



333

Hydraulic Excavator

Technical Specifications

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

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333 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C7.1	
Net Power		
ISO 9249	223.7 kW	300 hp
ISO 9249 (DIN)	304 hp (metric)	
Engine Power		
ISO 14396	225 kW	302 hp
ISO 14396 (DIN)	306 hp (metric)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in ³
Biodiesel capability	Up to B20 ⁽¹⁾	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,764 ft) altitude with engine power derate above 3000 m (9,842.5 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.

⁽¹⁾Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:

- ✓ 20% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels.

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

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Swing Mechanism

Swing Speed	11.5 rpm	
Maximum Swing Torque	111 kN-m	81,869 lbf-ft

Weights

Operating Weight	32 500 kg	71,600 lb
• Long undercarriage, Mass boom, M2.5 (8'2") stick, HD 2.36 m ³ (3.08 yd ³) bucket, 600 mm (24") triple grouser shoes and 7700 kg (16,980 lb) counterweight.		

Track

Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	800 mm	31 in
Number of Shoes (each side)	50	
Number of Track Rollers (each side)	9	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.9 km/h	3.7 mph
Maximum Drawbar Pull	248 kN	55,820 lbf

Hydraulic System

Main System – Maximum Flow – Implement	560 L/min (280 × 2 pumps)	148 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	29 800 kPa	4,321 psi
Boom Cylinder – Bore	140 mm	6 in
Boom Cylinder – Stroke	1407 mm	55 in
Stick Cylinder – Bore	160 mm	6 in
Stick Cylinder – Stroke	1646 mm	65 in
Bucket Cylinder – Bore	145 mm	6 in
Bucket Cylinder – Stroke	1151 mm	45 in

Service Refill Capacities

Fuel Tank Capacity	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil (with filter)	25 L	6.6 gal
Swing Drive	11.5 L	3.0 gal
Final Drive (each)	4.5 L	1.2 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank (including suction pipe)	147 L	38.8 gal

Standards

Brakes	ISO 10265:2008
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Cab/Falling Object Guard System (FOGS) (optional)	ISO 10262:1998 – Level II

Sound Performance

ISO 6395 (external)	103 dB(A)
ISO 6396 (inside cab)	70 dB(A)

- 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.

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Operating Weights and Ground Pressures

Base Machine Configurations	600 mm (24") Double Grouser Shoes		600 mm (24") Triple Grouser Shoes		600 mm (24") HD Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
Base Frame with Track Rollers and Carrier Rollers	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
7.7 mt (16,980 lb) Counterweight and Long Undercarriage						
Mass Boom + M2.5 (8'2") Stick + 2.36 m ³ (3.08 yd ³) HD Bucket	32 900 (72,400)	63 (9.1)	32 500 (71,600)	62 (9.0)	32 700 (72,100)	62 (9.0)
HD Reach Boom + HD R3.2 (10'6") Stick + 1.88 m ³ (2.46 yd ³) HD Bucket	33 300 (73,200)	63 (9.2)	—	—	—	—

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

Base Machine Configurations	700 mm (28") Triple Grouser Shoes		800 mm (31") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure
Base Frame with Track Rollers and Carrier Rollers	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
7.7 mt (16,980 lb) Counterweight and Long Undercarriage				
Mass Boom + M2.5 (8'2") Stick + 2.36 m ³ (3.08 yd ³) HD Bucket	32 900 (72,400)	54 (7.8)	33 500 (73,800)	48 (6.9)
HD Reach Boom + HD R3.2 (10'6") Stick + 1.88 m ³ (2.46 yd ³) HD Bucket	33 300 (73,300)	54 (7.9)	33 900 (74,600)	48 (7.0)

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

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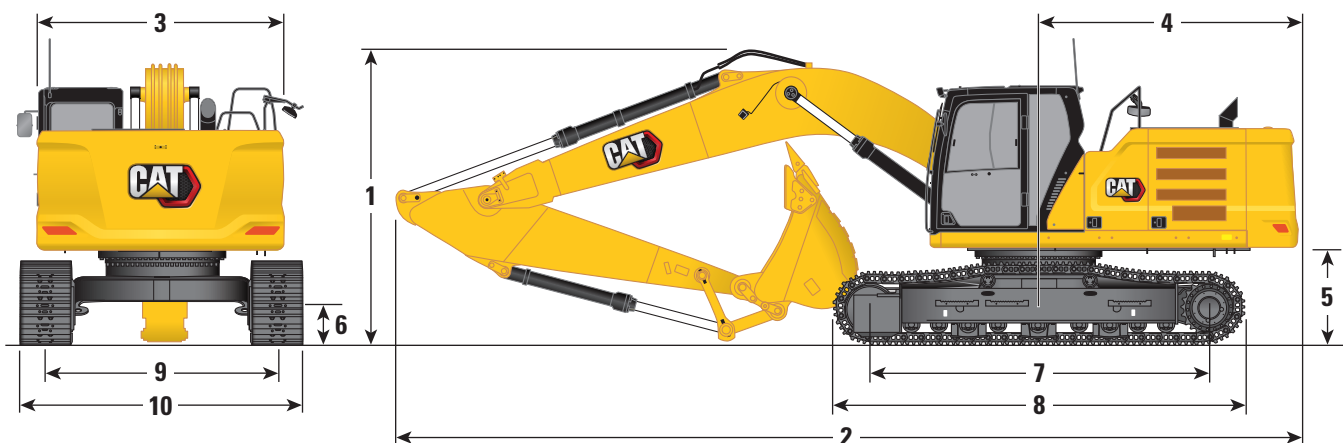
Major Component Weights

	kg	lb
Base Machine Weight (with 7700 kg [16,980 lb] counterweight, upper frame, long undercarriage with track rollers and two boom cylinders – does not include boom, stick, bucket, stick cylinder, bucket cylinders, tracks, fuel tank and operator).	22 460	49,520
Track Shoes:		
600 mm (24") Width, 11 mm (0.43") Thick, Double Grouser Track Shoes	3980	8,770
600 mm (24") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3650	8,040
600 mm (24") Width, 13 mm (0.51") Thick, HD Triple Grouser Track Shoes	3860	8,510
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	3990	8,780
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes with Step Extension	4610	10,160
Two Boom Cylinders	500	1,090
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	470	1,020
Counterweight:		
7700 kg (16,980 lb) Counterweight	7700	16,980
Booms (including lines, pins, stick cylinder):		
5.55 m (18'2") Mass Boom	2390	5,260
6.15 m (20'2") HD Reach Boom	2770	6,100
10.2 m (33'6") Super Long Reach Boom	3250	7,150
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
M2.5DB (8'2") Mass Stick	1730	3,810
R3.2DB (10'6") HD Reach Stick	1870	4,100
SLR7.85A (25'9") Super Long Reach Stick	1580	3,480
Buckets (without linkage, with tips and side cutters):		
1.64 m ³ (2.15 yd ³) HD, DB Linkage	1770	3,890
1.88 m ³ (2.46 yd ³) HD, DB Linkage	1680	3,680
1.9 m ³ (2.50 yd ³) SDS, DB Linkage	1930	4,250
2.0 m ³ (2.62 yd ³) HD, DB Linkage	1680	3,700
2.36 m ³ (3.08 yd ³) HD, DB Linkage	1790	3,940
2.6 m ³ (3.40 yd ³) HD, DB Linkage	1920	4,230
0.57 m ³ (0.75 yd ³) DC, A Linkage	390	850
0.74 m ³ (0.97 yd ³) DC, A Linkage	460	1,000

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Dimensions

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

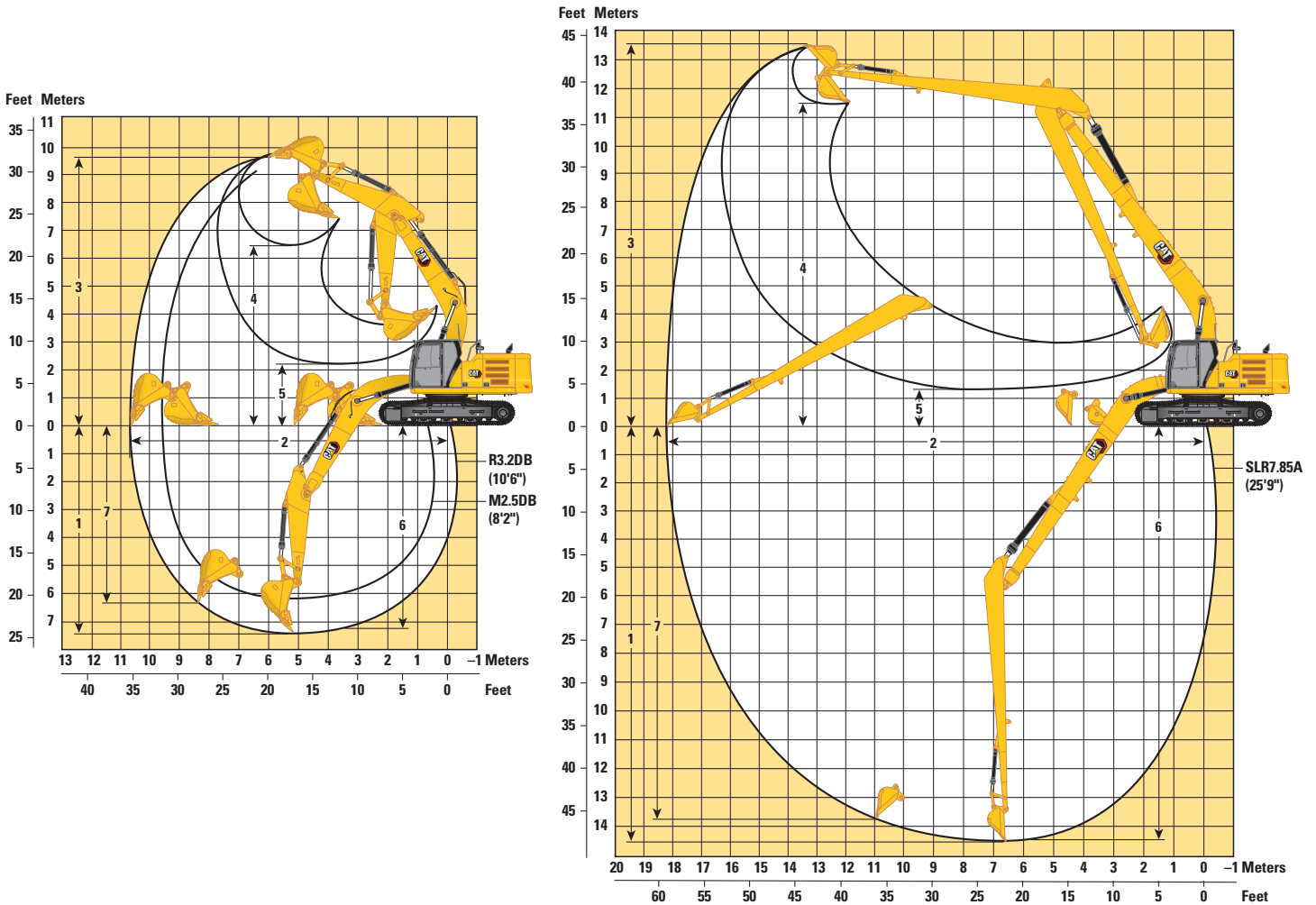


Boom Options	Mass Boom 5.55 m (18'2")		HD Reach Boom 6.15 m (20'2")		SLR Boom 10.2 m (33'6")	
Stick Options	Mass Stick M2.5DB (8'2")		HD Reach Stick R3.2DB (10'6")		SLR Stick SLR7.85A (25'9")	
1 Machine Height:						
Top of Cab Height	3060 mm	10'0"	3060 mm	10'0"	3060 mm	10'0"
Top of FOGS Height	3200 mm	10'6"	3200 mm	10'6"	3200 mm	10'6"
Handrail Height	3060 mm	10'0"	3060 mm	10'0"	3060 mm	10'0"
With Boom/Stick/Bucket Installed	3530 mm	11'7"	3580 mm	11'9"	3230 mm	10'7"
With Boom/Stick Installed	3440 mm	11'3"	3580 mm	11'9"	3230 mm	10'7"
With Boom Installed	3060 mm	10'0"	3060 mm	10'0"	3060 mm	10'0"
2 Machine Length:						
With Boom/Stick/Bucket Installed	9870 mm	32'5"	10 450 mm	34'3"	14 480 mm	47'6"
With Boom/Stick Installed	9850 mm	32'4"	10 450 mm	34'3"	14 480 mm	47'6"
With Boom Installed	8600 mm	28'3"	9230 mm	30'3"	13 390 mm	43'11"
3 Upperframe Width	2930 mm	9'7"	2930 mm	9'7"	2930 mm	9'7"
4 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"	3130 mm	10'3"
5 Counterweight Clearance	1120 mm	3'8"	1120 mm	3'8"	1120 mm	3'8"
6 Ground Clearance	480 mm	1'7"	480 mm	1'7"	480 mm	1'7"
7 Track Length – Length to Center of Rollers	3990 mm	13'1"	3990 mm	13'1"	3990 mm	13'1"
8 Track Length – Overall Length	4860 mm	15'11"	4860 mm	15'11"	4860 mm	15'11"
9 Track Gauge – Extended	2740 mm	9'0"	2740 mm	9'0"	2740 mm	9'0"
10 Undercarriage Width:						
600 mm (24") Shoes	3340 mm	10'11"	3340 mm	10'11"	3340 mm	10'11"
700 mm (28") Shoes	3440 mm	11'3"	3440 mm	11'3"	3440 mm	11'3"
800 mm (31") Shoes	3540 mm	11'7"	3540 mm	11'7"	3540 mm	11'7"
Bucket Type	HD		HD		DC	
Bucket Capacity	2.36 m ³	3.08 yd ³	1.88 m ³	2.46 yd ³	0.57 m ³	0.75 yd ³
Bucket Tip Radius	1796 mm	5'10"	1784 mm	5'10"	1073 mm	3'6"

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Working Ranges

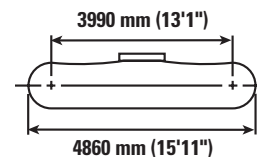
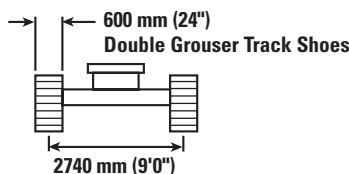
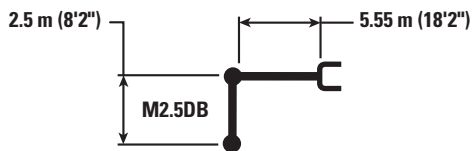
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










Boom Options	Mass Boom 5.55 m (18'2")		HD Reach Boom 6.15 m (20'2")		SLR Boom 10.2 m (33'6")	
Stick Options	Mass Stick M2.5DB (8'2")		HD Reach Stick R3.2DB (10'6")		SLR Stick SLR7.85A (25'9")	
1 Maximum Digging Depth	6140 mm	20'2"	7370 mm	24'2"	14 590 mm	47'10"
2 Maximum Reach at Ground Line	9480 mm	31'1"	10 680 mm	35'0"	18 270 mm	59'11"
3 Maximum Cutting Height	9160 mm	30'1"	9660 mm	31'8"	13 620 mm	44'8"
4 Maximum Loading Height	5960 mm	19'7"	6510 mm	21'4"	11 590 mm	38'0"
5 Minimum Loading Height	2430 mm	8'0"	2170 mm	7'1"	1330 mm	4'4"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5950 mm	19'6"	7200 mm	23'7"	14 490 mm	47'6"
7 Maximum Vertical Wall Digging Depth	4280 mm	14'1"	6240 mm	20'6"	13 870 mm	45'6"
Bucket Digging Force (ISO)	210 kN	47,210 lbf	197 kN	44,290 lbf	62 kN	13,940 lb
Stick Digging Force (ISO)	152 kN	34,170 lbf	147 kN	33,050 lbf	45 kN	10,120 lbf
Bucket Type	HD		HD		DC	
Bucket Capacity	2.36 m ³	3.08 yd ³	1.88 m ³	2.46 yd ³	0.57 m ³	0.75 yd ³
Bucket Tip Radius	1796 mm	5'10"	1784 mm	5'10"	1073 mm	3'6"

333 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")				mm ft/in
												
7500 mm 25'0"	kg lb									*7850 *17,450	*7850 *17,450	5510 17'07"
6000 mm 20'0"	kg lb					*8700 *19,100	*8700 *19,100			*7300 *16,150	*7300 *16,150	6720 21'10"
4500 mm 15'0"	kg lb			*11 100 *23,950	*11 100 *23,950	*9400 *20,400	*9400 *20,400			*7250 *15,950	7100 15,700	7440 24'03"
3000 mm 10'0"	kg lb			*13 750 *29,600	*13 750 *29,600	*10 550 *22,800	9550 20,600	*9050 *19,700	6900 14,800	*7550 *16,600	6500 14,300	7810 25'06"
1500 mm 5'0"	kg lb			*15 900 *34,300	14 050 30,200	*11 600 *25,150	9250 19,900	*9450 *20,550	6750 14,500	*8200 *18,050	6300 13,850	7870 25'09"
0 mm 0'0"	kg lb			*16 650 *36,000	13 750 29,500	*12 150 *26,350	9050 19,450	*9600 *20,700	6650 14,350	*9400 *20,650	6500 14,300	7630 25'00"
-1500 mm -5'0"	kg lb	*16 350 *37,250	*16 350 *37,250	*16 050 *34,750	13 700 29,400	*11 900 *25,700	9000 19,350			*9650 *21,300	7200 15,900	7070 23'01"
-3000 mm -10'0"	kg lb	*19 050 *41,250	*19 050 *41,250	*14 000 *30,150	13 850 29,800	*10 050	9150			*9800 *21,550	8950 19,900	6100 19'10"



ISO 10567



*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.

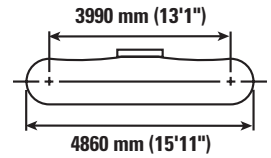
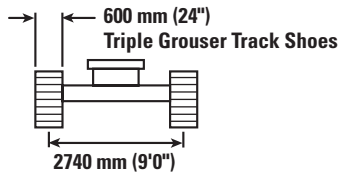
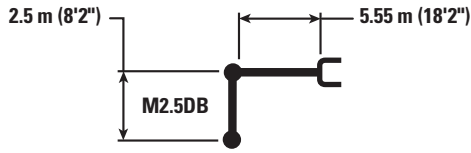
Lift capacity stays with ±5% for all available track shoes.












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

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333 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")				mm ft/in
												
7500 mm 25'0"	kg lb									*7850 *17,450	*7850 *17,450	5510 17'07"
6000 mm 20'0"	kg lb					*8700 *19,100	*8700 *19,100			*7300 *16,150	*7300 *16,150	6720 21'10"
4500 mm 15'0"	kg lb			*11 100 *23,950	*11 100 *23,950	*9400 *20,400	*9400 *20,400			*7250 *15,950	7050 15,550	7440 24'03"
3000 mm 10'0"	kg lb			*13 750 *29,600	*13 750 *29,600	*10 550 *22,800	9500 20,400	*9050 *19,700	6800 14,650	*7550 *16,600	6450 14,150	7810 25'06"
1500 mm 5'0"	kg lb			*15 900 *34,300	13 900 29,950	*11 600 *25,150	9150 19,750	*9450 *20,550	6700 14,400	*8200 *18,050	6250 13,750	7870 25'09"
0 mm 0'0"	kg lb			*16 650 *36,000	13 600 29,250	*12 150 *26,350	8950 19,300	9500 20,500	6600 14,200	9300 20,450	6450 14,200	7630 25'00"
-1500 mm -5'0"	kg lb	*16 350 *37,250	*16 350 *37,250	*16 050 *34,750	13 550 29,150	*11 900 *25,700	8900 19,200			*9650 *21,300	7150 15,750	7070 23'01"
-3000 mm -10'0"	kg lb	*19 050 *41,250	*19 050 *41,250	*14 000 *30,150	13 750 29,550	*10 050 9050				*9800 *21,550	8850 19,700	6100 19'10"



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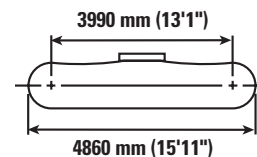
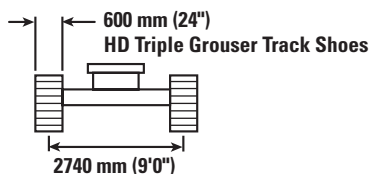
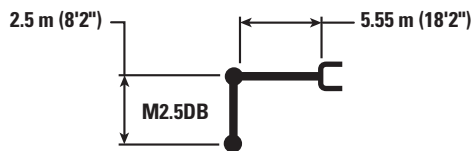
Lift capacity stays with ±5% for all available track shoes.












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		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")				mm ft/in
												
7500 mm 25'0"	kg lb									*7850 *17,450	*7850 *17,450	5510 17'07"
6000 mm 20'0"	kg lb					*8700 *19,100	*8700 *19,100			*7300 *16,150	*7300 *16,150	6720 21'10"
4500 mm 15'0"	kg lb			*11 100 *23,950	*11 100 *23,950	*9400 *20,400	*9400 *20,400			*7250 *15,950	7050 15,650	7440 24'03"
3000 mm 10'0"	kg lb			*13 750 *29,600	*13 750 *29,600	*10 550 *22,800	9550 20,500	*9050 *19,700	6850 14,750	*7550 *16,600	6450 14,250	7810 25'06"
1500 mm 5'0"	kg lb			*15 900 *34,300	14 000 30,100	*11 600 *25,150	9200 19,850	*9450 *20,550	6700 14,450	*8200 *18,050	6300 13,800	7870 25'09"
0 mm 0'0"	kg lb			*16 650 *36,000	13 700 29,400	*12 150 *26,350	9000 19,400	*9600 20,600	6650 14,300	9350 20,600	6500 14,250	7630 25'00"
-1500 mm -5'0"	kg lb	*16 350 *37,250	*16 350 *37,250	*16 050 *34,750	13 650 29,350	*11 900 *25,700	8950 19,300			*9650 *21,300	7200 15,850	7070 23'01"
-3000 mm -10'0"	kg lb	*19 050 *41,250	*19 050 *41,250	*14 000 *30,150	13 800 29,700	*10 050	9100			*9800 *21,550	8900 19,850	6100 19'10"



ISO 10567



*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.

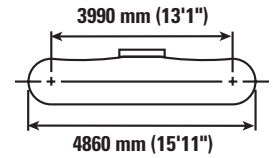
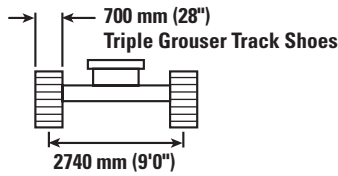
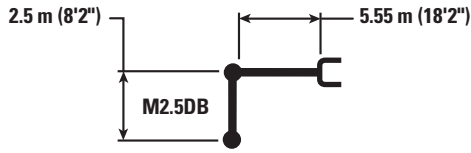
Lift capacity stays with ±5% for all available track shoes.












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

There may be local regulations and/or government regulations that govern the use of excavators for lifting heavy objects. Obey all local and government regulations.

333 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")				mm ft/in
												
7500 mm 25'0"	kg lb									*7850 *17,450	*7850 *17,450	5510 17'07"
6000 mm 20'0"	kg lb					*8700 *19,100	*8700 *19,100			*7300 *16,150	*7300 *16,150	6720 21'10"
4500 mm 15'0"	kg lb			*11 100 *23,950	*11 100 *23,950	*9400 *20,400	*9400 *20,400			*7250 *15,950	7100 15,700	7440 24'03"
3000 mm 10'0"	kg lb			*13 750 *29,600	*13 750 *29,600	*10 550 *22,800	9550 20,600	*9050 *19,700	6900 14,800	*7550 *16,600	6500 14,300	7810 25'06"
1500 mm 5'0"	kg lb			*15 900 *34,300	14 050 30,200	*11 600 *25,150	9250 19,900	*9450 *20,550	6750 14,500	*8200 *18,050	6300 13,850	7870 25'09"
0 mm 0'0"	kg lb			*16 650 *36,000	13 750 29,500	*12 150 *26,350	9050 19,450	*9600 *20,700	6650 14,350	*9400 *20,650	6500 14,300	7630 25'00"
-1500 mm -5'0"	kg lb	*16 350 *37,250	*16 350 *37,250	*16 050 *34,750	13 700 29,400	*11 900 *25,700	9000 19,350			*9650 *21,300	7200 15,900	7070 23'01"
-3000 mm -10'0"	kg lb	*19 050 *41,250	*19 050 *41,250	*14 000 *30,150	13 850 29,800	*10 050	9150			*9800 *21,550	8950 19,900	6100 19'10"



ISO 10567



*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.

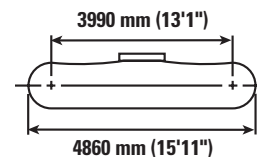
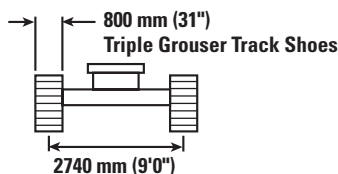
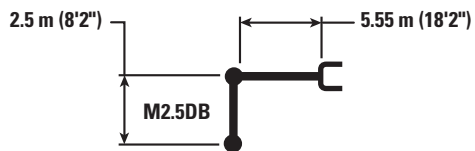
Lift capacity stays with ±5% for all available track shoes.












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

There may be local regulations and/or government regulations that govern the use of excavators for lifting heavy objects. Obey all local and government regulations.

333 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")				mm ft/in
												
7500 mm 25'0"	kg lb									*7850 *17,450	*7850 *17,450	5510 17'07"
6000 mm 20'0"	kg lb					*8700 *19,100	*8700 *19,100			*7300 *16,150	*7300 *16,150	6720 21'10"
4500 mm 15'0"	kg lb			*11 100 *23,950	*11 100 *23,950	*9400 *20,400	*9400 *20,400			*7250 *15,950	7200 15,950	7440 24'03"
3000 mm 10'0"	kg lb			*13 750 *29,600	*13 750 *29,600	*10 550 *22,800	9700 20,900	*9050 *19,700	7000 15,050	*7550 *16,600	6600 14,550	7810 25'06"
1500 mm 5'0"	kg lb			*15 900 *34,300	14 250 30,700	*11 600 *25,150	9400 20,250	*9450 *20,550	6850 14,750	*8200 *18,050	6400 14,100	7870 25'09"
0 mm 0'0"	kg lb			*16 650 *36,000	13 950 30,000	*12 150 *26,350	9200 19,800	*9600 *20,700	6750 14,600	*9400 *20,650	6600 14,550	7630 25'00"
-1500 mm -5'0"	kg lb	*16 350 *37,250	*16 350 *37,250	*16 050 *34,750	13 900 29,900	*11 900 *25,700	9150 19,700			*9650 *21,300	7350 16,150	7070 23'01"
-3000 mm -10'0"	kg lb	*19 050 *41,250	*19 050 *41,250	*14 000 *30,150	*14 000 *30,150	*10 050 9300				*9800 *21,550	9100 20,250	6100 19'10"



ISO 10567



*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.

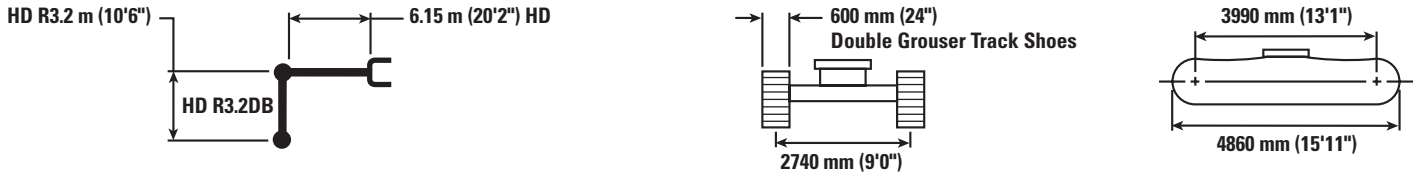
Lift capacity stays with ±5% for all available track shoes.

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

There may be local regulations and/or government regulations that govern the use of excavators for lifting heavy objects. Obey all local and government regulations.

333 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")		mm ft/in		
7500 mm 25'0"	kg lb													*6750 *14,950	*6750 *14,950	7110 23'0"
6000 mm 20'0"	kg lb									*6800 *14,950	*6800 *14,950			*6550 *14,400	6300 14,000	8080 26'4"
4500 mm 15'0"	kg lb							*8000 *17,400	*8000 *17,400	*7200 *15,700	7000 15,000			*6600 *14,500	5500 12,150	8690 28'5"
3000 mm 10'0"	kg lb					*12 350 *26,600	*12 350 *26,600	*9350 *20,150	*9350 *20,150	*7850 *17,050	6750 14,500			*6850 *15,100	5100 11,250	9000 29'6"
1500 mm 5'0"	kg lb					*14 700 *31,700	13 550 29,150	*10 550 *22,850	8950 19,250	*8550 *18,500	6500 14,000	7250 5000		7150 15,800	4950 10,900	9060 29'8"
0 mm 0'0"	kg lb					*15 800 *34,150	13 100 28,150	*11 400 *24,650	8650 18,600	*9000 *19,500	6350 13,650			7350 16,100	5050 11,100	8860 29'0"
-1500 mm -5'0"	kg lb	*8300 *18,550	*8300 *18,550	*12 650 *28,650	*12 650 *28,650	*15 750 *34,100	13 000 27,900	*11 600 *25,150	8500 18,300	*9100 *19,650	6250 13,450		7900 17,400	5400 11,900	8380 27'5"	
-3000 mm -10'0"	kg lb	*14 250 *31,900	*14 250 *31,900	*19 950 *44,800	*19 950 *44,800	*14 750 *31,850	13 050 28,100	*11 050 *23,850	8550 18,400	*8400 18,400	6300		*8300 *18,250	6250 13,800	7570 24'8"	
-4500 mm -15'0"	kg lb			*16 950 *36,450	*16 950 *36,450	*12 450 *26,700	*12 450 *26,700	*9150 *19,400	8750 18,900				*12 450 *18,700	8200 18,350	6320 20'5"	



ISO 10567



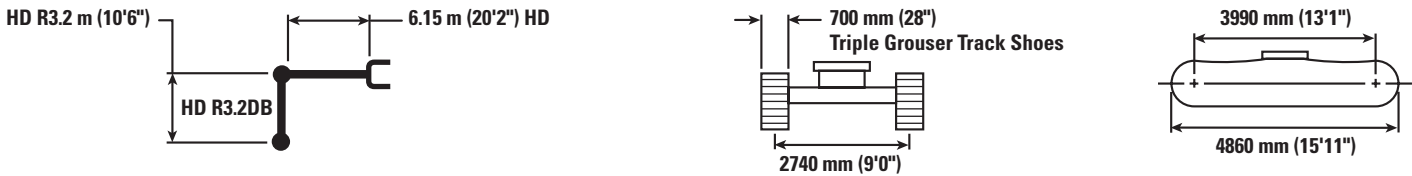
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Lift capacity stays with ±5% for all available track shoes.

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

333 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")		mm ft/in		
7500 mm 25'0"	kg lb													*6750 *14,950	*6750 *14,950	7110 23'0"
6000 mm 20'0"	kg lb									*6800 *14,950	*6800 *14,950			*6550 *14,400	6300 14,000	8080 26'4"
4500 mm 15'0"	kg lb							*8000 *17,400	*8000 *17,400	*7200 *15,700	7000 15,000			*6600 *14,500	5500 12,150	8690 28'5"
3000 mm 10'0"	kg lb					*12 350 *26,600	*12 350 *26,600	*9350 *20,150	*9350 *20,150	*7850 *17,050	6750 14,500			*6850 *15,100	5100 11,250	9000 29'6"
1500 mm 5'0"	kg lb					*14 700 *31,700	13 550 29,150	*10 550 *22,850	8950 19,250	*8550 *18,500	6500 14,000	7250 5000		7150 15,800	4950 10,900	9060 29'8"
0 mm 0'0"	kg lb					*15 800 *34,150	13 100 28,150	*11 400 *24,650	8650 18,600	*9000 *19,500	6350 13,650			7350 16,100	5050 11,100	8860 29'0"
-1500 mm -5'0"	kg lb	*8300 *18,550	*8300 *18,550	*12 650 *28,650	*12 650 *28,650	*15 750 *34,100	13 000 27,900	*11 600 *25,150	8500 18,300	*9100 *19,650	6250 13,450		7900 17,400	5400 11,900	8380 27'5"	
-3000 mm -10'0"	kg lb	*14 250 *31,900	*14 250 *31,900	*19 950 *44,800	*19 950 *44,800	*14 750 *31,850	13 050 28,100	*11 050 *23,850	8550 18,400	*8400 18,400	6300		*8300 *18,250	6250 13,800	7570 24'8"	
-4500 mm -15'0"	kg lb			*16 950 *36,450	*16 950 *36,450	*12 450 *26,700	*12 450 *26,700	*9150 *19,400	8750 18,900				*12 450 *18,700	8200 18,350	6320 20'5"	



ISO 10567



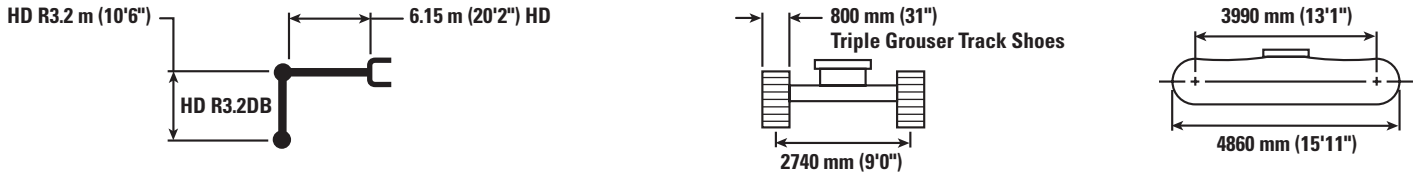
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Lift capacity stays with ±5% for all available track shoes.

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

333 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")		mm ft/in		
7500 mm 25'0"	kg lb													*6750 *14,950	*6750 *14,950	7110 23'0"
6000 mm 20'0"	kg lb									*6800 *14,950	*6800 *14,950			*6550 *14,400	6400 14,250	8080 26'4"
4500 mm 15'0"	kg lb							*8000 *17,400	*8000 *17,400	*7200 *15,700	7100 15,250			*6600 *14,500	5600 12,400	8690 28'5"
3000 mm 10'0"	kg lb					*12 350 *26,600	*12 350 *26,600	*9350 *20,150	*9350 *20,150	*7850 *17,050	6850 14,750			*6850 *15,100	5200 11,450	9000 29'6"
1500 mm 5'0"	kg lb					*14 700 *31,700	13 750 29,650	*10 550 *22,850	9100 19,600	*8550 *18,500	6650 14,250	*7350 5100		7300 16,050	5050 11,100	9060 29'8"
0 mm 0'0"	kg lb					*15 800 *34,150	13 300 28,650	*11 400 *24,650	8800 18,950	*9000 *19,500	6450 13,900			7450 16,450	5150 11,300	8860 29'0"
-1500 mm -5'0"	kg lb	*8300 *18,550	*8300 *18,550	*12 650 *28,650	*12 650 *28,650	*15 750 *34,100	13 200 28,400	*11 600 *25,150	8650 18,650	*9100 *19,650	6350 13,700	13 200	*7950 *17,500	5500 12,150	8380 27'5"	
-3000 mm -10'0"	kg lb	*14 250 *31,900	*14 250 *31,900	*19 950 *44,800	*19 950 *44,800	*14 750 *31,850	13 300 28,600	*11 050 *23,850	8700 18,700	*8400 18,700	6450		*8300 *18,250	6350 14,050	7570 24'8"	
-4500 mm -15'0"	kg lb			*16 950 *36,450	*16 950 *36,450	*12 450 *26,700	*12 450 *26,700	*9150 *19,400	8900 19,250			*12 450	*8500 *18,700	8350 18,650	6320 20'5"	



ISO 10567



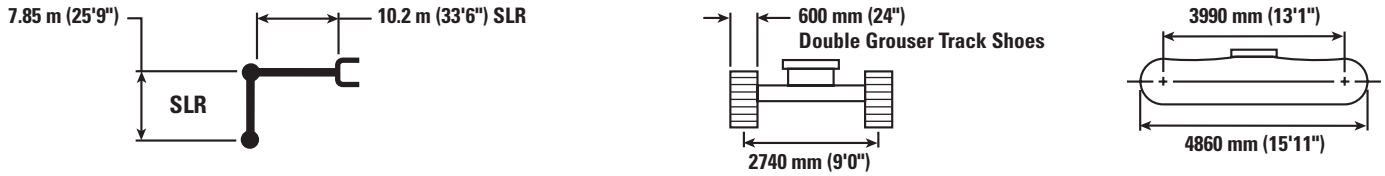
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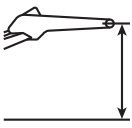
















Lift capacity stays with ±5% for all available track shoes.

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

333 Hydraulic Excavator Specifications

SLR Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



	1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")				mm ft/in		
																	
12 000 mm 40'0"	kg lb													*1300 *2,850	*1300 *2,850	14 030 45'6"	
10 500 mm 35'0"	kg lb													*1250 *2,750	*1250 *2,750	15 010 48'10"	
9000 mm 30'0"	kg lb													*1250 *2,700	*1250 *2,700	15 780 51'6"	
7500 mm 25'0"	kg lb													*1250 *2,700	*1250 *2,700	16 370 53'6"	
6000 mm 20'0"	kg lb													*1250 *2,700	*1250 *2,700	16 810 55'0"	
4500 mm 15'0"	kg lb													*1250 *2,750	*1250 *2,750	17 110 56'1"	
3000 mm 10'0"	kg lb			*4000	*4000								*4100 *8,900	*4100 *8,900	*1300 *2,850	*1300 *2,850	17 270 56'7"
1500 mm 5'0"	kg lb			*1500 *3,450	*1500 *3,450	*5100 *12,000	*5100 *12,000	*7300 *15,750	*7300 *15,750	*5650 *12,250	*5650 *12,250	*4700 *10,150	*4700 *10,150	*1350 *2,950	*1350 *2,950	17 300 56'8"	
0 mm 0'0"	kg lb			*1650 *3,700	*1650 *3,700	*3550 *8,150	*3550 *8,150	*8200 *18,300	7750 16,700	*6450 *13,950	5850 12,550	*5250 *11,400	4600 9,900	*1450 *3,150	*1450 *3,150	17 190 56'4"	
-1500 mm -5'0"	kg lb	*1600 *3,550	*1600 *3,550	*2150 *4,750	*2150 *4,750	*3500 *7,900	*3500 *7,900	*6450 *14,800	*6450 *14,800	*7100 *15,350	5450 11,800	*5750 *12,400	4350 9,300	*1550 *3,350	*1550 *3,350	16 960 55'7"	
-3000 mm -10'0"	kg lb	*2200 *4,900	*2200 *4,900	*2700 *6,000	*2700 *6,000	*3850 *8,700	*3850 *8,700	*6200 *14,100	*6200 *14,100	*7550 *16,350	5250 11,250	*6100 *13,250	4150 8,900	*1650 *3,650	*1650 *3,650	16 580 54'3"	
-4500 mm -15'0"	kg lb	*2800 *6,250	*2800 *6,250	*3350 *7,450	*3350 *7,450	*4400 *9,950	*4400 *9,950	*6550 *14,850	*6550 *14,800	*7800 *16,950	5100 10,950	6200 13,300	4000 8,650	*1850 *4,050	*1850 *4,050	16 050 52'6"	
-6000 mm -20'0"	kg lb	*3450 *7,650	*3450 *7,650	*4000 *9,000	*4000 *9,000	*5150 *11,550	*5150 *11,550	*7200 *16,400	6850 14,800	7900 17,000	5050 10,850	6150 13,200	3950 8,550	*2050 *4,600	2000 4,350	15 360 50'2"	
-7500 mm -25'0"	kg lb	*4100 *9,200	*4100 *9,200	*4800 *10,700	*4800 *10,700	*6000 *13,500	*6000 *13,500	*8200 *18,700	6950 14,950	*7850 *17,000	5050 10,900	6150 13,200	3950 8,550	*2400 *5,400	2150 4,800	14 470 47'2"	
-9000 mm -30'0"	kg lb	*4850 *10,850	*4850 *10,850	*5650 *12,650	*5650 *12,650	*7000 *15,900	*7000 *15,900	*9500 *20,450	7100 15,250	*7600 *16,400	5150 11,150	6200 13,350	4050 8,700	*2950 *6,650	2450 5,450	13 360 43'5"	
-10 500 mm -35'0"	kg lb	*5650 *12,650	*5650 *12,650	*6600 *14,950	*6600 *14,950	*8300 *18,900	*8300 *18,900	*8750 *18,800	7300 15,800	*7100 *15,150	5300 11,500	*5850 *12,550	4150 9,000	*3900 *8,950	2950 6,600	11 960 38'7"	
-12 000 mm -40'0"	kg lb			*7800 *17,600	*7800 *17,600	*9700 *20,550	*9700 *20,550	*7600 *16,100	*7600 *16,100	*6200 *13,050	5550 12,100	*5050 *10,550	4400 9,500	*4300 *9,450	3800 8,700	10 140 32'4"	



ISO 10567



*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.

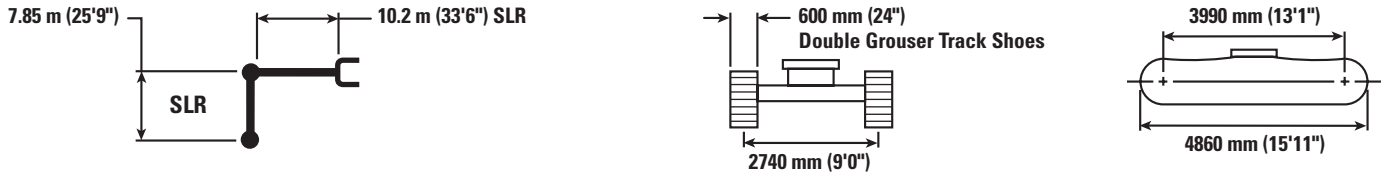
Lift capacity stays with ±5% for all available track shoes.

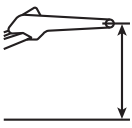













Always refer to the appropriate Operation and Maintenance Manual for specific product information.

(continued on next page)

333 Hydraulic Excavator Specifications

SLR Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket (continued)



	10 500 mm (35'0")		12 000 mm (40'0")		13 500 mm (45'0")		15 000 mm (50'0")		16 500 mm (55'0")				mm ft/in	
														
12 000 mm 40'0"	kg lb					*3,300 *3,300						*1300 *2,850	*1300 *2,850	14 030 45'6"
10 500 mm 35'0"	kg lb							*1250 *1250				*1250 *2,750	*1250 *2,750	15 010 48'10"
9000 mm 30'0"	kg lb							*2050 *3,900	*2050 *3,900			*1250 *2,700	*1250 *2,700	15 780 51'6"
7500 mm 25'0"	kg lb					*2600 *5,700	*2600 *5,700	*2550 *5,150	*2550 *5,150			*1250 *2,700	*1250 *2,700	16 370 53'6"
6000 mm 20'0"	kg lb					*2750 *6,000	*2750 *6,000	*2700 *5,950	2500 5,350	*1650 *2,800	*1650 *2,800	*1250 *2,700	*1250 *2,700	16 810 55'0"
4500 mm 15'0"	kg lb			*3050 *6,650	*3050 *6,650	*2950 *6,400	*2950 *6,350	*2850 *6,200	2450 5,200	*2100 *3,800	2050 *3,800	*1250 *2,750	*1250 *2,750	17 110 56'1"
3000 mm 10'0"	kg lb	*3650 *7,950	*3650 *7,950	*3350 *7,300	*3350 *7,300	*3150 *6,850	2850 6,050	*3000 *6,550	2350 5,050	*2350 *4,450	1950 4,200	*1300 *2,850	*1300 *2,850	17 270 56'7"
1500 mm 5'0"	kg lb	*4100 *8,850	3950 8,550	*3650 *7,950	3250 7,000	*3350 *7,350	2700 5,800	*3150 *6,850	2250 4,850	*2550 *4,800	1900 4,050	*1350 *2,950	*1350 *2,950	17 300 56'8"
0 mm 0'0"	kg lb	*4500 *9,750	3750 8,000	*3950 *8,600	3100 6,600	*3600 *7,800	2600 5,550	3300 7,050	2200 4,650	*2550 *4,750	1850 3,950	*1450 *3,150	*1450 *3,150	17 190 56'4"
-1500 mm -5'0"	kg lb	*4850 *10,500	3550 7,600	*4250 *9,200	2950 6,300	3750 8,000	2500 5,300	3200 6,850	2100 4,500	*2350 *4,150	1800 3,850	*1550 *3,350	*1550 *3,350	16 960 55'7"
-3000 mm -10'0"	kg lb	5150 11,050	3400 7,250	4300 9,200	2850 6,050	3650 7,850	2400 5,150	3150 6,750	2050 4,400	*1800 1800	1800	*1650 *3,650	*1650 *3,650	16 580 54'3"
-4500 mm -15'0"	kg lb	5050 10,800	3300 7,050	4200 9,050	2750 5,900	3600 7,700	2350 5,050	3100 6,700	2050 4,350			*1850 *4,050	*1850 *4,050	16 050 52'6"
-6000 mm -20'0"	kg lb	5000 10,700	3250 6,950	4150 8,950	2700 5,850	3550 7,700	2350 5,000	*3000 *4,950	2050 4,350			*2050 *4,600	2000 4,350	15 360 50'2"
-7500 mm -25'0"	kg lb	5000 10,700	3250 6,950	4150 9,000	2700 5,850	3600 7,750	2350 5,050					*2400 *5,400	2150 4,800	14 470 47'2"
-9000 mm -30'0"	kg lb	5050 10,850	3300 7,100	4250 9,150	2800 6,000							*2950 *6,650	2450 5,450	13 360 43'5"
-10 500 mm -35'0"	kg lb	*4900 *10,450	3400 7,400									*3900 *8,950	2950 6,600	11 960 38'7"
-12 000 mm -40'0"	kg lb											*4300 *9,450	3800 8,700	10 140 32'4"



ISO 10567



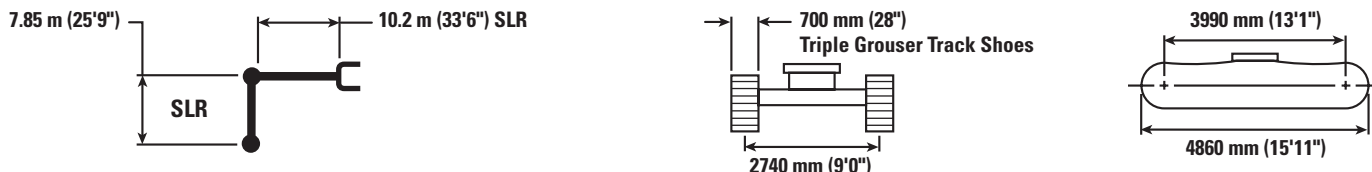
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

333 Hydraulic Excavator Specifications

SLR Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



Bucket Linkage	1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")		mm ft/in			
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	mm ft/in		
12 000 mm 40'0"													*1300 *2,850	*1300 *2,850	14 030 45'6"	
10 500 mm 35'0"													*1250 *2,750	*1250 *2,750	15 010 48'10"	
9000 mm 30'0"													*1250 *2,700	*1250 *2,700	15 780 51'6"	
7500 mm 25'0"													*1250 *2,700	*1250 *2,700	16 370 53'6"	
6000 mm 20'0"													*1250 *2,700	*1250 *2,700	16 810 55'0"	
4500 mm 15'0"													*1250 *2,750	*1250 *2,750	17 110 56'1"	
3000 mm 10'0"			*4000	*4000								*4100 *8,900	*4100 *8,900	*1300 *2,850	*1300 *2,850	17 270 56'7"
1500 mm 5'0"			*1500 *3,450	*1500 *3,450	*5100 *12,000	*5100 *12,000	*7300 *15,750	*7300 *15,750	*5650 *12,250	*5650 *12,250	*4700 *10,150	*4700 *10,150	*1350 *2,950	*1350 *2,950	17 300 56'8"	
0 mm 0'0"			*1650 *3,700	*1650 *3,700	*3550 *8,150	*3550 *8,150	*8200 *18,300	7750 16,700	*6450 *13,950	5850 12,550	*5250 *11,400	4600 9,900	*1450 *3,150	*1450 *3,150	17 190 56'4"	
-1500 mm -5'0"	kg lb	*1600 *3,550	*1600 *3,550	*2150 *4,750	*2150 *4,750	*3500 *7,900	*3500 *7,900	*6450 *14,800	*6450 *14,800	*7100 *15,350	5450 11,800	*5750 *12,400	4350 9,300	*1550 *3,350	*1550 *3,350	16 960 55'7"
-3000 mm -10'0"	kg lb	*2200 *4,900	*2200 *4,900	*2700 *6,000	*2700 *6,000	*3850 *8,700	*3850 *8,700	*6200 *14,100	*6200 *14,100	*7550 *16,350	5250 11,250	*6100 *13,250	4150 8,900	*1650 *3,650	*1650 *3,650	16 580 54'3"
-4500 mm -15'0"	kg lb	*2800 *6,250	*2800 *6,250	*3350 *7,450	*3350 *7,450	*4400 *9,950	*4400 *9,950	*6550 *14,850	*6550 *14,800	*7800 *16,950	5100 10,950	6200 13,300	4000 8,650	*1850 *4,050	*1850 *4,050	16 050 52'6"
-6000 mm -20'0"	kg lb	*3450 *7,650	*3450 *7,650	*4000 *9,000	*4000 *9,000	*5150 *11,550	*5150 *11,550	*7200 *16,400	6850 14,800	7900 17,000	5050 10,850	6150 13,200	3950 8,550	*2050 *4,600	2000 4,350	15 360 50'2"
-7500 mm -25'0"	kg lb	*4100 *9,200	*4100 *9,200	*4800 *10,700	*4800 *10,700	*6000 *13,500	*6000 *13,500	*8200 *18,700	6950 14,950	*7850 *17,000	5050 10,950	6150 13,200	3950 8,550	*2400 *5,400	2150 4,800	14 470 47'2"
-9000 mm -30'0"	kg lb	*4850 *10,850	*4850 *10,850	*5650 *12,650	*5650 *12,650	*7000 *15,900	*7000 *15,900	*9500 *20,450	7100 15,250	*7600 *16,400	5150 11,150	6200 13,350	4050 8,700	*2950 *6,650	2450 5,450	13 360 43'5"
-10 500 mm -35'0"	kg lb	*5650 *12,650	*5650 *12,650	*6600 *14,950	*6600 *14,950	*8300 *18,900	*8300 *18,900	*8750 *18,800	7300 15,800	*7100 *15,150	5300 11,500	*5850 *12,550	4150 9,000	*3900 *8,950	2950 6,600	11 960 38'7"
-12 000 mm -40'0"	kg lb			*7800 *17,600	*7800 *17,600	*9700 *20,550	*9700 *20,550	*7600 *16,100	*7600 *16,100	*6200 *13,050	5550 12,100	*5050 *10,550	4400 9,500	*4300 *9,450	3800 8,700	10 140 32'4"



ISO 10567



*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.

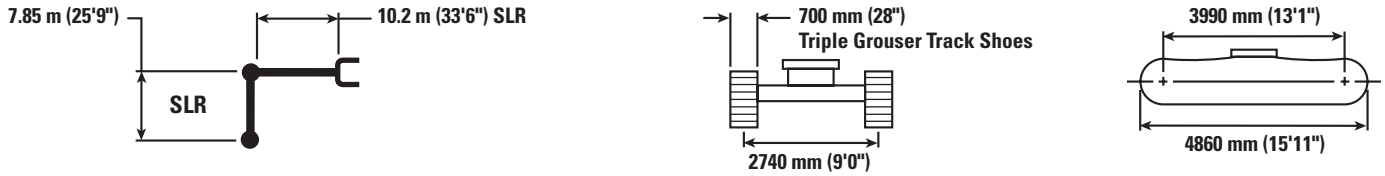
Lift capacity stays with ±5% for all available track shoes.

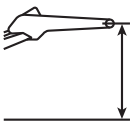













Always refer to the appropriate Operation and Maintenance Manual for specific product information.

(continued on next page)

333 Hydraulic Excavator Specifications

SLR Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket (continued)



		10 500 mm (35'0")		12 000 mm (40'0")		13 500 mm (45'0")		15 000 mm (50'0")		16 500 mm (55'0")				mm ft/in
														
12 000 mm 40'0"	kg lb					*3,300	*3,300					*1300	*1300	14 030 45'6"
10 500 mm 35'0"	kg lb							*1250	*1250			*1250	*1250	15 010 48'10"
9000 mm 30'0"	kg lb							*2050	*2050			*1250	*1250	15 780 51'6"
7500 mm 25'0"	kg lb					*2600	*2600	*2550	*2550			*1250	*1250	16 370 53'6"
6000 mm 20'0"	kg lb					*2750	*2750	*2700	2500	*1650	*1650	*1250	*1250	16 810 55'0"
4500 mm 15'0"	kg lb			*3050	*3050	*2950	*2950	*2850	2450	*2100	2050	*1250	*1250	17 110 56'1"
3000 mm 10'0"	kg lb	*3650	*3650	*3350	*3350	*3150	2850	*3000	2350	*2350	1950	*1300	*1300	17 270 56'7"
1500 mm 5'0"	kg lb	*4100	3950	*3650	3250	*3350	2700	*3150	2250	*2550	1900	*1350	*1350	17 300 56'8"
0 mm 0'0"	kg lb	*4500	3750	*3950	3100	*3600	2600	3300	2200	*2550	1850	*1450	*1450	17 190 56'4"
-1500 mm -5'0"	kg lb	*4850	3550	*4250	2950	3750	2500	3200	2100	*2350	1800	*1550	*1550	16 960 55'7"
-3000 mm -10'0"	kg lb	5150	3400	4300	2850	3650	2400	3150	2050	*1800	1800	*1650	*1650	16 580 54'3"
-4500 mm -15'0"	kg lb	5050	3300	4200	2750	3600	2350	3100	2050			*1850	*1850	16 050 52'6"
-6000 mm -20'0"	kg lb	5000	3250	4150	2700	3550	2350	*3000	2050			*2050	2000	15 360 50'2"
-7500 mm -25'0"	kg lb	5000	3250	4150	2700	3600	2350					*2400	2150	14 470 47'2"
-9000 mm -30'0"	kg lb	5050	3300	4250	2800							*2950	2450	13 360 43'5"
-10 500 mm -35'0"	kg lb	*4900	3400									*3900	2950	11 960 38'7"
-12 000 mm -40'0"	kg lb											*4300	3800	10 140 32'4"



ISO 10567



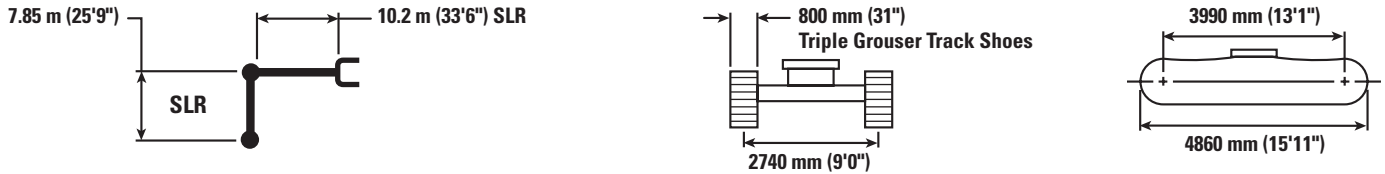
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

333 Hydraulic Excavator Specifications

SLR Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket



		1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")		mm ft/in			
12 000 mm 40'0"	kg lb													*1300 *2,850	*1300 *2,850	14 030 45'6"	
10 500 mm 35'0"	kg lb													*1250 *2,750	*1250 *2,750	15 010 48'10"	
9000 mm 30'0"	kg lb													*1250 *2,700	*1250 *2,700	15 780 51'6"	
7500 mm 25'0"	kg lb													*1250 *2,700	*1250 *2,700	16 370 53'6"	
6000 mm 20'0"	kg lb													*1250 *2,700	*1250 *2,700	16 810 55'0"	
4500 mm 15'0"	kg lb													*1250 *2,750	*1250 *2,750	17 110 56'1"	
3000 mm 10'0"	kg lb			*4000	*4000								*4100 *8,900	*4100 *8,900	*1300 *2,850	*1300 *2,850	17 270 56'7"
1500 mm 5'0"	kg lb			*1500 *3,450	*1500 *3,450	*5100 *12,000	*5100 *12,000	*7300 *15,750	*7300 *15,750	*5650 *12,250	*5650 *12,250	*4700 *10,150	*4700 *10,150	*1350 *2,950	*1350 *2,950	17 300 56'8"	
0 mm 0'0"	kg lb			*1650 *3,700	*1650 *3,700	*3550 *8,150	*3550 *8,150	*8200 *18,300	*7900 *17,050	*6450 *13,950	*5950 *12,800	*5250 *11,400	*4700 *10,100	*1450 *3,150	*1450 *3,150	17 190 56'4"	
-1500 mm -5'0"	kg lb	*1600 *3,550	*1600 *3,550	*2150 *4,750	*2150 *4,750	*3500 *7,900	*3500 *7,900	*6450 *14,800	*6450 *14,800	*7100 *15,350	5600 12,000	*5750 *12,400	4400 9,500	*1550 *3,350	*1550 *3,350	16 960 55'7"	
-3000 mm -10'0"	kg lb	*2200 *4,900	*2200 *4,900	*2700 *6,000	*2700 *6,000	*3850 *8,700	*3850 *8,700	*6200 *14,100	*6200 *14,100	*7550 *16,350	5350 11,500	*6100 *13,250	4250 9,100	*1650 *3,650	*1650 *3,650	16 580 54'3"	
-4500 mm -15'0"	kg lb	*2800 *6,250	*2800 *6,250	*3350 *7,450	*3350 *7,450	*4400 *9,950	*4400 *9,950	*6550 *14,850	*6550 *14,850	*7800 *16,950	5200 11,200	6300 13,600	4100 8,850	*1850 *4,050	*1850 *4,050	16 050 52'6"	
-6000 mm -20'0"	kg lb	*3450 *7,650	*3450 *7,650	*4000 *9,000	*4000 *9,000	*5150 *11,550	*5150 *11,550	*7200 *16,400	7000 15,100	*7950 *17,150	5150 11,100	6250 13,500	4050 8,750	*2050 *4,600	2050 4,450	15 360 50'2"	
-7500 mm -25'0"	kg lb	*4100 *9,200	*4100 *9,200	*4800 *10,700	*4800 *10,700	*6000 *13,500	*6000 *13,500	*8200 *18,700	7100 15,250	*7850 *17,000	5200 11,150	6250 13,500	4050 8,750	*2400 *5,400	2200 4,900	14 470 47'2"	
-9000 mm -30'0"	kg lb	*4850 *10,850	*4850 *10,850	*5650 *12,650	*5650 *12,650	*7000 *15,900	*7000 *15,900	*9500 *20,450	7250 15,600	*7600 *16,400	5300 11,400	*6300 *13,550	4100 8,900	*2950 *6,650	2500 5,600	13 360 43'5"	
-10 500 mm -35'0"	kg lb	*5650 *12,650	*5650 *12,650	*6600 *14,950	*6600 *14,950	*8300 *18,900	*8300 *18,900	*8750 *18,800	7450 16,100	*7100 *15,150	5450 11,750	*5850 *12,550	4250 9,200	*3900 *8,950	3000 6,750	11 960 38'7"	
-12 000 mm -40'0"	kg lb			*7800 *17,600	*7800 *17,600	*9700 *20,550	*9700 *20,550	*7600 *16,100	*7600 *16,100	*6200 *13,050	5700 12,350	*5050 *10,550	4450 9,700	*4300 *9,450	3850 8,850	10 140 32'4"	



ISO 10567



*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.

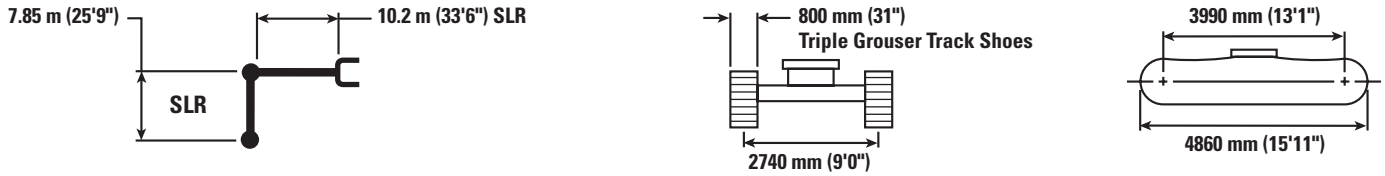
Lift capacity stays with ±5% for all available track shoes.

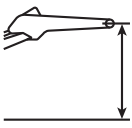













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(continued on next page)

333 Hydraulic Excavator Specifications

SLR Boom Lift Capacities – Counterweight: 7700 kg (16,980 lb) – with Bucket Linkages, without Bucket (continued)



		10 500 mm (35'0")		12 000 mm (40'0")		13 500 mm (45'0")		15 000 mm (50'0")		16 500 mm (55'0")				mm ft/in
														
12 000 mm 40'0"	kg lb					*3,300	*3,300					*1300	*1300	14 030 45'6"
10 500 mm 35'0"	kg lb							*1250	*1250			*1250	*1250	15 010 48'10"
9000 mm 30'0"	kg lb							*2050	*2050			*1250	*1250	15 780 51'6"
7500 mm 25'0"	kg lb					*2600	*2600	*2550	*2550			*1250	*1250	16 370 53'6"
6000 mm 20'0"	kg lb					*2750	*2750	*2700	2550	*1650	*1650	*1250	*1250	16 810 55'0"
4500 mm 15'0"	kg lb			*3050	*3050	*2950	*2950	*2850	2500	*2100	2050	*1250	*1250	17 110 56'1"
3000 mm 10'0"	kg lb	*3650	*3650	*3350	*3350	*3150	2900	*3000	2400	*2350	2000	*1300	*1300	17 270 56'7"
1500 mm 5'0"	kg lb	*4100	4050	*3650	3300	*3350	2750	*3150	2300	*2550	1950	*1350	*1350	17 300 56'8"
0 mm 0'0"	kg lb	*4500	3800	*3950	3150	*3600	2650	*3350	2250	*2550	1900	*1450	*1450	17 190 56'4"
-1500 mm -5'0"	kg lb	*4850	3600	*4250	3000	*3800	2550	3300	2150	*2350	1850	*1550	*1550	16 960 55'7"
-3000 mm -10'0"	kg lb	*5150	3450	4400	2900	3750	2450	3200	2100	*1800	*1800	*1650	*1650	16 580 54'3"
-4500 mm -15'0"	kg lb	5150	3350	4300	2800	3650	2400	3200	2100			*1850	*1850	16 050 52'6"
-6000 mm -20'0"	kg lb	5100	3300	4250	2800	3650	2400	*3000	2100			*2050	2050	15 360 50'2"
-7500 mm -25'0"	kg lb	5100	3300	4250	2800	3650	2400					*2400	2200	14 470 47'2"
-9000 mm -30'0"	kg lb	5100	3350	4350	2850							*2950	2500	13 360 43'5"
-10 500 mm -35'0"	kg lb	*4900	3500									*3900	3000	11 960 38'7"
-12 000 mm -40'0"	kg lb											*4300	3850	10 140 32'4"



ISO 10567



*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.

333 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Chile, Colombia

	Linkage	Width		Capacity		Weight		Fill	Mass Boom	HD Reach Boom	SLR Boom
		mm	in	m ³	yd ³	kg	lb				
Pin-On (No Quick Coupler)											
Heavy Duty	DB	1800	72	2.36	3.08	1788	3,911	100	⊙		
	DB	1600	63	2.00	2.62	1532	3,377	100	●	⊙	
Severe Duty	DB	1500	60	1.91	2.50	1678	3,696	90		⊙	
	DB	1650	65	2.30	3.01	1893	4,174	90	⊙		
Ditch Cleaning	312, A	1200	48	0.57	0.74	388	855	100			⊙
Maximum load with pin-on (payload + bucket)								kg	6031	5055	1435
								lb	13,296	11,144	3,164
With Pin Grabber Quick Coupler											
Heavy Duty	DB	1800	72	2.36	3.08	1788	3,911	100	⊙		
	DB	1600	63	2.00	2.62	1532	3,377	100	⊙		
Severe Duty	DB	1500	60	1.91	2.50	1678	3,696	90		⊖	
	DB	1650	65	2.30	3.01	1893	4,174	90	⊙		
Ditch Cleaning	312, A	1200	48	0.57	0.74	388	855	100			◇
Maximum load with coupler (payload + bucket)								kg	5505	4529	909
								lb	12,136	9,984	2,003

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)
- ◇ 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.

333 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Turkey

	Linkage	Width		Capacity		Weight		Fill	Mass Boom
		mm	in	m ³	yd ³	kg	lb	%	M2.5 (8'2")
Pin-On (No Quick Coupler)									
Heavy Duty	DB	1650	66	2.12	2.77	1691	3,729	100	⊙
	DB	1800	72	2.36	3.08	1788	3,911	100	⊙
Severe Duty	DB	1650	66	2.15	2.81	1816	4,004	90	●
	DB	1800	71	2.30	3.01	1914	4,220	90	⊙
Maximum load with pin-on (payload + bucket)								kg	6031
								lb	13,296
With Pin Grabber Quick Coupler									
Heavy Duty	DB	1650	66	2.12	2.77	1691	3,729	100	⊙
	DB	1800	72	2.36	3.08	1788	3,911	100	⊖
Severe Duty	DB	1650	66	2.15	2.81	1816	4,004	90	⊙
	DB	1800	71	2.30	3.01	1914	4,220	90	⊙
Maximum load with coupler (payload + bucket)								kg	5505
								lb	12,136

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)

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.

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Chile, Colombia

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

Match

No Match

PIN-ON ATTACHMENTS

Boom Type		Mass Boom	HD Reach Boom
Stick Length		M2.5 (8'2")	HD R3.2 (10'6")
Hydraulic Hammers	H130 GC	✓	✓
	H130 GC Side Mount	✓	✓
	H130 GC S	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 GC S	✓	
	H180 S	✓	
	Multi-Processors	MP324 Concrete Cutter Jaw	✓
MP324 Demolition Jaw		✓	✓
MP324 Pulverizer Jaw		✓	✓
MP324 Shear Jaw		✓	✓
MP324 Tank Shear Jaw		✓	✓
MP324 Universal Jaw		✓	✓
MP332 Concrete Cutter Jaw		✓	✓
MP332 Demolition Jaw		✓	✓
MP332 Pulverizer Jaw		✓	✓
MP332 Shear Jaw		✓	✓
MP332 Tank Shear Jaw		✓	✓
MP332 Universal Jaw		✓	✓
MP332 Concrete Cutter Jaw-Flat Top		✓	✓
MP332 Demolition Jaw-Flat Top		✓	✓
MP332 Pulverizer Jaw-Flat Top		✓	✓
MP332 Shear Jaw-Flat Top		✓	✓
MP332 Tank Shear Jaw-Flat Top		✓	✓
MP332 Universal Jaw-Flat Top	✓	✓	
Demolition and Sorting Grapples	G332	✓	✓
	G345	✓	✓
	G345 Flat Top	✓	✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Chile, Colombia *(continued)*

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

Match

No Match

1800 kg/m³ (3,000 lb/yd³)

1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Boom Type		Mass Boom	HD Reach Boom
Stick Length		M2.5 (8'2")	HD R3.2 (10'6")
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓
Pulverizers	P224 Secondary Pulverizer	✓	✓
	P232 Secondary Pulverizer	✓	✓
	P324 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓
Mulchers	HM5515		✓
	HM6015		✓
Orange Peel Grapples	GSH440-950	●	●
	GSH440-1150	●	●
	GSH440-1550	●	○
	GSH455-1000	●	●
	GSH455-1500	●	○
	GSH455-2000	●	
	GSH555-1000	●	●
	GSH555-1500	●	
Clamshell Grapples	CTV20-1500	●	●
	CTV20-2300	○	
	CTV30-1900	●	
	CTV30-2300	○	
	CTV30-2500	○	
Rotary Cutters	RC30		✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Chile, Colombia (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

CAT PIN GRABBER COUPLER ATTACHMENTS

Boom Type		Mass Boom	HD Reach Boom
Stick Length		M2.5 (8'2")	HD R3.2 (10'6")
Hydraulic Hammers	H130 GC	✓	✓
	H130 GC Side Mount	✓	✓
	H130 GC S	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 GC S	✓	
	H180 S	✓	
	Multi-Processors	MP324 Concrete Cutter Jaw	✓
MP324 Demolition Jaw		✓	✓
MP324 Pulverizer Jaw		✓	✓
MP324 Shear Jaw		✓	✓
MP324 Tank Shear Jaw		✓	✓
MP324 Universal Jaw		✓	✓
MP332 Concrete Cutter Jaw		✓	✓
MP332 Demolition Jaw		✓	✓
MP332 Pulverizer Jaw		✓	✓
MP332 Shear Jaw		✓	✓
MP332 Tank Shear Jaw		✓	✓*
MP332 Universal Jaw		✓	✓
MP332 Concrete Cutter Jaw-Flat Top		✓	✓*
MP332 Demolition Jaw-Flat Top		✓	✓*
MP332 Pulverizer Jaw-Flat Top		✓	✓*
MP332 Shear Jaw-Flat Top		✓	✓
MP332 Tank Shear Jaw-Flat Top		✓	
MP332 Universal Jaw-Flat Top	✓	✓*	
Demolition and Sorting Grapples	G332	✓	✓
	G345	✓	✓
	G345 Flat Top	✓	✓*
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓
Pulverizers	P224 Secondary Pulverizer	✓	✓
	P232 Secondary Pulverizer	✓	✓*
	P324 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓*
Compactors (Vibratory Plate)	CVP110	✓	✓
Mulchers	HM5515		✓
	HM6015		✓
Rotary Cutters	RC30		✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Chile, Colombia (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-45 DEDICATED COUPLER ATTACHMENTS

Boom Type		Mass Boom	HD Reach Boom
Stick Length		M2.5 (8'2")	HD R3.2 (10'6")
Hydraulic Hammers	H130 GC	✓	✓
	H130 GC S	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 GC S	✓	
	H180 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓
	MP324 Demolition Jaw	✓	✓
	MP324 Pulverizer Jaw	✓	✓
	MP324 Shear Jaw	✓	✓
	MP324 Tank Shear Jaw	✓	✓
	MP324 Universal Jaw	✓	✓
	MP332 Concrete Cutter Jaw	✓	✓
	MP332 Demolition Jaw	✓	✓
	MP332 Pulverizer Jaw	✓	✓
	MP332 Shear Jaw	✓	✓
	MP332 Tank Shear Jaw	✓	✓*
	MP332 Universal Jaw	✓	✓
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓
	MP332 Demolition Jaw-Flat Top	✓	✓*
	MP332 Pulverizer Jaw-Flat Top	✓	✓*
	MP332 Shear Jaw-Flat Top	✓	✓
	MP332 Tank Shear Jaw-Flat Top	✓	
	MP332 Universal Jaw-Flat Top	✓	✓*
	Demolition and Sorting Grapples	G332	✓
G345		✓	✓
G345 Flat Top		✓	✓*
Mobile Scrap and Demolition Shears	S3035-Flat Top	✓	✓
Pulverizers	P224 Secondary Pulverizer	✓	✓
	P232 Secondary Pulverizer	✓	✓
	P324 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓*
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC30		✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Chile, Colombia *(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

S80 DEDICATED COUPLER ATTACHMENTS

Boom Type		Mass Boom	HD Reach Boom
Stick Length		M2.5 (8'2")	HD R3.2 (10'6")
Hydraulic Hammers	H130 GC	✓	✓
	H130 GC S	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 GC S	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓*
	H160 GC S	✓	✓
	H160 S	✓	✓
	H180 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓
	MP324 Demolition Jaw	✓	✓
	MP324 Pulverizer Jaw	✓	✓
	MP324 Shear Jaw	✓	✓
	MP324 Tank Shear Jaw	✓	✓
	MP324 Universal Jaw	✓	✓
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓
	MP332 Demolition Jaw-Flat Top	✓	✓
	MP332 Pulverizer Jaw-Flat Top	✓	✓
	MP332 Shear Jaw-Flat Top	✓	✓
	MP332 Tank Shear Jaw-Flat Top	✓	
	MP332 Universal Jaw-Flat Top	✓	✓
	Demolition and Sorting Grapples	G332	✓
G345 Flat Top		✓	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓
Pulverizers	P224 Secondary Pulverizer	✓	✓
	P232 Secondary Pulverizer	✓	✓
	P324 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC30		✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Chile, Colombia (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

HCS80 DEDICATED COUPLER ATTACHMENTS

Boom Type		Mass Boom	HD Reach Boom
Stick Length		M2.5 (8'2")	HD R3.2 (10'6")
Hydraulic Hammers	H130 GC	✓	✓
	H130 S	✓	✓
	H140 GC	✓	✓
	H140 S	✓	✓
	H160 GC	✓	✓*
	H160 S	✓	✓
	H180 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓	✓
	MP324 Demolition Jaw	✓	✓
	MP324 Pulverizer Jaw	✓	✓
	MP324 Shear Jaw	✓	✓
	MP324 Tank Shear Jaw	✓	✓
	MP324 Universal Jaw	✓	✓
	MP332 Concrete Cutter Jaw-Flat Top	✓	✓
	MP332 Demolition Jaw-Flat Top	✓	✓*
	MP332 Pulverizer Jaw-Flat Top	✓	✓*
	MP332 Shear Jaw-Flat Top	✓	✓
	MP332 Tank Shear Jaw-Flat Top	✓	
	MP332 Universal Jaw-Flat Top	✓	✓*
Demolition and Sorting Grapples	G332	✓	✓
	G345 Flat Top	✓	✓*
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓	✓
Pulverizers	P224 Secondary Pulverizer	✓	✓
	P232 Secondary Pulverizer	✓	✓*
	P324 Primary Pulverizer	✓	✓
	P332 Primary Pulverizer-Flat Top	✓	✓*
Compactors (Vibratory Plate)	CVP110	✓	✓
Rotary Cutters	RC30		✓

BOOM-MOUNT ATTACHMENTS

Boom Type		Mass Boom	Reach HD
Mobile Scrap and Demolition Shears	S2070	✓	✓
	S2090	✓	✓
	S3070 Flat Top	✓	✓

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Turkey

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

Match

PIN-ON ATTACHMENTS

Boom Type		Mass Boom
Stick Length		M2.5 (8'2")
Hydraulic Hammers	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
	H140 GC	✓
	H140 GC S	✓
	H140 S	✓
	H160 GC	✓
	H160 GC S	✓
	H160 S	✓
	H180 GC	✓
	H180 GC S	✓
	H180 S	✓
	Multi-Processors	MP324 Concrete Cutter Jaw
MP324 Demolition Jaw		✓
MP324 Pulverizer Jaw		✓
MP324 Shear Jaw		✓
MP324 Tank Shear Jaw		✓
MP324 Universal Jaw		✓
MP332 Concrete Cutter Jaw		✓
MP332 Demolition Jaw		✓
MP332 Pulverizer Jaw		✓
MP332 Shear Jaw		✓
MP332 Tank Shear Jaw		✓
MP332 Universal Jaw		✓
MP332 Concrete Cutter Jaw-Flat Top		✓
MP332 Demolition Jaw-Flat Top		✓
MP332 Pulverizer Jaw-Flat Top		✓
MP332 Shear Jaw-Flat Top		✓
MP332 Tank Shear Jaw-Flat Top		✓
MP332 Universal Jaw-Flat Top		✓
Demolition and Sorting Grapples	G332	✓
	G345	✓
	G345 Flat Top	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓
Pulverizers	P224 Secondary Pulverizer	✓
	P232 Secondary Pulverizer	✓
	P324 Primary Pulverizer	✓
	P332 Primary Pulverizer	✓
	P332 Primary Pulverizer-Flat Top	✓
Compactors (Vibratory Plate)	CVP110	✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Turkey (continued)

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

1800 kg/m³ (3,000 lb/yd³)

1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS (continued)

Boom Type		Mass Boom
Stick Length		M2.5 (8'2")
Orange Peel Grapples	GSH440-950	●
	GSH440-1150	●
	GSH440-1550	●
	GSH455-1000	●
	GSH455-1500	●
	GSH455-2000	○
	GSH555-1000	●
	GSH555-1500	●
	GSM-50-1000	●
	GSM-50-1250	●
	GSM-50-1500	●
	GSM-50-2000	○
	Clamshell Grapples	CTV20-1300
CTV20-1500		●
CTV20-1700		●
CTV20-1900		●
CTV20-2300		○
CTV20-2700		○
CTV30-1700		●
CTV30-1900		●
CTV30-2300		○
CTV30-2700		○

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Turkey (continued)

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

Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Boom Type		Mass Boom
Stick Length		M2.5 (8'2")
Hydraulic Hammers	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
	H140 GC	✓
	H140 GC S	✓
	H140 S	✓
	H160 GC	✓
	H160 GC S	✓
	H160 S	✓
	H180 GC S	✓
H180 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓
	MP324 Demolition Jaw	✓
	MP324 Pulverizer Jaw	✓
	MP324 Shear Jaw	✓
	MP324 Tank Shear Jaw	✓
	MP324 Universal Jaw	✓
	MP332 Concrete Cutter Jaw	✓
	MP332 Demolition Jaw	✓
	MP332 Pulverizer Jaw	✓
	MP332 Shear Jaw	✓
	MP332 Tank Shear Jaw	✓
	MP332 Universal Jaw	✓
	MP332 Concrete Cutter Jaw-Flat Top	✓
	MP332 Demolition Jaw-Flat Top	✓
	MP332 Pulverizer Jaw-Flat Top	✓
	MP332 Shear Jaw-Flat Top	✓
MP332 Tank Shear Jaw-Flat Top	✓	
MP332 Universal Jaw-Flat Top	✓	
Demolition and Sorting Grapples	G332	✓
	G345	✓
	G345 Flat Top	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓
Pulverizers	P224 Secondary Pulverizer	✓
	P232 Secondary Pulverizer	✓
	P324 Primary Pulverizer	✓
	P332 Primary Pulverizer	✓
	P332 Primary Pulverizer-Flat Top	✓
Compactors (Vibratory Plate)	CVP110	✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Turkey (continued)

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

Match

CW-45s DEDICATED COUPLER ATTACHMENTS

Boom Type		Mass Boom
Stick Length		M2.5 (8'2")
Hydraulic Hammers	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
	H140 GC	✓
	H140 GC S	✓
	H140 S	✓
	H160 GC	✓
	H160 GC S	✓
	H160 S	✓
	H180 GC S	✓
H180 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓
	MP324 Demolition Jaw	✓
	MP324 Pulverizer Jaw	✓
	MP324 Shear Jaw	✓
	MP324 Tank Shear Jaw	✓
	MP324 Universal Jaw	✓
	MP332 Concrete Cutter Jaw	✓
	MP332 Demolition Jaw	✓
	MP332 Pulverizer Jaw	✓
	MP332 Shear Jaw	✓
	MP332 Tank Shear Jaw	✓
	MP332 Universal Jaw	✓
	MP332 Concrete Cutter Jaw-Flat Top	✓
	MP332 Demolition Jaw-Flat Top	✓
	MP332 Pulverizer Jaw-Flat Top	✓
	MP332 Shear Jaw-Flat Top	✓
MP332 Tank Shear Jaw-Flat Top	✓	
MP332 Universal Jaw-Flat Top	✓	
Demolition and Sorting Grapples	G332	✓
	G345	✓
	G345 Flat Top	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓
Pulverizers	P224 Secondary Pulverizer	✓
	P232 Secondary Pulverizer	✓
	P324 Primary Pulverizer	✓
	P332 Primary Pulverizer	✓
	P332 Primary Pulverizer-Flat Top	✓
Compactors (Vibratory Plate)	CVP110	✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Turkey (continued)

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

Match

CW-45 DEDICATED COUPLER ATTACHMENTS

Boom Type		Mass Boom
Stick Length		M2.5 (8'2")
Hydraulic Hammers	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
	H140 GC	✓
	H140 GC S	✓
	H140 S	✓
	H160 GC	✓
	H160 GC S	✓
	H160 S	✓
	H180 GC S	✓
H180 S	✓	
Multi-Processors	MP324 Concrete Cutter Jaw	✓
	MP324 Demolition Jaw	✓
	MP324 Pulverizer Jaw	✓
	MP324 Shear Jaw	✓
	MP324 Tank Shear Jaw	✓
	MP324 Universal Jaw	✓
	MP332 Concrete Cutter Jaw	✓
	MP332 Demolition Jaw	✓
	MP332 Pulverizer Jaw	✓
	MP332 Shear Jaw	✓
	MP332 Tank Shear Jaw	✓
	MP332 Universal Jaw	✓
	MP332 Concrete Cutter Jaw-Flat Top	✓
	MP332 Demolition Jaw-Flat Top	✓
	MP332 Pulverizer Jaw-Flat Top	✓
	MP332 Shear Jaw-Flat Top	✓
MP332 Tank Shear Jaw-Flat Top	✓	
MP332 Universal Jaw-Flat Top	✓	
Demolition and Sorting Grapples	G332	✓
	G345	✓
	G345 Flat Top	✓
Mobile Scrap and Demolition Shears	S3035 Flat Top	✓
Pulverizers	P224 Secondary Pulverizer	✓
	P232 Secondary Pulverizer	✓
	P324 Primary Pulverizer	✓
	P332 Primary Pulverizer	✓
	P332 Primary Pulverizer-Flat Top	✓
Compactors (Vibratory Plate)	CVP110	✓

(continued on next page)

333 Hydraulic Excavator Specifications

Attachments Offering Guide – Turkey (continued)

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

Match

No Match

BOOM-MOUNT ATTACHMENTS

Boom Type		Mass Boom
Stick Length		M2.5 (8'2")
Mobile Scrap and Demolition Shears	S2070	✓
	S2090	✓
	S3070 Flat Top	✓

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
BOOMS, STICKS AND LINKAGES			CAT TECHNOLOGY		
5.55 m (18'2") Mass boom	✓ ¹		VisionLink®*	✓	
6.15 m (20'2") HD Reach boom		✓ ²	Remove Flash	✓	
10.2 m (33'6") Super Long Reach boom		✓ ²	Remote Troubleshoot	✓	
2.5 m (8'2") Mass stick	✓ ¹		ELECTRICAL SYSTEM		
3.2 m (10'6") Reach stick		✓ ²	Maintenance-free 1,000 CCA batteries	✓	
7.85 m (25'9") Super Long Reach stick		✓ ²	Centralized electrical disconnect switch	✓	
Bucket linkage, DB-type with lifting eye	✓ ²		Programmable time-delay working lights	✓	
Bucket linkage, DB-type without lifting eye	✓ ³		LED chassis, boom and cab lights	✓	
Bucket linkage, A-type with lifting eye		✓ ²	ENGINE		
CAB			Cat® C7.1 twin turbo diesel engine	✓	
ROPS, standard sound suppression	✓		Two selectable modes: Power, Smart	✓	
High-resolution 203 mm (8") LCD touchscreen monitor	✓		4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
Auto bi-level air conditioner	✓		Electric cooling fans with auto-reverse function	✓	
Keyless push-to-start engine control	✓		Auto engine speed control	✓	
Height-adjustable console, three steps with tool	✓		Auto engine idle shutdown	✓	
Fixed left-side console	✓		Electric fuel priming pump	✓	
Mechanical-suspension seat	✓		50° C (122° F) high-ambient cooling capacity	✓	
51 mm (2") seat belt	✓		-18° C (0° F) cold start capability	✓	
Console mounted radio (with Bluetooth® pairing and USB port)	✓		Cold start, ether		✓ ²
24V DC outlet	✓		Double element air filter with integrated pre-cleaner	✓	
Document storage	✓		2 × 115 amp dual alternator	✓	
Cup and bottle holders	✓		Two-stage fuel filtration system with water separator and indicator	✓	
Coat hook	✓				
Openable two-piece front window	✓				
Rear window emergency exit	✓				
Upper radial wiper with washer	✓				
Openable steel hatch	✓				
LED dome light	✓				
Roller front sunscreen	✓				
Roller rear sunscreen		✓			
Washable floor mat	✓				
Beacon ready	✓				
Cat stick steer		✓			

(continued on next page)

¹Optional Chile, Colombia

²Chile, Colombia only

³Turkey only

*Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

333 Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
HYDRAULIC SYSTEM			SERVICE AND MAINTENANCE		
Electronic main control valve	✓		Side entry to service platform	✓	
Boom and stick regeneration circuits	✓		Grouped location of engine oil and fuel filters	✓	
Tandem type electronic main pump	✓		Scheduled Oil Sampling (S·O·S SM) ports	✓	
Auto warm up	✓		Ground-level 2nd dipstick for engine oil	✓	
Auto two-speed travel	✓		Integrated vehicle health management system	✓	
Hammer return filter	✓		UNDERCARRIAGE AND STRUCTURES		
Boom and stick drift reduction valve	✓		Long undercarriage	✓	
Element type main hydraulic filter	✓		600 mm (24") double grouser track shoes		✓
SAFETY AND SECURITY			600 mm (24") triple grouser track shoes		✓ ³
Auto hammer stop	✓		600 mm (24") HD triple grouser track shoes		✓ ³
Rearview camera	✓		700 mm (28") triple grouser track shoes		✓ ²
Right-hand-side mirror		✓ ²	800 mm (31") triple grouser track shoes		✓ ²
Right-hand-sideview cameras (mandatory for Turkey)		✓	Full-length segmented track guiding guards		✓
Ground-level engine shutoff switch	✓		Three-piece segmented track guiding guards		✓
Right-hand handrail and hand hold	✓		Travel motor guards		✓
Signaling/warning horn	✓		HD travel motor guards		✓
Service platform with anti-skid plate and countersunk bolts	✓		Bottom guards		✓ ³
Hydraulic lock out lever neutralizes all controls	✓		HD bottom guards		✓ ³
Lockable disconnect switch	✓		Swivel guard		✓
Travel alarm		✓	Grease lubricated track links	✓	
Swing alarm		✓	7700 kg (16,980 lb) counterweight	✓	
			Tie-down points	✓	

²Chile, Colombia only

³Turkey only

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Radial lower wiper for 70/30 with washer
- RH electrical pedal (two-way) for tool control
- LH electrical pedal (two-way) for tool control
- Polycarbonate roof hatch
- Slider, sun visor
- P5A laminated glass front windshield

GUARDS

- Falling object guard system (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
- Swivel guard (6 mm/0.24" thick)
- HD swivel guard (16 mm/0.63" thick)
- Side rubber bumper guard
- Full protecting vandalism guard (not compatible with cab light cover, rain protector)

SERVICE AND MAINTENANCE

- Duct ready kit or advanced cabin filtration

SAFETY AND SECURITY

- Bluetooth receiver
- Key fob (for use with Bluetooth receiver)
- 75 mm (3") retractable seat belt

OTHER

- Grease gun holder
- Storage box strap

333 Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability>.

Engine

- The Cat® C7.1 meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

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 (1.9 lb) of refrigerant which has a CO₂ equivalent of 1.216 metric tonnes (1.340 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

Sound Performance

Exterior Sound Power Level (ISO 6395:2008) – 103 dB(A)

Operator Sound Pressure Level (ISO 6396:2008) – 70 dB(A)

- 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.

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Smart mode matches machine power to digging requirements automatically
 - Push-to-start engine with automatic engine speed control
 - Cut maintenance costs with extended service intervals
 - Reduce fuel consumption with the high-efficiency hydraulic fan that cools the engine on demand
 - The hydraulic oil filter provides longer life with a 3,000-hour replacement interval – 50% longer than previous filter designs
 - Remote Flash and Remote Troubleshoot

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

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

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AEXQ3651-01 (04-2024)
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Build Number: 07F
(Chile, Colombia, Turkey)

