mm (8'2") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m	kg	*3800	*3800	*2950	*2950					*2400	*2400	4.74
25.0 ft	lb	*8,350	*8,350	*5,450	*5,450					*5,400	*5,400	15'0"
6.0 m	kg			*3450	*3450	*2600	*2600			*2000	*2000	6.22
20.0 ft	lb			*7,550	*7,550	*4,850	*4,850			*4,450	*4,450	20'1"
4.5 m	kg	*3050	*3050	*3600	*3600	*3500	2800			*1900	*1900	7.09
15.0 ft	lb	*6,750	*6,750	*7,900	*7,900	*7,550	6,000			*4,150	*4,150	23'1"
3.0 m	kg	*6050	*6050	*4950	4200	*4050	2700	*2100	1850	*1850	1800	7.56
10.0 ft	lb	*12,500	*12,500	*10,700	9,050	*8,750	5,750			*4,100	4,000	24'8"
1.5 m	kg			*6150	3900	*4450	2550	*2800	1800	*1950	1700	7.70
5.0 ft	lb	*20,600	15,350	*13,250	8,350	*9,550	5,450	*5,100	3,850	*4,250	3,750	25'3"
0 m	kg	*6400	*6400	*6250	3600	*4550	2400	*2400	1750	*2100	1750	7.55
0 ft	lb	*14,800	14,150	*13,550	7,750	*9,800	5,150			*4,600	3,800	24'9"
–1.5 m	kg	*8000	6450	*5650	3500	*4050	2350			*2450	1900	7.08
–5.0 ft	lb	*17,350	13,850	*12,150	7,500	*8,600	5,050			*5,400	4,150	23'2"
–3.0 m	kg	*5500	*5500	*4150	3500	*2550	2400			*2400	2350	6.10
–10.0 ft	lb	*11,850	*11,850	*8,800	7,550					*5,350	5,200	19'8"

* ISO 10567:2007

* 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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2600 mm (8'6") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m	kg	*3800	*3800	*2950	*2950					*2400	*2400	4.74
25.0 ft	lb	*8,350	*8,350	*5,450	*5,450					*5,400	*5,400	15'0"
6.0 m	kg			*3450	*3450	*2600	*2600			*2000	*2000	6.22
20.0 ft	lb			*7,550	*7,550	*4,850	*4,850			*4,450	*4,450	20'1"
4.5 m	kg	*3050	*3050	*3600	*3600	*3500	2650			*1900	*1900	7.09
15.0 ft	lb	*6,750	*6,750	*7,900	*7,900	*7,550	5,650			*4,150	*4,150	23'1"
3.0 m	kg	*6050	*6050	*4950	3950	3750	2550	*2100	1750	*1850	1700	7.56
10.0 ft	lb	*12,500	*12,500	*10,700	8,550	8,050	5,450			*4,100	3,750	24'8"
1.5 m	kg			5600	3650	3600	2400	2550	1700	*1950	1600	7.70
5.0 ft	lb	*20,600	14,150	12,050	7,800	7,700	5,100	*5,100	3,600	*4,250	3,550	25'3"
0 m	kg	*6400	6050	5300	3400	3450	2250	*2400	1650	*2100	1650	7.55
0 ft	lb	*14,800	13,000	11,400	7,250	7,400	4,850			*4,600	3,550	24'9"
–1.5 m	kg	*8000	5950	5200	3250	3400	2200			*2450	1800	7.08
–5.0 ft	lb	*17,350	12,750	11,100	7,000	7,250	4,700			*5,400	3,900	23'2"
–3.0 m	kg	*5500	*5500	*4150	3250	*2550	2250			*2400	2200	6.10
–10.0 ft	lb	*11,850	*11,850	*8,800	7,050					*5,350	4,900	19'8"

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2600 mm (8'6") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m	kg	*3800	*3800	*2950	*2950					*2400	*2400	4.74
25.0 ft	lb	*8,350	*8,350	*5,450	*5,450					*5,400	*5,400	15'0"
6.0 m	kg			*3450	*3450	*2600	*2600			*2000	*2000	6.22
20.0 ft	lb			*7,550	*7,550	*4,850	*4,850			*4,450	*4,450	20'1"
4.5 m	kg	*3050	*3050	*3600	*3600	*3500	2900			*1900	*1900	7.09
15.0 ft	lb	*6,750	*6,750	*7,900	*7,900	*7,550	6,250			*4,150	*4,150	23'1"
3.0 m	kg	*6050	*6050	*4950	4400	*4050	2800	*2100	1950	*1850	*1850	7.56
10.0 ft	lb	*12,500	*12,500	*10,700	9,450	*8,750	6,000			*4,100	*4,100	24'8"
1.5 m	kg			*6150	4050	*4450	2650	*2800	1900	*1950	1800	7.70
5.0 ft	lb	*20,600	16,100	*13,250	8,700	*9,550	5,700	*5,100	4,000	*4,250	3,950	25'3"
0 m	kg	*6400	*6400	*6250	3800	*4550	2550	*2400	1850	*2100	1800	7.55
0 ft	lb	*14,800	*14,800	*13,550	8,150	*9,800	5,400			*4,600	4,000	24'9"
–1.5 m	kg	*8000	6800	*5650	3650	*4050	2450			*2450	2000	7.08
–5.0 ft	lb	*17,350	14,600	*12,150	7,850	*8,600	5,300			*5,400	4,350	23'2"
–3.0 m	kg	*5500	*5500	*4150	3700	*2550	2500			*2400	*2400	6.10
–10.0 ft	lb	*11,850	*11,850	*8,800	7,900					*5,350	*5,350	19'8"

* ISO 10567:2007

*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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m	kg	*3800	*3800	*2950	*2950					*2400	*2400	4.74
25.0 ft	lb	*8,350	*8,350	*5,450	*5,450					*5,400	*5,400	15'0"
6.0 m	kg			*3450	*3450	*2600	*2600			*2000	*2000	6.22
20.0 ft	lb			*7,550	*7,550	*4,850	*4,850			*4,450	*4,450	20'1"
4.5 m	kg	*3050	*3050	*3600	*3600	*3500	2700			*1900	*1900	7.09
15.0 ft	lb	*6,750	*6,750	*7,900	*7,900	*7,550	5,750			*4,150	*4,150	23'1"
3.0 m	kg	*6050	*6050	*4950	4000	3800	2550	*2100	1750	*1850	1750	7.56
10.0 ft	lb	*12,500	*12,500	*10,700	8,650	8,150	5,500			*4,100	3,850	24'8"
1.5 m	kg			5700	3700	3650	2400	2550	1700	*1950	1650	7.70
5.0 ft	lb	*20,600	14,350	12,200	7,900	7,800	5,200	*5,100	3,650	*4,250	3,600	25'3"
0 m	kg	*6400	6150	5400	3450	3500	2300	*2400	1650	*2100	1650	7.55
0 ft	lb	*14,800	13,200	11,600	7,350	7,500	4,950			*4,600	3,650	24'9"
–1.5 m	kg	*8000	6050	5250	3300	3450	2250			*2450	1800	7.08
–5.0 ft	lb	*17,350	12,900	11,300	7,100	7,350	4,800			*5,400	3,950	23'2"
–3.0 m	kg	*5500	*5500	*4150	3300	*2550	2250			*2400	2250	6.10
–10.0 ft	lb	*11,850	*11,850	*8,800	7,150					*5,350	4,950	19'8"

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft/in
7.5 m	kg	*3800	*3800	*2950	*2950					*2400	*2400	4.74
25.0 ft	lb	*8,350	*8,350	*5,450	*5,450					*5,400	*5,400	15'0"
6.0 m	kg			*3450	*3450	*2600	*2600			*2000	*2000	6.22
20.0 ft	lb			*7,550	*7,550	*4,850	*4,850			*4,450	*4,450	20'1"
4.5 m	kg	*3050	*3050	*3600	*3600	*3500	3000			*1900	*1900	7.09
15.0 ft	lb	*6,750	*6,750	*7,900	*7,900	*7,550	6,450			*4,150	*4,150	23'1"
3.0 m	kg	*6050	*6050	*4950	4550	*4050	2900	*2100	2000	*1850	*1850	7.56
10.0 ft	lb	*12,500	*12,500	*10,700	9,750	*8,750	6,200			*4,100	*4,100	24'8"
1.5 m	kg			*6150	4200	*4450	2750	*2800	1950	*1950	1850	7.70
5.0 ft	lb	*20,600	16,750	*13,250	9,050	*9,550	5,900	*5,100	4,200	*4,250	4,100	25'3"
0 m	kg	*6400	*6400	*6250	3950	*4550	2600	*2400	1900	*2100	1900	7.55
0 ft	lb	*14,800	*14,800	*13,550	8,450	*9,800	5,650			*4,600	4,150	24'9"
–1.5 m	kg	*8000	7100	*5650	3800	*4050	2550			*2450	2050	7.08
–5.0 ft	lb	*17,350	15,250	*12,150	8,200	*8,600	5,500			*5,400	4,500	23'2"
–3.0 m	kg	*5500	*5500	*4150	3850	*2550	*2550			*2400	*2400	6.10
–10.0 ft	lb	*11,850	*11,850	*8,800	8,250					*5,350	*5,350	19'8"

* ISO 10567:2007

*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.

Max length of VAB.

Lift capacity stays with ±5% for all available track shoes.

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

313 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Up

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft/in
7.5 m **25.0 ft**	kg **lb**	*3800 ***8,350**	*3800 ***8,350**	*2950 ***5,450**	*2950 ***5,450**					*2400 ***5,400**	*2400 ***5,400**	4.74 **15'0"**
6.0 m **20.0 ft**	kg **lb**			*3450 ***7,550**	*3450 ***7,550**	*2600 ***4,850**	*2600 ***4,850**			*2000 ***4,450**	*2000 ***4,450**	6.22 **20'1"**
4.5 m **15.0 ft**	kg **lb**	*3050 ***6,750**	*3050 ***6,750**	*3600 ***7,900**	*3600 ***7,900**	*3500 ***7,550**	2700 **5,800**			*1900 ***4,150**	*1900 ***4,150**	7.09 **23'1"**
3.0 m **10.0 ft**	kg **lb**	*6050 ***12,500**	*6050 ***12,500**	*4950 ***10,700**	4050 **8,700**	3850 **8,200**	2600 **5,550**	*2100	1800	*1850 ***4,100**	1750 **3,850**	7.56 **24'8"**
1.5 m **5.0 ft**	kg **lb**	 ***20,600**	 **14,500**	5750 **12,350**	3700 **8,000**	3650 **7,900**	2450 **5,250**	2600 ***5,100**	1750 **3,700**	*1950 ***4,250**	1650 **3,650**	7.70 **25'3"**
0 m **0 ft**	kg **lb**	*6400 ***14,800**	6200 **13,300**	5450 **11,700**	3450 **7,450**	3550 **7,600**	2350 **5,000**	*2400	1700	*2100 ***4,600**	1700 **3,650**	7.55 **24'9"**
–1.5 m **–5.0 ft**	kg **lb**	*8000 ***17,350**	6100 **13,050**	5300 **11,400**	3350 **7,200**	3450 **7,450**	2250 **4,850**			*2450 ***5,400**	1850 **4,000**	7.08 **23'2"**
–3.0 m **–10.0 ft**	kg **lb**	*5500 ***11,850**	*5500 ***11,850**	*4150 ***8,800**	3350 **7,200**	*2550	2300			*2400 ***5,350**	2250 **5,050**	6.10 **19'8"**

Variable Angle Boom Lift Capacities – Counterweight: 2.47 mt (5,445 lb) – without Bucket – Blade Down

2700 mm (8'10") Blade

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft/in
7.5 m **25.0 ft**	kg **lb**	*3800 ***8,350**	*3800 ***8,350**	*2950 ***5,450**	*2950 ***5,450**					*2400 ***5,400**	*2400 ***5,400**	4.74 **15'0"**
6.0 m **20.0 ft**	kg **lb**			*3450 ***7,550**	*3450 ***7,550**	*2600 ***4,850**	*2600 ***4,850**			*2000 ***4,450**	*2000 ***4,450**	6.22 **20'1"**
4.5 m **15.0 ft**	kg **lb**	*3050 ***6,750**	*3050 ***6,750**	*3600 ***7,900**	*3600 ***7,900**	*3500 ***7,550**	3050 **6,500**			*1900 ***4,150**	*1900 ***4,150**	7.09 **23'1"**
3.0 m **10.0 ft**	kg **lb**	*6050 ***12,500**	*6050 ***12,500**	*4950 ***10,700**	4600 **9,850**	*4050 ***8,750**	2950 **6,300**	*2100	2050	*1850 ***4,100**	*1850 ***4,100**	7.56 **24'8"**
1.5 m **5.0 ft**	kg **lb**	 ***20,600**	 **16,900**	*6150 ***13,250**	4250 **9,100**	*4450 ***9,550**	2800 **5,950**	*2800 ***5,100**	2000 **4,200**	*1950 ***4,250**	1900 **4,150**	7.70 **25'3"**
0 m **0 ft**	kg **lb**	*6400 ***14,800**	*6400 ***14,800**	*6250 ***13,550**	3950 **8,550**	*4550 ***9,800**	2650 **5,700**	*2400	1950	*2100 ***4,600**	1900 **4,200**	7.55 **24'9"**
–1.5 m **–5.0 ft**	kg **lb**	*8000 ***17,350**	7200 **15,400**	*5650 ***12,150**	3850 **8,300**	*4050 ***8,600**	2600 **5,550**			*2450 ***5,400**	2100 **4,550**	7.08 **23'2"**
–3.0 m **–10.0 ft**	kg **lb**	*5500 ***11,850**	*5500 ***11,850**	*4150 ***8,800**	3850 **8,300**	*2550	*2550			*2400 ***5,350**	*2400 ***5,350**	6.10 **19'8"**

*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.

Max Length of VAB.

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

Bucket Specifications and Compatibility – Europe

		Width		Capacity		Weight		Fill	2.47 mt (5,445 lb) Counterweight					
									Reach Boom			Variable Angle Boom		
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.2 (7'3")	R2.5 (8'2")	R3.0 (9'10")	R2.2 (7'3")	R2.5 (8'2")	R3.0 (9'10")
Pin-On (No Quick Coupler)														
General Duty	312	600	24	0.31	0.40	316	696	100	●	●	●	●	●	●
	312	900	36	0.53	0.69	414	914	100	●	●	●	●	●	⦿
	312	1000	39	0.60	0.78	438	967	100	●	●	●	●	●	⦿
	312	1100	43	0.68	0.89	474	1,045	100	●	●	⦿	⦿	⦿	⊖
General Duty (without Adjuster GP)	312	450	18	0.20	0.26	266	587	100	●	●	●	●	●	●
	312	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●
	312	900	36	0.53	0.69	407	898	100	●	●	●	●	●	●
	312	1050	42	0.65	0.84	457	1,006	100	●	●	⦿	⦿	⦿	⊖
Heavy Duty	312	450	18	0.20	0.27	279	615	100	●	●	●	●	●	●
	312	1200	48	0.76	0.99	513	1,131	100	⦿	⦿	⊖	⊖	⊖	○
Ditch Cleaning	312	1800	72	0.68	0.89	540	1,191	100	●	⦿	⊖	⦿	⊖	○
Ditch Cleaning Tilt	312	1800	72	0.60	0.78	724	1,597	100	●	⦿	⊖	⊖	⊖	○
Maximum load with pin-on (payload + bucket)								kg	1930	1890	1680	1750	1660	1470
								lb	4,264	4,165	3,696	3,859	3,650	3,240
With Cat Pin Grabber Coupler														
General Duty	312	600	24	0.31	0.40	316	696	100	●	●	●	●	●	●
	312	900	36	0.53	0.69	414	914	100	●	●	●	●	●	⊖
	312	1000	39	0.60	0.78	438	967	100	●	●	⦿	⦿	⦿	○
	312	1100	43	0.68	0.89	474	1,045	100	⦿	⦿	⊖	⊖	⊖	○
	312	1200	48	0.76	1.00	504	1,110	100	⊖	⊖	○	○	○	◇
	312	450	18	0.20	0.26	266	587	100	●	●	●	●	●	●
	312	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●
	312	900	36	0.53	0.69	407	898	100	●	●	●	●	●	⊖
	312	1050	42	0.65	0.84	457	1,006	100	⦿	⦿	⊖	⊖	⊖	○
	312	1200	48	0.76	1.00	497	1,095	100	⊖	⊖	○	○	○	◇
Heavy Duty	312	450	18	0.20	0.27	279	615	100	●	●	●	●	●	●
	312	1200	48	0.76	0.99	513	1,131	100	⊖	⊖	○	○	○	◇
Ditch Cleaning	312	1800	72	0.68	0.89	540	1,191	100	⦿	⊖	○	⊖	○	◇
Ditch Cleaning Tilt	312	1800	72	0.60	0.78	724	1,597	100	⊖	⊖	○	○	○	◇
Maximum load with coupler (payload + bucket)								kg	1734	1690	1477	1551	1456	1270
								lb	3,823	3,725	3,256	3,419	3,209	2,800

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⦿ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)

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.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

		Width		Capacity		Weight		Fill	2.47 mt (5,445 lb) Counterweight					
									Reach Boom			Variable Angle Boom		
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.2 (7'3")	R2.5 (8'2")	R3.0 (9'10")	R2.2 (7'3")	R2.5 (8'2")	R3.0 (9'10")
With CW20 Coupler														
General Duty	312	600	24	0.31	0.40	341	752	100	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	940	100	●	●	⦿	●	⦿	⊖
	312	1100	43	0.68	0.89	487	1,073	100	⦿	⦿	⊖	⊖	⊖	○
	312	1200	48	0.76	1.00	516	1,137	100	⊖	⊖	○	○	○	◇
Heavy Duty	312	1200	48	0.76	1.00	526	1,159	100	⊖	⊖	○	○	○	◇
General Duty – Leveling Edge	312	690	27	0.40	0.52	413	910	100	●	●	●	●	●	●
	312	600	24	0.33	0.43	395	870	100	●	●	●	●	●	●
	312	790	31	0.47	0.61	455	1,003	100	●	●	●	●	●	⦿
	312	996	39	0.63	0.83	517	1,140	100	⦿	⦿	⊖	⊖	⊖	○
	312	1184	47	0.80	1.05	603	1,328	100	○	○	◇	○	◇	X
Ditch Cleaning	312	1800	72	0.68	0.89	516	1,138	100	⦿	⦿	○	⊖	○	◇
	312	1800	72	0.90	1.18	554	1,221	100	○	○	◇	◇	◇	X
Maximum load with coupler (payload + bucket)								kg	1729	1684	1471	1545	1451	1265
								lb	3,812	3,713	3,244	3,407	3,198	2,788
With CW20s Coupler														
General Duty	312	450	18	0.20	0.26	301	664	100	●	●	●	●	●	●
	312	500	20	0.24	0.31	310	684	100	●	●	●	●	●	●
	312	600	24	0.31	0.40	329	726	100	●	●	●	●	●	●
	312	750	30	0.41	0.54	377	830	100	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	940	100	●	●	⦿	●	⦿	⊖
	312	1000	39	0.60	0.78	451	995	100	●	●	⊖	⦿	⊖	○
	312	1100	43	0.68	0.89	487	1,073	100	⦿	⦿	⊖	⊖	⊖	○
	312	1200	48	0.76	1.00	516	1,137	100	⊖	⊖	○	○	○	◇
Heavy Duty	312	500	20	0.24	0.31	313	689	100	●	●	●	●	●	●
	312	1200	48	0.76	1.00	524	1,154	100	⊖	⊖	○	○	○	◇
Ditch Cleaning	312	1800	72	0.68	0.89	548	1,207	100	⦿	⊖	○	⊖	○	◇
	312	2000	78	1.00	1.31	630	1,389	100	◇	◇	X	◇	X	X
Ditch Cleaning Tilt	312	1800	72	0.60	0.78	822	1,812	100	⊖	⊖	◇	○	◇	X
Maximum load with coupler (payload + bucket)								kg	1751	1706	1493	1567	1473	1287
								lb	3,860	3,762	3,292	3,456	3,246	2,836

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⦿ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

	Linkage	Width		Capacity		Weight		Fill	2.47 mt (5,445 lb) Counterweight					
									Reach Boom			Variable Angle Boom		
		mm	in	m³	yd³	kg	lb	%	R2.2 (7'3")	R2.5 (8'2")	R3.0 (9'10")	R2.2 (7'3")	R2.5 (8'2")	R3.0 (9'10")
Pin-On, TRS10 CW20														
Grading – General Duty	312	1600	63	0.76	0.99	571	1,259	100	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	3719	3620	3151	3314	3105	2695
								lb	8,198	7,982	6,946	7,306	6,845	5,941
Pin-On, TRS10 CW20s														
Grading – General Duty	312	1500	59	0.65	0.85	528	1,164	100	○	○	◇	◇	◇	X
Trenching – General Duty	312	540	21	0.37	0.48	336	740	100	●	●	●	●	●	⊖
Maximum load with coupler (payload + bucket)								kg	1378	1333	1120	1194	1100	914
								lb	3,038	2,940	2,470	2,633	2,424	2,014
Pin-On, TRS10 S60														
Grading – Heavy Duty	312	1500	59	0.52	0.68	511	1,127	100	⦿	⦿	○	⊖	○	◇
	312	1500	59	0.65	0.85	535	1,179	100	⊖	⊖	◇	○	◇	X
	312	1600	63	0.75	0.98	576	1,270	100	○	○	◇	◇	◇	X
Trenching – Heavy Duty	312	540	21	0.33	0.43	320	706	100	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	1507	1462	1249	1323	1229	1043
								lb	3,322	3,224	2,754	2,918	2,708	2,299
With CW20S, TRS10 CW20s														
Grading – Heavy Duty	312	1500	59	0.65	0.85	528	1,164	100	◇	◇	X	X	X	X
Trenching – Heavy Duty	312	540	21	0.37	0.48	336	740	100	●	●	⊖	⦿	⊖	◇
Maximum load with coupler (payload + bucket)								kg	1185	1140	927	1001	907	721
								lb	2,612	2,514	2,045	2,208	1,998	1,589
With S60, TRS10 S60														
Grading – Heavy Duty	312	1500	59	0.52	0.68	511	1,127	100	⊖	⊖	◇	○	◇	X
	312	1500	59	0.65	0.85	535	1,179	100	○	○	X	◇	X	X
	312	1600	63	0.75	0.98	576	1,270	100	◇	◇	X	X	X	X
Trenching – Heavy Duty	312	540	21	0.33	0.43	320	706	100	●	●	●	●	●	⊖
Maximum load with coupler (payload + bucket)								kg	1347	1302	1089	1163	1069	883
								lb	2,969	2,871	2,402	2,565	2,356	1,946

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⦿ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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.

Bucket Specifications and Compatibility – Australia and New Zealand

	Linkage	Width		Capacity		Weight		Fill	2.47 mt (5,445 lb) Counterweight Reach Boom	
		mm	in	m³	yd³	kg	lb	%	R2.5 (8'2")	R3.0 (9'10")
Pin-On (No Quick Coupler)										
Utility Duty	312	450	18	0.2	0.26	256	565	100	●	●
	312	600	24	0.3	0.39	299	660	100	●	●
	312	900	36	0.5	0.65	388	856	100	●	●
General Duty	312	450	18	0.20	0.26	266	587	100	●	●
	312	600	24	0.31	0.40	310	684	100	●	●
	312	750	30	0.41	0.54	358	790	100	●	●
	312	750	30	0.41	0.54	410	903	100	●	●
	312	900	36	0.53	0.69	407	898	100	●	●
	312	900	36	0.53	0.69	451	994	100	●	●
	312	1050	42	0.65	0.84	457	1,006	100	●	⦿
Clean Up	312	1500	60	1.02	1.33	651	1,435	100	○	◇
	312	1800	72	1.29	1.68	748	1,649	100	◇	X
Ditch Cleaning Tilt	312	1500	60	0.74	0.98	704	1,553	100	⊖	○
	312	1800	72	0.90	1.18	784	1,728	100	○	◇
Maximum load with pin-on (payload + bucket)								kg	1890	1680
								lb	4,165	3,696
With Cat Pin Grabber Coupler										
Utility Duty	312	450	18	0.2	0.26	256	565	100	●	●
	312	600	24	0.3	0.39	299	660	100	●	●
	312	900	36	0.5	0.65	388	856	100	●	●
General Duty	312	450	18	0.20	0.26	266	587	100	●	●
	312	600	24	0.31	0.40	310	684	100	●	●
	312	750	30	0.41	0.54	358	790	100	●	●
	312	750	30	0.41	0.54	410	903	100	●	●
	312	900	36	0.53	0.69	407	898	100	●	●
	312	900	36	0.53	0.69	451	994	100	●	⦿
	312	1050	42	0.65	0.84	457	1,006	100	⦿	⊖
Clean Up	312	1500	60	1.02	1.33	651	1,435	100	◇	X
	312	1800	72	1.29	1.68	748	1,649	100	X	X
Ditch Cleaning Tilt	312	1500	60	0.74	0.98	704	1,553	100	○	◇
	312	1800	72	0.90	1.18	784	1,728	100	◇	X
Maximum load with coupler (payload + bucket)								kg	1690	1477
								lb	3,725	3,256

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⦿ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

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.

Attachments Offering Guide – Europe

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ○ 1200 kg/m³ (2,000 lb/yd³) | No Match

PIN-ON ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓			
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓*			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSV520 GC-400	○	○		○	○	
	GSV520 GC-500	○			○		

CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓*			
	H115 S	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓

CW-20S DEDICATED COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓	✓	✓			
	H110 S	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓				
	H115 S	✓	✓	✓			
Demolition and Sorting Grapples	G312 GC	✓	✓	✓*	✓*		
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓*	✓*				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only No Match

CW-20 DEDICATED COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓*
	H110 S	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓*			
	H115 S	✓	✓	✓			
Demolition and Sorting Grapples	G312 GC	✓	✓	✓*	✓*		
	G312 GC Fixed CAN	✓	✓	✓			
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓*					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓

S60 DEDICATED COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓*
	H115 S	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓*			
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓*	✓*				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓

HCS60 COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓

HCS65 COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓*
Demolition and Sorting Grapples	G312 GC	✓*	✓*				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only No Match

TRS10 (PIN-ON TOP/CW-20s BOTTOM) ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)		
Boom Type		**Reach**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 S	✓*	✓*	
Demolition and Sorting Grapples	G212 GC	✓*	✓*	
	G212 GC Fixed CAN	✓	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓*

NOTE: Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

TRS10 (PIN-ON TOP/CW-20 BOTTOM) ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)	
Boom Type		**Reach**	
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**
Hydraulic Hammers	H110 GC S	✓*	
	H110 S	✓*	✓*
Demolition and Sorting Grapples	G212 GC	✓*	✓*
	G212 GC Fixed CAN	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓

NOTE: Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

TRS10 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)					
Boom Type		**Reach**			**Variable Angle**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓	✓	✓*			
	H110 S	✓	✓	✓*			
Demolition and Sorting Grapples	G212 GC	✓	✓				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓*

NOTE: Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

TRS10 (S60 TOP/S60 BOTTOM) ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)		
Boom Type		**Reach**		
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC S	✓*	✓*	
	H110 S	✓	✓*	
Demolition and Sorting Grapples	G212 GC	✓*	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓*

NOTE: Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only No Match

TRS10 (PIN-ON TOP/HCS60 BOTTOM) ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)				
Boom Type		**Reach**			**Variable Angle**	
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**	**R3.0 (9'10")**	**R2.2 (7'3")**	**R2.5 (8'2")**
Hydraulic Hammers	H110 S	✓	✓	✓*		
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓

NOTE: Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

TRS10 (HCS60 TOP/HCS60 BOTTOM) ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)	
Boom Type		**Reach**	
Stick Length		**R2.2 (7'3")**	**R2.5 (8'2")**
Hydraulic Hammers	H110 S	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓

NOTE: Hammer on tiltrotator usage less than 10% of working hours. Refer to your OMM for recommended hydraulic flow requirements.

BOOM-MOUNT ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)	
Boom Type		**Reach**	**Variable Angle**
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓

Attachments Offering Guide – Australia and New Zealand

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only No Match

PIN-ON ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)	
Boom Type		**Reach**	
Stick Length		**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC	✓	✓
	H110 GC S	✓	✓
	H110 S	✓	✓
	H115 GC	✓	✓
	H115 GC S	✓	✓
	H115 S	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓*
Compactors (Vibratory Plate)	CVP75	✓	✓
Mulchers	HM2615 Standard	✓	✓
	HM3013 Dedicated Bite Limiter	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)	
Boom Type		**Reach**	
Stick Length		**R2.5 (8'2")**	**R3.0 (9'10")**
Hydraulic Hammers	H110 GC	✓	✓
	H110 GC S	✓	✓
	H110 S	✓	✓
	H115 GC	✓	✓
	H115 GC S	✓	✓*
	H115 S	✓	✓
Mobile Scrap and Demolition Shears	S3015	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓
Mulchers	HM2615 Standard	✓	✓
	HM3013 Dedicated Bite Limiter	✓	

BOOM-MOUNT ATTACHMENTS

Counterweight		2.47 mt (5,445 lb)
Boom Type		**Reach**
Mobile Scrap and Demolition Shears	S3025	✓
	S3025 Flat Top	✓

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
Variable Angle boom (2.4 m [7'8"] stub + 2.44 [8'0"] fore)[1]		✓
4.65 m (15'3") Reach boom		✓
2.2 m (7'3") Reach stick[(1)]		✓
2.5 m (8'2") Reach stick		✓
3.0 m (9'8") Reach stick		✓
Bucket linkage, with lifting eye, Cat Grade	✓	
CAT TECHNOLOGY		
Cat Product Link™	✓	
Remote Flash and Troubleshoot	✓	
Work tool recognition	✓	
Work tool tracking*	✓	
Cat Grade with 2D and offset memory	✓	
Cat Grade Connectivity		✓
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓	
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓	
Cat Grade with Advanced 2D		✓
Cat Grade with 3D connectivity		✓
Cat Payload: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability	✓	
2D E-Fence: – E-ceiling – E-floor – E-swing – E-wall – E-cab avoidance	✓	
Auto hammer stop	✓	

*Paired with PL161 attachment locator.
[1]Europe only.

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance free battery	✓	
Centralized electrical disconnect switch	✓	
LED chassis light, left-side/right-side boom light, cab lights	✓	
Programmable time-delay LED working lights	✓	
360° lighting		✓
ENGINE		
Three selectable modes: Power, Smart, Eco	✓	
One-touch low idle with automatic engine speed control	✓	
Auto engine shutdown	✓	
52° C (125° F) high-ambient cooling capacity without derate	✓	
–25° C (–13° F) cold start capability[1]	✓	
–18° C (–0° F) cold start capability[2]	✓	
Electric fuel priming pump	✓	
Variable speed fan	✓	
Single fuel filtration system	✓	
Sealed double element air filter with integrated pre-cleaner	✓	

[1]Europe only.
[2]Australia and New Zealand only.

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
HYDRAULIC SYSTEM		
Boom and stick regeneration circuits	✓	
Automatic hydraulic oil warm up	✓	
Automatic two-speed travel	✓	
Electric main control valve	✓	
Boom and stick drift reduction valve	✓	
Swing drive, without fine swing control function	✓	
Boom and stick lowering check valves		✓
Medium-pressure line		✓
High-pressure line		✓
Quick coupler line		✓
SAFETY AND SECURITY		
Rear and right-side-view cameras		✓
360° visibility		✓
Ground level engine shutoff switch	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Signaling/warning horn	✓	
Hydraulic lock out lever	✓	
Cat Detect – People detection		✓
SERVICE AND MAINTENANCE		
Side entry to service platform	✓	
Grouped engine oil and fuel filters	✓	
Ground level engine oil dipstick	✓	
S·O·S℠ sampling ports	✓	

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
Grease lubricated track link	✓	
Center track guiding guards	✓	
Bottom guards	✓	
Travel motor guards	✓	
Swivel guards	✓	
500 mm (20") triple grouser track shoes	✓	
500 mm (20") triple grouser track shoes with rubber pad		✓
500 mm (20") rubber track shoe		✓
600 mm (24") triple grouser track shoes		✓
600 mm (24") rubber track shoe		✓
700 mm (28") triple grouser track shoes		✓
770 mm (30") triple grouser track shoes[1]		✓
2500 mm (8'2") blade		✓
2600 mm (8'6") blade		✓
2700 mm (8'10") blade		✓
2.47 mt (5,445 lb) counterweight	✓	
ISO 15818:2017 tie-down points on base frame	✓	

[1]Europe only.

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Radial lower wiper (for deluxe cab only)
- Left-hand and right-hand electrical pedal (two-way) for tool control
- Dual exit rear window kit
- Rain protector plus cab light cover
- Front windshield laminated glass (P5A glass, EU demolition regulation)
- Key fob (for use with Bluetooth® receiver)

GUARDS

- FOGS (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front
- Full protecting vandalism guard

SAFETY AND SECURITY

- 76 mm (3") retractable seat belt

Cab Options

	Deluxe	Premium
ROPS, sound suppressed with viscous mounts	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
Additional high-resolution LCD touchscreen monitor for Cat Grade Advanced 2D and 3D	○	○
Automatic bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
Height-adjustable console, infinite with no tool	●	●
Tilt-up left-side console	●	●
Cat Stick Steer	○	○
Heated seat with air-adjustable suspension	●	X
Heated and cooled seat with automatic adjustable suspension	X	●
51 mm (2") orange seat belt	●	●
Bluetooth integrated radio (including USB, auxiliary port and microphone)	●	●
2 × 12V DC outlets	●	●
Document storage	●	●
Rear head storage net and lunchbox storage net	●	●
Cup and bottle holders	●	●
Fixed one-piece windshield	X	○
Two-piece front window, openable	●	○
Upper radial wiper with washer	●	X
Parallel wiper with washer	X	●
Openable polycarbonate skylight hatch	●	○
Fixed glass laminated skylight	X	○
LED dome light	●	●
Floor welcome light	●	●
Roller front sunscreen	●	●
Roller rear sunscreen	○	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●

● Standard

○ Optional

X Not available

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

© 2021 Caterpillar
All rights reserved

AEXQ2875-04 (11-2021)
Replaces AEXQ2875-03
Build Number: 07C
(Eur, Aus-NZ)

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

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.