325
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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325 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C4.4	
Net Power		
ISO 9249	128.5 kW	172 hp
ISO 9249 (DIN)	175 hp (metric)	
Engine Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (DIN)	176 hp (metric)	
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.4 L	269 in³
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 (14,760 ft) altitude with engine power derate above 3000 m (9,840 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	11.1 rpm	
Maximum Swing Torque	82 kN·m	60,480 lbf·ft

Weights

Operating Weight	28 400 kg	62,600 lb

- Long undercarriage, Reach boom, R2.9B1 (9'6") stick, Heavy Duty (HD) 1.19 m³ (1.56 yd³) bucket, 790 mm (31") HD triple grouser shoes and 8.3 mt (18,300 lb) counterweight.

Operating Weight	26 700 kg	58,900 lb

- Long undercarriage, Reach boom, R2.9B1 (9'6") stick, General Duty (GD) 1.30 m³ (1.7 yd³) bucket, 790 mm (31") HD triple grouser shoes and 6.7 mt (14,770 lb) counterweight.

Operating Weight	26 200 kg	57,800 lb

- Long undercarriage, Reach boom, R2.9B1 (9'6") stick, HD 1.19 m³ (1.56 yd³) bucket, 600 mm (24") HD triple grouser shoes and 4.9 mt (10,800 lb) counterweight + blade.

Track

Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	790 mm	31 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull	201 kN	45,232 lbf

Hydraulic System

Main System – Maximum Flow – Implement	429 L/min	113 gal/min
Maximum Pressure – Equipment – Implement	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode/Auto Dig Boost	38 000 kPa	5,510 psi
Maximum Pressure – Travel	35,000 kPa	5,075 psi
Maximum Pressure – Swing	27 500 kPa	3,988 psi
Auxiliary Pump (optional) – Maximum Flow	51 L/min	13 gal/min
Auxiliary Pump (optional) – Maximum Pressure	14 000 kPa	2,031 psi
Auxiliary Pump for 2980 mm (9'9") Blade (optional) – Maximum Flow	73 L/min	19 gal/min
Auxiliary Pump for 3170 mm (10'5") Blade (optional) – Maximum Flow	92 L/min	24 gal/min
Auxiliary Pump for Blade (optional) – Maximum Pressure	24 500 kPa	3,553 psi
Boom Cylinder – Bore	125 mm	5 in
Boom Cylinder – Stroke	1410 mm	56 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

Service Refill Capacities

Fuel Tank Capacity	313 L	82.7 gal
Cooling System	11.8 L	3.1 gal
Engine Oil (with filter)	15 L	4.0 gal
Swing Drive	5.5 L	1.5 gal
Final Drive (each)	4.5 L	1.2 gal
Hydraulic System (including tank)	230 L	60.8 gal
Hydraulic Tank (including suction pipe)	111 L	29.3 gal
Diesel Exhaust Fluid (DEF) Tank	26 L	6.9 gal

Standards

Brakes	ISO 10265:2008
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

Sound Performance

ISO 6395:2008 (external)	97 dB(A)
ISO 6396:2008 (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.

Operating Weights and Ground Pressures

	600 mm (24 in) HD Triple Grouser Shoes		790 mm (31 in) HD Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure
Base Frame with Track Rollers and Carrier Rollers				
Base Machine with 8.3 mt (18,300 lb) Counterweight and Long Undercarriage				
Reach Boom + R2.9B1 (9'6") Stick + 1.19 m³ (1.56 yd³) HD Bucket + Auxiliary (AUX) Lines	27 800 kg (61,300 lb)	57.8 kPa (8.4 psi)	28 400 kg (62,600 lb)	44.9 kPa (6.5 psi)
Base Machine with 6.7 mt (14,770 lb) Counterweight and Long Undercarriage				
Reach Boom + R2.9B1 (9'6") Stick + GD 1.30 m³ (1.7 yd³) Bucket + AUX Lines	26 000 kg (57,300 lb)	54.1 kPa (7.8 psi)	26 700 kg (58,900 lb)	42.2 kPa (6.1 psi)
Base Machine with 4.9 mt (10,800 lb) Counterweight and Long Undercarriage				
Reach Boom + R2.9B1 (9'6") Stick + 1.19 m³ (1.56 yd³) HD Bucket + Blade + AUX Lines	26 200 kg (57,800 lb)	54.5 kPa (7.9 psi)	26 900 kg (59,300 lb)	42.5 kPa (6.2 psi)

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

325 Hydraulic Excavator Specifications

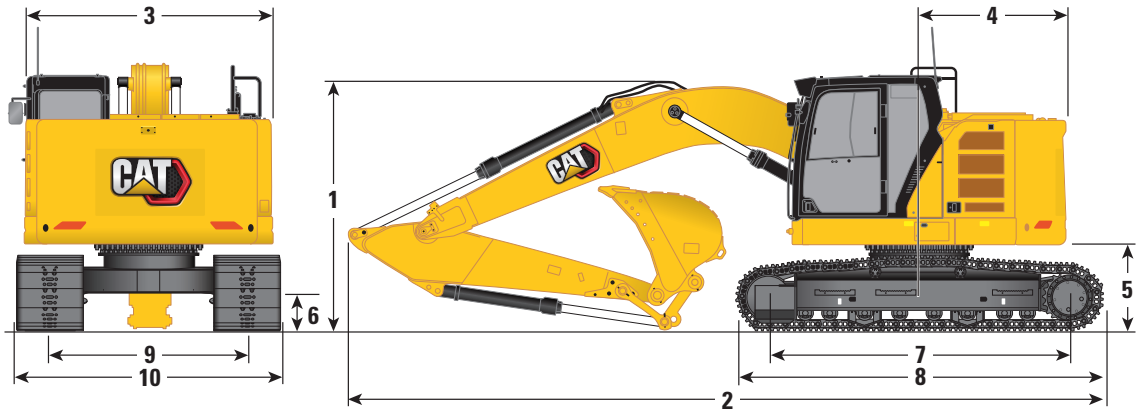
Major Component Weights

	kg	lb
Base Machine Weight (with upper frame, long undercarriage, counterweight, two boom cylinders – does not include boom, stick, bucket, blade, stick cylinder, bucket cylinder, tracks, fuel tank and operator).		
With 8.3 mt (18,300 lb) Counterweight (for use with Reach boom)	20 250	44,640
With 6.7 mt (14,800 lb) Counterweight (for use with Reach boom)	18 650	41,110
With 6.7 mt (14,800 lb) Counterweight (for use with Variable Angle boom)	18 580	40,960
With 4.9 mt (10,800 lb) Counterweight (for use with Reach boom and blade)	17 490	38,540
With 4.9 mt (10,800 lb) Counterweight (for use with Variable Angle boom and blade)	17 850	39,340
Track Shoes:		
600 mm (24") HD Triple Grouser Track Shoes	3190	7,040
790 mm (31") HD Triple Grouser Track Shoes with Step Extension	3860	8,500
Two Boom Cylinders (for Reach boom)	420	940
Two Boom Cylinders with Lowering Control Valve (for Reach boom)	440	960
Two Boom Cylinders (for Variable Angle [VA] boom)	360	790
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	310	690
Blades (including lines, cylinders, frame modifications):		
2980 mm (9'9") Blade (for use with 4.9 mt [10,800 lb] counterweight and 600 mm [24"] track shoes)	1150	2,540
3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 790 mm [31"] track shoes)	1190	2,620
Counterweights:		
4.9 mt (10,800 lb) Counterweight	4900	10,800
6.7 mt (14,770 lb) Counterweight	6700	14,770
8.3 mt (18,300 lb) Counterweight	8300	18,300
Swing Frames:		
Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade	7050	15,530
Swing Frame with Standard Base Frame and SD Track Rollers for 6.7 mt (14,770 lb) Counterweight – without Blade	6960	15,350
Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade	6960	15,350
Undercarriages:		
Long Undercarriage without Blade	4560	10,050
Long Undercarriage for use with Blade	5120	11,290
Booms (including lines, pins, stick cylinder):		
Reach Boom 5.7 m (18'8")	1720	3,790
Variable Angle Boom (2.7 m [8'10"] Stub + 3.3 m [10'10"] Fore)	2870	6,320
AUX lines High Pressure + Quick Coupler (HP + QC) (for use with Reach boom only)	130	290
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R2.9B1 (9'6")	1030	2,270
Thumb Ready Stick R2.9B1 (9'6")	1160	2,570
AUX lines (HP + QC)	60	130
Buckets (without linkage, with tips and side cutters):		
1.19 m^3 (1.56 yd^3) HD	1040	2,290
1.30 m^3 (1.7 yd^3) GD	880	1,950
Quick Couplers:		
Pin Grabber QC B without Pins	430	940
CW QC B without Pins	250	550

Refer to pages 28-29 for a complete list of bucket options.

Dimensions

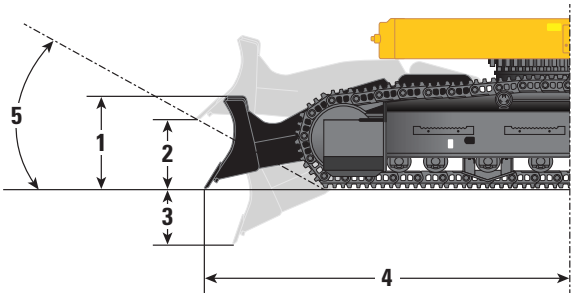
All dimensions are approximate and may vary depending on bucket selection.



Boom Options	Reach Boom 5.7 m (18'8")		Variable Angle Boom 2.7 m/3.3 m (8'10"/10'10")	
Stick Option	**Reach Stick R2.9B1 (9'6")**		**Reach Stick R2.9B1 (9'6")**	
1 Machine Height:				
Top of Cab Height	3080 mm	10'1"	3080 mm	10'1"
Top of GNSS Antenna Height (if installed)	2620 mm	8'7"	2620 mm	8'7"
Top of OPG Height	3220 mm	10'7"	3220 mm	10'7"
Shipping Height without OPG	3210 mm	10'6"	3210 mm	10'6"
Handrail Height	3190 mm	10'5"	3190 mm	10'5"
With Boom/Stick/Bucket Installed	3170 mm	10'5"	3040 mm	10'0"
With Boom/Stick Installed	2990 mm	9'10"	3040 mm	10'0"
With Boom Installed	2600 mm	8'6"	2600 mm	8'6"
With Boom/Stick/Bucket Installed (with auxiliary lines)	3200 mm	10'6"	3190 mm	10'6"
With Boom/Stick Installed (with auxiliary lines)	3110 mm	10'2"	3040 mm	10'0"
With Boom Installed (with auxiliary lines)	2790 mm	9'2"	3040 mm	10'0"
2 Machine Length:				
With Boom/Stick/Bucket Installed (with/without auxiliary lines)	8890 mm	29'2"	9180 mm	30'1"
With Boom/Stick Installed (with/without auxiliary lines)	8850 mm	29'0"	8910 mm	29'3"
With Boom Installed (with/without auxiliary lines)	7780 mm	25'6"	8060 mm	26'5"
With Blade Installed (with auxiliary lines)	9590 mm	31'6"	9870 mm	32'5"
3 Upperframe Width	2990 mm	9'10"	2990 mm	9'10"
4 Tail Swing Radius:				
4.9 mt (10,800 lb) Counterweight	1780 mm	5'10"	1780 mm	5'10"
6.7 mt (14,770 lb) Counterweight	1810 mm	5'11"	1810 mm	5'11"
8.3 mt (18,300 lb) Counterweight	1810 mm	5'11"	1810 mm	5'11"
5 Counterweight Clearance	1020 mm	3'4"	1020 mm	3'4"
6 Ground Clearance	440 mm	1'5"	440 mm	1'5"
7 Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"
8 Track Length	4460 mm	14'7"	4460 mm	14'7"
9 Track Gauge	2380 mm	7'10"	2380 mm	7'10"
10 Undercarriage Width:				
600 mm (24") Shoes	2980 mm	9'9"	2980 mm	9'9"
790 mm (31") Shoes	3170 mm	10'5"	3170 mm	10'5"
Bucket Type	HD		HD	
Bucket Capacity	1.19 m^3	1.56 yd^3	1.19 m^3	1.56 yd^3
Bucket Tip Radius	1570 mm	5'2"	1570 mm	5'2"

Blade Dimensions

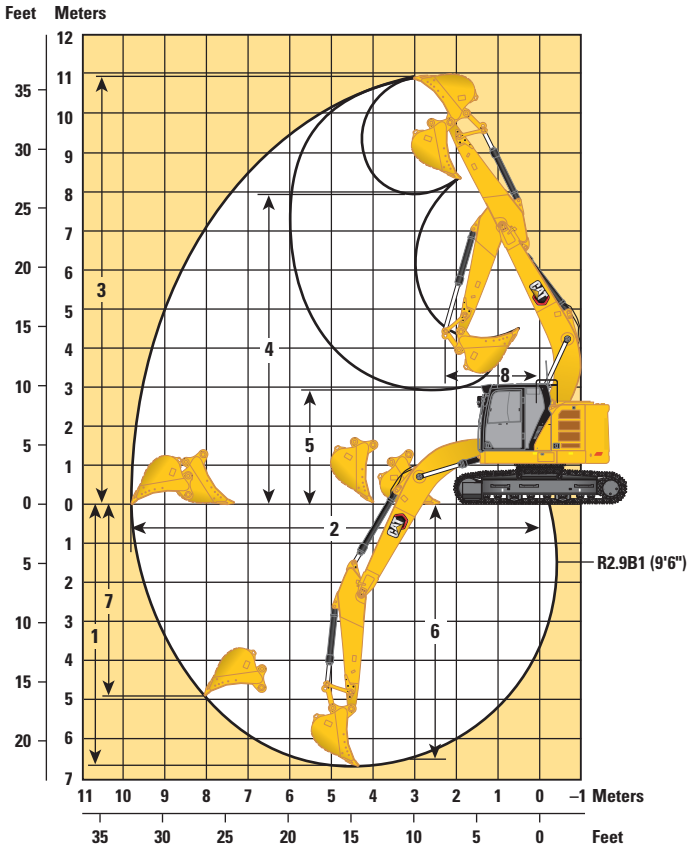
All dimensions are approximate.

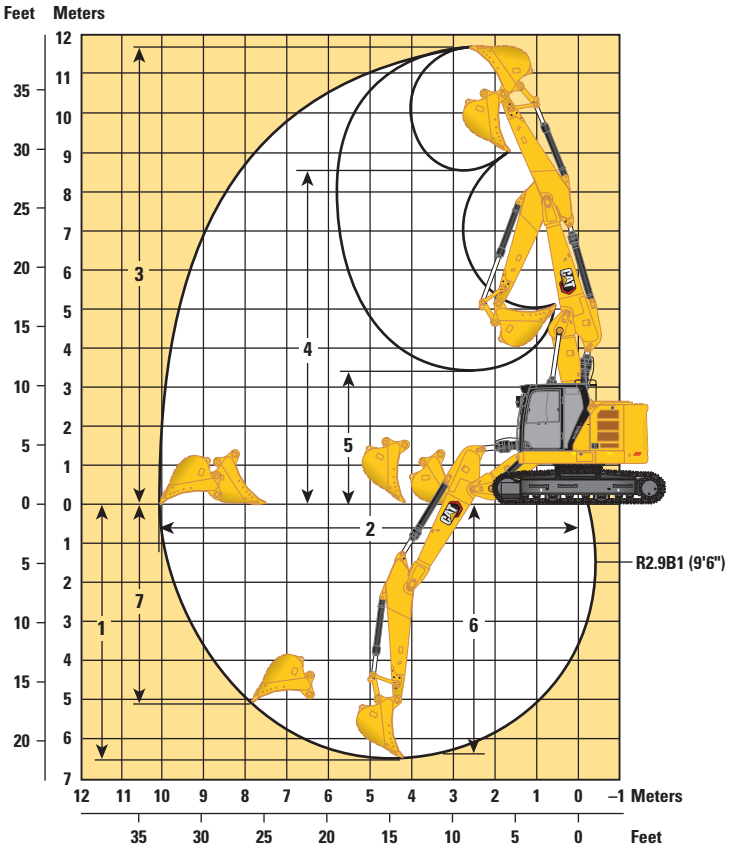


Blade Options	2980 mm (9'8")		3170 mm (10'4")	
Recommended Track Shoe Width	**600 mm (24")**		**790 mm (31")**	
1 Blade Moldboard Height	696 mm	2'3"	696 mm	2'3"
2 Blade Maximum Cutting Edge Rise	585 mm	1'11"	585 mm	1'11"
3 Blade Minimum Cutting Edge Depth	467 mm	1'6"	467 mm	1'6"
4 Blade Edge from Machine Center	2930 mm	9'7"	2930 mm	9'7"
5 Ramp Angle	28.8 degrees		28.8 degrees	
Blade Down Force (ground level)	151.4 kN	34.0 kLbf	151.4 kN	34.0 kLbf
Blade Down Force (maximum)	170.6 kLbf	38.4 kN	170.6 kLbf	38.4 kN

Working Ranges

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

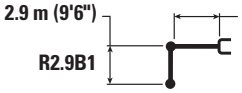


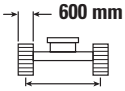


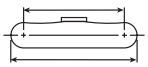
Boom Options	Reach Boom 5.7 m (18'8")		Variable Angle Boom 2.7 m/3.3 m (8'10"/10'10")	
Stick Option	**Reach Stick R2.9B1 (9'6")**		**Reach Stick R2.9B1 (9'6")**	
1 Maximum Digging Depth	6700 mm	22'0"	6520 mm	21'5"
2 Maximum Reach at Ground Line	9780 mm	32'1"	10 130 mm	33'3"
3 Maximum Cutting Height	10 970 mm	36'0"	11 680 mm	38'4"
4 Maximum Loading Height	7900 mm	25'9"	8540 mm	28'0"
5 Minimum Loading Height	2980 mm	9'8"	3420 mm	11'3"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6520 mm	21'4"	6420 mm	21'1"
7 Maximum Vertical Wall Digging Depth	4880 mm	16'0"	5150 mm	16'11"
8 Minimum Front Swing Radius	2280 mm	7'6"	—	—
Bucket Digging Force (ISO)	150 kN	33,811 lbf	150 kN	33,720 lbf
Stick Digging Force (ISO)	106 kN	23,911 lbf	108 kN	24,280 lbf
Bucket Digging Force (ISO) – Auto Dig Boost	163 kN	36,610 lbf	163 kN	36,610 lbf
Stick Digging Force (ISO) – Auto Dig Boost	115 kN	25,870 lbf	117 kN	26,360 lbf
Bucket Type	HD		HD	
Bucket Capacity	1.19 m^3	1.56 yd^3	1.19 m^3	1.56 yd^3
Bucket Tip Radius	1570 mm	5'2"	1570 mm	5'2"

325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 8.3 mt (18,300 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,350**	*5000 ***11,350**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6200 ***13,650**	*6200 ***13,650**	*5350 ***10,150**	*5350 ***10,150**			*4200 ***9,350**	*4200 ***9,350**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,050**	*6400 **13,800**			*3950 ***8,700**	*3950 ***8,700**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	*8150 ***17,600**	*7050 ***15,300**	6250 **13,450**	*6300 ***12,700**	4500 **9,600**	*3900 ***8,550**	*3900 ***8,550**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 250 ***22,100**	9050 **19,550**	*8000 ***17,350**	6000 **12,950**	6800 **14,650**	4350 **9,400**	*4000 ***8,800**	3750 **8,250**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*12 050 ***26,050**	8600 **18,500**	*8900 ***19,300**	5800 **12,450**	6700 **14,400**	4250 **9,150**	*4250 ***9,350**	3650 **8,050**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7450 ***17,000**	*7450 ***17,000**	*12 850 ***27,800**	8350 **17,950**	9100 **19,600**	5650 **12,100**	6600 **14,200**	4200 **9,000**	*4750 ***10,450**	3750 **8,250**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,300**	*7750 ***17,300**	*12 400 ***28,100**	*12 400 ***28,100**	*12 600 ***27,350**	8300 **17,800**	9050 **19,450**	5550 **12,000**	6600 **12,700**	4150 **9,000**	*5650 ***12,400**	4050 **8,950**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,950**	*12 900 ***28,950**	*15 750 ***34,150**	*15 750 ***34,150**	*11 400 ***24,600**	8350 **17,950**	*8450 ***18,150**	5600 **12,100**			*7100 ***15,650**	4850 **10,700**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,100**	*11 800 ***25,100**	*8600 ***18,100**	*8600 ***18,100**					*6850 ***14,950**	*6850 ***14,950**	5.32 **17.50**

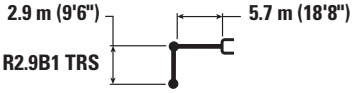
* **ISO 10567:2007**

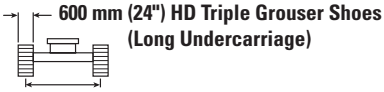
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

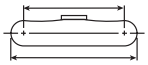
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 8.3 mt (18,300 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6100 ***13,500**	*6100 ***13,500**	*5300 ***10,050**	*5300 ***10,050**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6600 ***14,350**	*6600 ***14,350**	*6350 ***13,850**	*6350 **13,650**			*3900 ***8,650**	*3900 ***8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 600 ***22,500**	*10 600 ***22,500**	*8100 ***17,450**	*8100 ***17,450**	*6950 ***15,100**	6200 **13,300**	*6250 ***12,650**	4400 **9,450**	*3850 ***8,500**	*3850 ***8,500**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 150 ***21,850**	8950 **19,350**	*7900 ***17,100**	5950 **12,750**	6750 **14,500**	4300 **9,250**	*3950 ***8,700**	3700 **8,100**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*11 950 ***25,750**	8450 **18,250**	*8800 ***19,050**	5700 **12,250**	6600 **14,250**	4200 **9,000**	*4250 ***9,300**	3600 **7,850**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	*12 700 ***27,500**	8200 **17,650**	9000 **19,350**	5550 **11,900**	6500 **14,050**	4100 **8,800**	*4700 ***10,350**	3650 **8,050**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7700 ***17,200**	*7700 ***17,200**	*12 350 ***28,050**	*12 350 ***28,050**	*12 450 ***27,000**	8150 **17,550**	8950 **19,200**	5450 **11,750**	6500 ***12,650**	4100 **8,800**	*5600 ***12,300**	4000 **8,800**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 600 ***33,750**	*15 600 ***33,750**	*11 250 ***24,300**	8250 **17,700**	*8350 ***17,950**	5500 **11,900**			*7000 ***15,400**	4750 **10,500**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 600 ***24,750**	*11 600 ***24,750**	*8450 ***17,850**	*8450 ***17,850**					*6750 ***14,700**	*6750 ***14,700**	5.32 **17.50**

* 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.

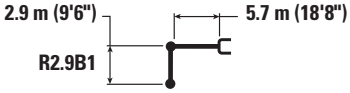
Lift capacity stays with ±5% for all available track shoes.

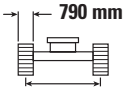
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

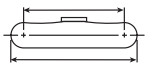
TRS = Thumb Ready Stick

325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 8.3 mt (18,300 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,350**	*5000 ***11,350**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6200 ***13,650**	*6200 ***13,650**	*5350 ***10,150**	*5350 ***10,150**			*4200 ***9,350**	*4200 ***9,350**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,050**	*6400 ***14,050**			*3950 ***8,700**	*3950 ***8,700**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	*8150 ***17,600**	*7050 ***15,300**	6400 **13,750**	*6300 ***12,700**	4600 **9,850**	*3900 ***8,550**	*3900 ***8,550**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 250 ***22,100**	9250 **19,950**	*8000 ***17,350**	6150 **13,250**	*6900 **15,000**	4500 **9,600**	*4000 ***8,800**	3850 **8,450**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*12 050 ***26,050**	8800 **18,950**	*8900 ***19,300**	5900 **12,750**	6850 **14,750**	4350 **9,400**	*4250 ***9,350**	3750 **8,200**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7450 ***17,000**	*7450 ***17,000**	*12 850 ***27,800**	8550 **18,400**	9300 **20,050**	5750 **12,400**	6750 **14,550**	4300 **9,200**	*4750 ***10,450**	3850 **8,450**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,300**	*7750 ***17,300**	*12 400 ***28,100**	*12 400 ***28,100**	*12 600 ***27,350**	8450 **18,250**	9250 **19,900**	5700 **12,250**	6750 ***12,700**	4250 **9,200**	*5650 ***12,400**	4150 **9,200**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,950**	*12 900 ***28,950**	*15 750 ***34,150**	*15 750 ***34,150**	*11 400 ***24,600**	8550 **18,400**	*8450 ***18,150**	5750 **12,400**			*7100 ***15,650**	4950 **10,950**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,100**	*11 800 ***25,100**	*8600 ***18,100**	*8600 ***18,100**					*6850 ***14,950**	*6850 ***14,950**	5.32 **17.50**

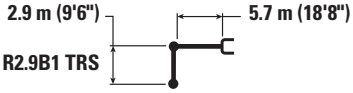
* **ISO 10567:2007**

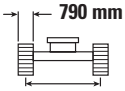
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

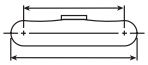
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 8.3 mt (18,300 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6100 ***13,500**	*6100 ***13,500**	*5300 ***10,050**	*5300 ***10,050**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6600 ***14,350**	*6600 ***14,350**	*6350 ***13,850**	*6350 ***13,850**			*3900 ***8,650**	*3900 ***8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 600 ***22,500**	*10 600 ***22,500**	*8100 ***17,450**	*8100 ***17,450**	*6950 ***15,100**	6300 **13,600**	*6250 ***12,650**	4500 **9,700**	*3850 ***8,500**	*3850 ***8,500**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 150 ***21,850**	9150 **19,750**	*7900 ***17,100**	6050 **13,050**	*6800 ***14,800**	4400 **9,450**	*3950 ***8,700**	3750 **8,300**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*11 950 ***25,750**	8650 **18,700**	*8800 ***19,050**	5800 **12,550**	6750 **14,550**	4300 **9,200**	*4250 ***9,300**	3650 **8,050**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	*12 700 ***27,500**	8400 **18,100**	9200 **19,850**	5650 **12,200**	6700 **14,400**	4200 **9,050**	*4700 ***10,350**	3750 **8,250**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7700 ***17,200**	*7700 ***17,200**	*12 350 ***28,050**	*12 350 ***28,050**	*12 450 ***27,000**	8350 **17,950**	9150 **19,700**	5600 **12,050**	6650 ***12,650**	4200 **9,050**	*5600 ***12,300**	4100 **9,000**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 600 ***33,750**	*15 600 ***33,750**	*11 250 ***24,300**	8400 **18,100**	*8350 ***17,950**	5650 **12,200**			*7000 ***15,400**	4850 **10,800**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 600 ***24,750**	*11 600 ***24,750**	*8450 ***17,850**	*8450 ***17,850**					*6750 ***14,700**	*6750 ***14,700**	5.32 **17.50**

* **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.

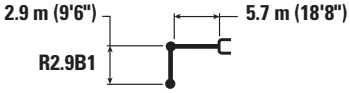
Lift capacity stays with ±5% for all available track shoes.

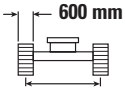
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

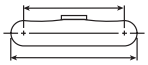
TRS = Thumb Ready Stick

325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.7 mt (14,770 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6150 ***13,600**	*6150 ***13,600**	*5350 ***10,100**	*5350 ***10,100**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,000**	5700 **12,300**			*3900 ***8,650**	*3900 ***8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	*8150 ***17,600**	*7050 ***15,300**	5550 **11,950**	6250 ***12,650**	3950 **8,450**	*3900 ***8,500**	3550 **7,850**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 300 ***22,150**	8050 **17,400**	*8000 ***17,350**	5350 **11,450**	6100 **13,150**	3850 **8,300**	*4000 ***8,750**	3300 **7,250**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*12 100 ***26,100**	7600 **16,400**	8350 **17,950**	5100 **11,000**	6000 **12,900**	3750 **8,050**	*4250 ***9,300**	3200 **7,000**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	*12 850 **27,650**	7350 **15,850**	8200 **17,600**	4950 **10,650**	5900 **12,750**	3650 **7,900**	*4750 ***10,400**	3300 **7,200**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,250**	*7750 ***17,250**	*12 350 ***28,050**	*12 350 ***28,050**	*12 650 ***27,400**	7300 **15,700**	8100 **17,450**	4900 **10,500**	5900 ***12,700**	3650 **7,850**	*5600 ***12,350**	3550 **7,850**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 800 ***34,250**	14 200 **30,400**	*11 400 ***24,650**	7350 **15,850**	8150 **17,550**	4950 **10,650**			6900 **15,300**	4250 **9,400**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,200**	*11 800 ***25,200**	*8600 ***18,150**	7600 **16,350**					*6850 ***15,000**	6050 **13,650**	5.32 **17.50**

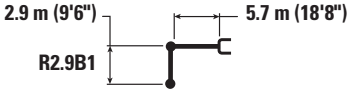
* **ISO 10567:2007**

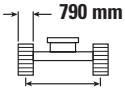
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

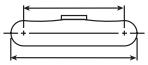
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 6.7 mt (14,770 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6150 ***13,600**	*6150 ***13,600**	*5350 ***10,100**	*5350 ***10,100**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,000**	5850 **12,550**			*3900 ***8,650**	*3900 ***8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	*8150 ***17,600**	*7050 ***15,300**	5700 **12,250**	*6300 ***12,650**	4050 **8,700**	*3900 ***8,500**	3650 **8,050**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 300 ***22,150**	8250 **17,800**	*8000 ***17,350**	5450 **11,750**	6300 **13,500**	3950 **8,500**	*4000 ***8,750**	3400 **7,450**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*12 100 ***26,100**	7800 **16,800**	8550 **18,450**	5250 **11,300**	6150 **13,250**	3850 **8,250**	*4250 ***9,300**	3300 **7,200**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	*12 850 ***27,850**	7550 **16,250**	8400 **18,050**	5100 **10,950**	6100 **13,050**	3750 **8,100**	*4750 ***10,400**	3350 **7,400**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,250**	*7750 ***17,250**	*12 350 ***28,050**	*12 350 ***28,050**	*12 650 ***27,400**	7500 **16,100**	8350 **17,900**	5000 **10,800**	6050 ***12,700**	3750 **8,100**	*5600 ***12,350**	3650 **8,050**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 800 ***34,250**	14 550 **31,200**	*11 400 ***24,650**	7550 **16,250**	8400 **18,050**	5050 **10,900**			7100 ***15,650**	4350 **9,650**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,200**	*11 800 ***25,200**	*8600 ***18,150**	7800 **16,800**					*6850 ***15,000**	6200 **14,000**	5.32 **17.50**

* **ISO 10567:2007**

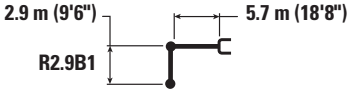
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

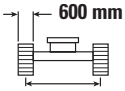
Lift capacity stays with ±5% for all available track shoes.

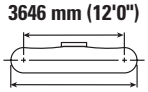
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,350**	*5000 ***11,350**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6200 ***13,650**	*6200 ***13,650**	*5350 ***10,150**	5300 ***10,150**			*4200 ***9,350**	*4200 ***9,350**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,050**	5250 **11,300**			*3950 ***8,700**	3750 **8,400**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	7950 **17,100**	*7050 ***15,300**	5100 **10,950**	5450 **11,700**	3600 **7,700**	*3900 ***8,550**	3250 **7,150**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 250 ***22,100**	7400 **15,900**	7550 **16,200**	4850 **10,450**	5350 **11,450**	3500 **7,500**	*4000 ***8,800**	3000 **6,550**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					11 500 **24,700**	6900 **14,900**	7250 **15,650**	4650 **9,950**	5200 **11,200**	3400 **7,300**	*4250 ***9,350**	2900 **6,350**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7450 ***17,000**	*7450 ***17,000**	11 200 **24,000**	6650 **14,350**	7100 **15,250**	4500 **9,650**	5100 **11,000**	3300 **7,100**	4550 **10,000**	2950 **6,500**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,300**	*7750 ***17,300**	*12 400 ***28,100**	*12 400 **27,150**	11 100 **23,850**	6600 **14,200**	7000 **15,100**	4400 **9,500**	5100 **11,000**	3300 **7,100**	5000 **11,000**	3200 **7,100**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,950**	*12 900 ***28,950**	*15 750 ***34,150**	12 900 **27,600**	11 200 **24,000**	6650 **14,350**	7100 **15,200**	4450 **9,600**			6000 **13,300**	3850 **8,500**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,100**	*11 800 ***25,100**	*8600 ***18,100**	6900 **14,900**					*6850 ***14,950**	5500 **12,400**	5.32 **17.50**

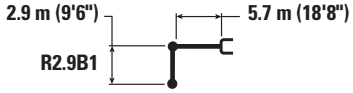
* **ISO 10567:2007**

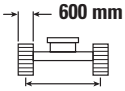
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

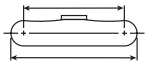
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,350**	*5000 ***11,350**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6200 ***13,650**	*6200 ***13,650**	*5350 ***10,150**	*5350 ***10,150**			*4200 ***9,350**	*4200 ***9,350**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,050**	5700 **12,300**			*3950 ***8,700**	*3950 ***8,700**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	*8150 ***17,600**	*7050 ***15,300**	5550 **11,950**	*6300 ***12,700**	3900 **8,400**	*3900 ***8,550**	3550 **7,800**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 250 ***22,100**	8100 **17,500**	*8000 ***17,350**	5300 **11,450**	*6900 ***15,000**	3800 **8,200**	*4000 ***8,800**	3250 **7,150**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*12 050 ***26,050**	7650 **16,400**	*8900 ***19,300**	5100 **10,900**	*7300 ***15,900**	3700 **7,950**	*4250 ***9,350**	3150 **6,950**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7450 ***17,000**	*7450 ***17,000**	*12 850 ***27,800**	7350 **15,850**	*9450 ***20,500**	4900 **10,600**	*7550 ***16,300**	3650 **7,800**	*4750 ***1*0,450**	3250 **7,100**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,300**	*7750 ***17,300**	*12 400 ***28,100**	*12 400 ***28,100**	*12 600 ***27,350**	7300 **15,700**	*9400 ***20,350**	4850 **10,450**	*7250 ***12,700**	3600 **7,800**	*5650 ***12,400**	3550 **7,750**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,950**	*12 900 ***28,950**	*15 750 ***34,150**	14 550 **31,150**	*11 400 ***24,600**	7400 **15,850**	*8450 ***18,150**	4900 **10,550**			*7100 ***15,650**	4200 **9,300**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,100**	*11 800 ***25,100**	*8600 ***18,100**	7600 **16,400**					*6850 ***14,950**	6050 **13,600**	5.32 **17.50**

* **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.

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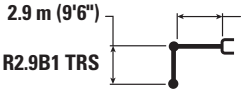
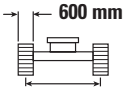
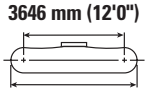
325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6100 ***13,500**	*6100 ***13,500**	*5300 ***10,050**	5200 ***10,050**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6600 ***14,350**	*6600 ***14,350**	*6350 ***13,850**	5200 **11,150**			*3900 ***8,650**	3700 **8,250**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 600 ***22,500**	*10 600 ***22,500**	*8100 ***17,450**	7850 **16,950**	*6950 ***15,100**	5050 **10,800**	5400 **11,550**	3550 **7,550**	*3850 ***8,500**	3150 **7,000**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 150 ***21,850**	7300 **15,700**	7450 **16,000**	4800 **10,300**	5250 **11,300**	3450 **7,350**	*3950 ***8,700**	2900 **6,400**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					11 400 **24,400**	6800 **14,600**	7200 **15,450**	4550 **9,750**	5150 **11,050**	3300 **7,100**	*4250 ***9,300**	2800 **6,150**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	11 050 **23,700**	6550 **14,050**	7000 **15,050**	4400 **9,400**	5050 **10,850**	3250 **6,950**	4450 **9,850**	2900 **6,300**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7700 ***17,200**	*7700 ***17,200**	*12 350 ***28,050**	*12 350 **26,700**	11 000 **23,500**	6450 **13,900**	6900 **14,900**	4300 **9,300**	5050 **10,800**	3200 **6,900**	4900 **10,800**	3150 **6,900**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 600 ***33,750**	12 700 **27,150**	11 050 **23,750**	6550 **14,050**	7000 **15,000**	4350 **9,400**			5900 **13,100**	3750 **8,300**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 600 ***24,750**	*11 600 ***24,750**	*8450 ***17,850**	6800 **14,650**					*6750 ***14,700**	5400 **12,200**	5.32 **17.50**

* **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.

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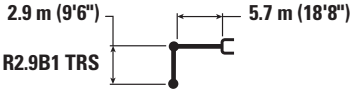
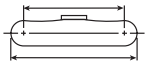
TRS = Thumb Ready Stick

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On





		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6100 ***13,500**	*6100 ***13,500**	*5300 ***10,050**	*5300 ***10,050**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6600 ***14,350**	*6600 ***14,350**	*6350 ***13,850**	5650 **12,150**			*3900 ***8,650**	*3900 ***8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 600 ***22,500**	*10 600 ***22,500**	*8100 ***17,450**	*8100 ***17,450**	*6950 ***15,100**	5500 **11,800**	*6250 ***12,650**	3850 **8,250**	*3850 ***8,500**	3450 **7,650**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 150 ***21,850**	8000 **17,250**	*7900 ***17,100**	5250 **11,250**	*6800 ***14,800**	3750 **8,050**	*3950 ***8,700**	3200 **7,000**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*11 950 ***25,750**	7500 **16,150**	*8800 ***19,050**	5000 **10,700**	*7200 ***15,650**	3650 **7,800**	*4250 ***9,300**	3100 **6,750**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	*12 700 ***27,500**	7250 **15,550**	*9350 ***20,250**	4800 **10,350**	*7450 ***16,100**	3550 **7,600**	*4700 ***10,350**	3150 **6,950**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7700 ***17,200**	*7700 ***17,200**	*12 350 ***28,050**	*12 350 ***28,050**	*12 450 ***27,000**	7150 **15,400**	*9300 ***20,100**	4750 **10,200**	*7150 ***12,650**	3550 **7,600**	*5600 ***12,300**	3450 **7,600**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 600 ***33,750**	14 350 **30,700**	*11 250 ***24,300**	7250 **15,600**	*8350 ***17,950**	4800 **10,350**			*7000 ***15,400**	4150 **9,150**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 600 ***24,750**	*11 600 ***24,750**	*8450 ***17,850**	7500 **16,200**					*6750 ***14,700**	5950 **13,400**	5.32 **17.50**

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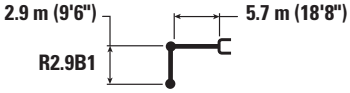
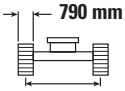
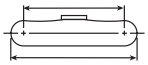
325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,350**	*5000 ***11,350**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6200 ***13,650**	*6200 ***13,650**	*5350 ***10,150**	*5350 ***10,150**			*4200 ***9,350**	*4200 ***9,350**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,050**	5400 **11,600**			*3950 ***8,700**	3900 **8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	8150 **17,500**	*7050 ***15,300**	5250 **11,250**	5600 **12,000**	3700 **7,950**	*3900 ***8,550**	3350 **7,350**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 250 ***22,100**	7600 **16,350**	7750 **16,650**	5000 **10,750**	5500 **11,800**	3600 **7,750**	*4000 ***8,800**	3050 **6,750**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					11 850 **25,400**	7100 **15,350**	7500 **16,100**	4750 **10,300**	5350 **11,550**	3500 **7,500**	*4250 ***9,350**	3000 **6,550**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7450 ***17,000**	*7450 ***17,000**	11 550 **24,700**	6850 **14,800**	7300 **15,700**	4600 **9,950**	5300 **11,350**	3400 **7,350**	4700 **10,300**	3050 **6,700**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,300**	*7750 ***17,300**	*12 400 ***28,100**	*12 400 **27,950**	11 450 **24,550**	6800 **14,650**	7250 **15,550**	4550 **9,800**	5250 **11,350**	3400 **7,350**	5150 **11,300**	3350 **7,300**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,950**	*12 900 ***28,950**	*15 750 ***34,150**	13 250 **28,400**	*11 400 ***24,600**	6850 **14,800**	7300 **15,700**	4600 **9,900**			6150 **13,700**	3950 **8,800**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,100**	*11 800 ***25,100**	*8600 ***18,100**	7100 **15,300**					*6850 ***14,950**	5650 **12,750**	5.32 **17.50**

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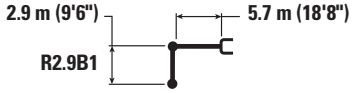
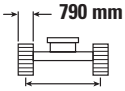
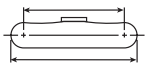
Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,350**	*5000 ***11,350**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6200 ***13,650**	*6200 ***13,650**	*5350 ***10,150**	*5350 ***10,150**			*4200 ***9,350**	*4200 ***9,350**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6650 ***14,500**	*6650 ***14,500**	*6400 ***14,050**	6100 **13,050**			*3950 ***8,700**	*3950 ***8,700**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 650 ***22,700**	*10 650 ***22,700**	*8150 ***17,600**	*8150 ***17,600**	*7050 ***15,300**	5900 **12,700**	*6300 ***12,700**	4200 **8,950**	*3900 ***8,550**	3750 **8,300**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 250 ***22,100**	8700 **18,700**	*8000 ***17,350**	5650 **12,200**	*6900 ***15,000**	4100 **8,750**	*4000 ***8,800**	3500 **7,650**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*12 050 ***26,050**	8200 **17,600**	*8900 ***19,300**	5450 **11,700**	*7300 ***15,900**	3950 **8,550**	*4250 ***9,350**	3400 **7,450**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7450 ***17,000**	*7450 ***17,000**	*12 850 ***27,800**	7900 **17,050**	*9450 ***20,500**	5250 **11,350**	*7550 ***16,300**	3900 **8,350**	*4750 ***10,450**	3450 **7,600**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7750 ***17,300**	*7750 ***17,300**	*12 400 ***28,100**	*12 400 ***28,100**	*12 600 ***27,350**	7850 **16,900**	*9400 ***20,350**	5200 **11,200**	*7250 ***12,700**	3850 **8,350**	*5650 ***12,400**	3800 **8,300**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,950**	*12 900 ***28,950**	*15 750 ***34,150**	*15 750 **33,750**	*11 400 ***24,600**	7950 **17,050**	*8450 ***18,150**	5250 **11,300**			*7100 ***15,650**	4500 **10,000**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 800 ***25,100**	*11 800 ***25,100**	*8600 ***18,100**	8150 **17,600**					*6850 ***14,950**	6450 **14,600**	5.32 **17.50**

* **ISO 10567:2007**

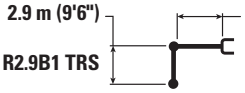
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

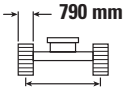
Lift capacity stays with ±5% for all available track shoes.

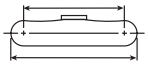
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

325 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6100 ***13,500**	*6100 ***13,500**	*5300 ***10,050**	*5300 ***10,050**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6600 ***14,350**	*6600 ***14,350**	*6350 ***13,850**	5350 **11,450**			*3900 ***8,650**	3800 **8,500**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 600 ***22,500**	*10 600 ***22,500**	*8100 ***17,450**	8050 **17,350**	*6950 ***15,100**	5150 **11,100**	5550 **11,850**	3650 **7,800**	*3850 ***8,500**	3250 **7,200**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 150 ***21,850**	7500 **16,150**	7650 **16,450**	4900 **10,600**	5400 **11,650**	3550 **7,600**	*3950 ***8,700**	3000 **6,600**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					11 700 **25,100**	7000 **15,050**	7400 **15,900**	4700 **10,050**	5300 **11,350**	3400 **7,350**	*4250 ***9,300**	2900 **6,400**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	11 400 **24,400**	6750 **14,500**	7200 **15,500**	4500 **9,700**	5200 **11,150**	3350 **7,150**	4600 **10,150**	3000 **6,550**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7700 ***17,200**	*7700 ***17,200**	*12 350 ***28,050**	*12 350 **27,500**	11 300 **24,250**	6650 **14,350**	7150 **15,350**	4450 **9,600**	5200 **11,150**	3300 **7,150**	5050 **11,150**	3250 **7,150**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 600 ***33,750**	13 050 **28,000**	*11 250 ***24,300**	6750 **14,500**	7200 **15,450**	4500 **9,700**			6100 **13,500**	3900 **8,600**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 600 ***24,750**	*11 600 ***24,750**	*8450 ***17,850**	7000 **15,100**					*6750 ***14,700**	5550 **12,550**	5.32 **17.50**

* **ISO 10567:2007**

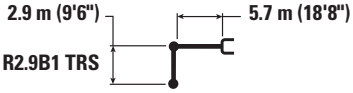
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

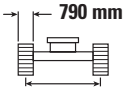
Lift capacity stays with ±5% for all available track shoes.

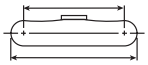
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

TRS = Thumb Ready Stick

Reach Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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**
9.0 m **30.0 ft**	kg **lb**											*5000 ***11,300**	*5000 ***11,300**	4.50 **14.17**
7.5 m **25.0 ft**	kg **lb**					*6100 ***13,500**	*6100 ***13,500**	*5300 ***10,050**	*5300 ***10,050**			*4200 ***9,300**	*4200 ***9,300**	6.28 **20.83**
6.0 m **20.0 ft**	kg **lb**					*6600 ***14,350**	*6600 ***14,350**	*6350 ***13,850**	6000 **12,900**			*3900 ***8,650**	*3900 ***8,650**	7.35 **24.17**
4.5 m **15.0 ft**	kg **lb**			*10 600 ***22,500**	*10 600 ***22,500**	*8100 ***17,450**	*8100 ***17,450**	*6950 ***15,100**	5850 **12,550**	*6250 ***12,650**	4100 **8,800**	*3850 ***8,500**	3700 **8,150**	8.00 **26.67**
3.0 m **10.0 ft**	kg **lb**					*10 150 ***21,850**	8550 **18,450**	*7900 ***17,100**	5600 **12,000**	*6800 ***14,800**	4000 **8,600**	*3950 ***8,700**	3400 **7,500**	8.33 **27.50**
1.5 m **5.0 ft**	kg **lb**					*11 950 ***25,750**	8050 **17,350**	*8800 ***19,050**	5350 **11,500**	*7200 ***15,650**	3900 **8,350**	*4250 ***9,300**	3300 **7,250**	8.39 **27.50**
0 m **0 ft**	kg **lb**			*7400 ***16,950**	*7400 ***16,950**	*12 700 ***27,500**	7800 **16,750**	*9350 ***20,250**	5150 **11,100**	*7450 ***16,100**	3800 **8,150**	*4700 ***10,350**	3400 **7,450**	8.17 **27.50**
–1.5 m **–5.0 ft**	kg **lb**	*7700 ***17,200**	*7700 ***17,200**	*12 350 ***28,050**	*12 350 ***28,050**	*12 450 ***27,000**	7700 **16,600**	*9300 ***20,100**	5100 **11,000**	*7150 ***12,650**	3800 **8,150**	*5600 ***12,300**	3700 **8,150**	7.65 **25.00**
–3.0 m **–10.0 ft**	kg **lb**	*12 900 ***28,900**	*12 900 ***28,900**	*15 600 ***33,750**	15 600 **33,300**	*11 250 ***24,300**	7800 **16,750**	*8350 ***17,950**	5150 **11,100**			*7000 ***15,400**	4400 **9,800**	6.76 **22.50**
–4.5 m **–15.0 ft**	kg **lb**			*11 600 ***24,750**	*11 600 ***24,750**	*8450 ***17,850**	8050 **17,350**					*6750 ***14,700**	6350 **14,400**	5.32 **17.50**

* 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.

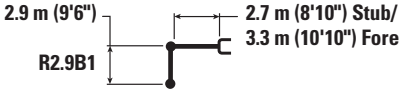
Lift capacity stays with ±5% for all available track shoes.

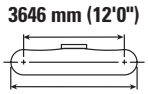
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

TRS = Thumb Ready Stick

325 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 6.7 mt (14,800 lb) – without Bucket, Heavy Lift: On





		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
9.0 m **30.0 ft**	kg **lb**			*6650 ***13,700**	*6650 ***13,700**					*4950 ***11,150**	*4950 ***11,150**	5.12 **16.08**
7.5 m **25.0 ft**	kg **lb**			*7000 ***15,400**	*7000 ***15,400**	*6400 ***13,450**	5750 **12,250**			*4200 ***9,350**	*4200 ***9,350**	6.73 **21.75**
6.0 m **20.0 ft**	kg **lb**			*7350 ***16,100**	*7350 ***16,100**	*7150 ***15,550**	5650 **12,200**	*5250 ***9,650**	3900 **8,300**	*3950 ***8,650**	3650 **8,150**	7.74 **25.25**
4.5 m **15.0 ft**	kg **lb**	*13 750 ***29,500**	*13 750 ***29,500**	*9550 ***20,600**	8500 **18,300**	*7550 ***16,350**	5450 **11,700**	*6050 ***13,100**	3800 **8,150**	*3850 ***8,450**	3150 **7,000**	8.36 **27.33**
3.0 m **10.0 ft**	kg **lb**			*10 700 ***23,150**	7750 **16,700**	*8050 ***17,400**	5100 **11,000**	6000 **12,950**	3650 **7,900**	*3900 ***8,600**	2900 **6,400**	8.68 **28.41**
1.5 m **5.0 ft**	kg **lb**			*11 250 ***24,350**	7150 **15,450**	8150 **17,550**	4800 **10,350**	5850 **12,600**	3500 **7,550**	*4100 ***9,050**	2800 **6,200**	8.73 **28.67**
0 m **0 ft**	kg **lb**			*10 700 ***23,200**	6900 **14,800**	7950 **17,100**	4650 **9,950**	5750 **12,350**	3400 **7,350**	*4500 ***9,900**	2900 **6,350**	8.52 **27.92**
–1.5 m **–5.0 ft**	kg **lb**	*10 150 ***23,000**	*10 150 ***23,000**	*9200 ***20,000**	6850 **14,700**	*7150 ***15,400**	4550 **9,800**	*5300 ***11,200**	3400 **7,300**	*4450 ***9,750**	3150 **6,900**	8.02 **26.25**
–3.0 m **–10.0 ft**	kg **lb**			*6850 ***14,700**	*6850 ***14,700**	*5300 ***11,250**	4650 **9,950**			*3950 ***8,800**	3800 **8,500**	6.98 **22.58**

* **ISO 10567:2007**

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Max length of VAB.

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

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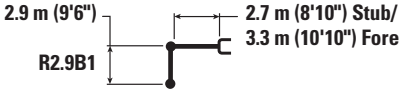
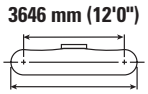
Variable Angle Boom Lift Capacities – Counterweight: 6.7 mt (14,800 lb) – without Bucket, Heavy Lift: On





		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
9.0 m **30.0 ft**	kg **lb**			*6650 ***13,700**	*6650 ***13,700**					*4950 ***11,150**	*4950 ***11,150**	5.12 **16.08**
7.5 m **25.0 ft**	kg **lb**			*7000 ***15,400**	*7000 ***15,400**	*6400 ***13,450**	5900 **12,550**			*4200 ***9,350**	*4200 ***9,350**	6.73 **21.75**
6.0 m **20.0 ft**	kg **lb**			*7350 ***16,100**	*7350 ***16,100**	*7150 ***15,550**	5800 **12,450**	*5250 ***9,650**	4000 **8,500**	*3950 ***8,650**	3750 **8,350**	7.74 **25.25**
4.5 m **15.0 ft**	kg **lb**	*13 750 ***29,500**	*13 750 ***29,500**	*9550 ***20,600**	8700 **18,700**	*7550 ***16,350**	5550 **11,950**	*6050 ***13,100**	3900 **8,400**	*3850 ***8,450**	3250 **7,150**	8.36 **27.33**
3.0 m **10.0 ft**	kg **lb**			*10 700 ***23,150**	7950 **17,150**	*8050 ***17,400**	5250 **11,300**	6200 **13,300**	3750 **8,100**	*3900 ***8,600**	3000 **6,600**	8.68 **28.41**
1.5 m **5.0 ft**	kg **lb**			*11 250 ***24,350**	7350 **15,850**	*8300 ***17,950**	4950 **10,650**	6000 **12,950**	3600 **7,800**	*4100 ***9,050**	2900 **6,400**	8.73 **28.67**
0 m **0 ft**	kg **lb**			*10 700 ***23,200**	7100 **15,250**	*8050 ***17,400**	4750 **10,250**	5900 **12,700**	3500 **7,550**	*4500 ***9,900**	2950 **6,500**	8.52 **27.92**
–1.5 m **–5.0 ft**	kg **lb**	*10 150 ***23,000**	*10 150 ***23,000**	*9200 ***20,000**	7050 **15,150**	*7150 ***15,400**	4700 **10,100**	*5300 ***11,200**	3500 **7,550**	*4450 ***9,750**	3250 **7,100**	8.02 **26.25**
–3.0 m **–10.0 ft**	kg **lb**			*6850 ***14,700**	*6850 ***14,700**	*5300 ***11,250**	4750 **10,250**			*3950 ***8,800**	3950 **8,750**	6.98 **22.58**

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Max length of VAB.

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

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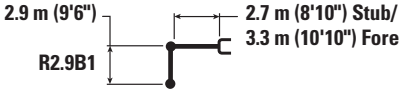
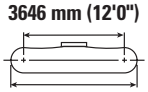
325 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On





		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
9.0 m **30.0 ft**	kg **lb**			*6700 ***13,750**	*6700 ***13,750**					*4950 ***11,200**	*4950 ***11,200**	5.12 **16.08**
7.5 m **25.0 ft**	kg **lb**			*7000 ***15,450**	*7000 ***15,450**	*6450 ***13,500**	5300 **11,300**			*4250 ***9,400**	*4250 ***9,400**	6.73 **21.75**
6.0 m **20.0 ft**	kg **lb**			*7350 ***16,150**	*7350 ***16,150**	*7050 ***15,200**	5200 **11,200**	*5250 ***9,700**	3550 **7,550**	*3950 ***8,700**	3350 **7,400**	7.74 **25.25**
4.5 m **15.0 ft**	kg **lb**	*13 800 ***29,500**	*13 800 ***29,500**	*9550 ***20,600**	7800 **16,850**	*7400 ***16,000**	4950 **10,700**	5400 **11,550**	3450 **7,400**	*3850 ***8,500**	2850 **6,300**	8.36 **27.33**
3.0 m **10.0 ft**	kg **lb**			*10 700 ***23,150**	7050 **15,250**	*7450 ***15,950**	4650 **10,000**	5250 **11,250**	3300 **7,100**	*3950 ***8,650**	2600 **5,750**	8.68 **28.41**
1.5 m **5.0 ft**	kg **lb**			11 200 **24,000**	6450 **13,950**	7100 **15,250**	4350 **9,350**	5050 **10,900**	3150 **6,800**	4050 **8,900**	2550 **5,550**	8.73 **28.67**
0 m **0 ft**	kg **lb**			*10 650 ***23,150**	6200 **13,300**	6850 **14,750**	4150 **8,950**	4950 **10,650**	3050 **6,600**	4150 **9,100**	2600 **5,650**	8.52 **27.92**
–1.5 m **–5.0 ft**	kg **lb**	*9900 ***22,450**	*9900 ***22,450**	*9200 ***20,000**	6150 **13,200**	*6800 ***14,600**	4100 **8,800**	4950 **10,600**	3050 **6,550**	*4450 ***9,750**	2800 **6,150**	8.02 **26.25**
–3.0 m **–10.0 ft**	kg **lb**			*6850 ***14,700**	*6250 ***13,450**	*5300 ***11,250**	4150 **8,950**			*3950 ***8,800**	3450 **7,650**	6.98 **22.58**

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Max length of VAB.

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

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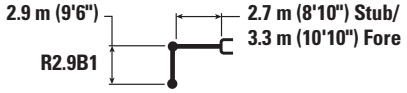
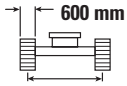
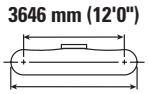
Variable Angle Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On







		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
9.0 m **30.0 ft**	kg **lb**			*6700 ***13,750**	*6700 ***13,750**					*4950 ***11,200**	*4950 ***11,200**	5.12 **16.08**
7.5 m **25.0 ft**	kg **lb**			*7000 ***15,450**	*7000 ***15,450**	*6450 ***13,500**	5750 **12,300**			*4250 ***9,400**	*4250 ***9,400**	6.73 **21.75**
6.0 m **20.0 ft**	kg **lb**			*7350 ***16,150**	*7350 ***16,150**	*7050 ***15,200**	5700 **12,200**	*5250 ***9,700**	3850 **8,250**	*3950 ***8,700**	3650 **8,100**	7.74 **25.25**
4.5 m **15.0 ft**	kg **lb**	*13 800 ***29,500**	*13 800 ***29,500**	*9550 ***20,600**	8600 **18,500**	*7400 ***16,000**	5450 **11,700**	*5900 ***12,700**	3800 **8,150**	*3850 ***8,500**	3150 **6,950**	8.36 **27.33**
3.0 m **10.0 ft**	kg **lb**			*10 700 ***23,150**	7800 **16,850**	*8050 ***17,400**	5100 **11,000**	*6100 ***13,150**	3650 **7,850**	*3950 ***8,650**	2900 **6,350**	8.68 **28.41**
1.5 m **5.0 ft**	kg **lb**			*11 250 ***24,300**	7200 **15,500**	*8300 ***17,950**	4800 **10,350**	*6400 ***13,750**	3500 **7,500**	4150 **9,100**	2800 **6,150**	8.73 **28.67**
0 m **0 ft**	kg **lb**			*10 650 ***23,150**	6900 **14,900**	*8050 ***17,400**	4600 **9,900**	*6200 ***13,350**	3400 **7,300**	4500 **9,950**	2850 **6,250**	8.52 **27.92**
–1.5 m **–5.0 ft**	kg **lb**	*9900 ***22,450**	*9900 ***22,450**	*9200 ***20,000**	6850 **14,750**	*7150 ***15,400**	4550 **9,800**	*5300 ***11,200**	3350 **7,250**	*4450 ***9,750**	3100 **6,850**	8.02 **26.25**
–3.0 m **–10.0 ft**	kg **lb**			*6850 ***14,700**	*6850 ***14,700**	*5300 ***11,250**	4600 **9,950**			*3950 ***8,800**	3800 **8,500**	6.98 **22.58**

* **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.

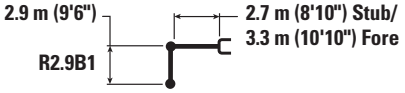
Max length of VAB.

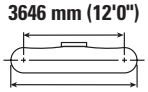
Lift capacity stays with ±5% for all available track shoes.

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

325 Hydraulic Excavator Specifications

Variable Angle Boom Lift Capacities – Counterweight: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On





		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
9.0 m **30.0 ft**	kg **lb**			*6700 ***13,750**	*6700 ***13,750**					*4950 ***11,200**	*4950 ***11,200**	5.12 **16.08**
7.5 m **25.0 ft**	kg **lb**			*7000 ***15,450**	*7000 ***15,450**	*6450 ***13,500**	5450 **11,600**			*4250 ***9,400**	*4250 ***9,400**	6.73 **21.75**
6.0 m **20.0 ft**	kg **lb**			*7350 ***16,150**	*7350 ***16,150**	*7050 ***15,200**	5350 **11,500**	*5250 ***9,700**	3650 **7,750**	*3950 ***8,700**	3450 **7,600**	7.74 **25.25**
4.5 m **15.0 ft**	kg **lb**	*13 800 ***29,500**	*13 800 ***29,500**	*9550 ***20,600**	8000 **17,250**	*7400 ***16,000**	5100 **11,000**	5550 **11,900**	3550 **7,650**	*3850 ***8,500**	2950 **6,500**	8.36 **27.33**
3.0 m **10.0 ft**	kg **lb**			*10 700 ***23,150**	7250 **15,700**	7650 **16,400**	4800 **10,300**	5400 **11,600**	3450 **7,350**	*3950 ***8,650**	2700 **5,950**	8.68 **28.41**
1.5 m **5.0 ft**	kg **lb**			*11 250 ***24,300**	6700 **14,400**	7300 **15,700**	4500 **9,650**	5250 **11,250**	3300 **7,050**	*4150 ***9,100**	2600 **5,750**	8.73 **28.67**
0 m **0 ft**	kg **lb**			*10 650 ***23,150**	6400 **13,750**	7100 **15,250**	4300 **9,250**	5100 **11,000**	3150 **6,800**	4300 **9,400**	2650 **5,850**	8.52 **27.92**
–1.5 m **–5.0 ft**	kg **lb**	*9900 ***22,450**	*9900 ***22,450**	*9200 ***20,000**	6350 **13,650**	7000 **15,050**	4250 **9,100**	5100 **10,950**	3150 **6,800**	*4450 ***9,750**	2900 **6,400**	8.02 **26.25**
–3.0 m **–10.0 ft**	kg **lb**			*6850 ***14,700**	6450 **13,900**	*5300 ***11,250**	4300 **9,250**			*3950 ***8,800**	3550 **7,900**	6.98 **22.58**

* **ISO 10567:2007**

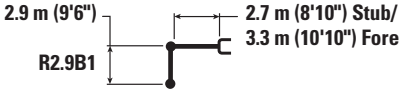
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

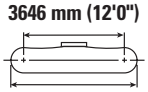
Max length of VAB.

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: 4.9 mt (10,800 lb) – without Bucket, Heavy Lift: On





		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
9.0 m **30.0 ft**	kg **lb**			*6700 ***13,750**	*6700 ***13,750**					*4950 ***11,200**	*4950 ***11,200**	5.12 **16.08**
7.5 m **25.0 ft**	kg **lb**			*7000 ***15,450**	*7000 ***15,450**	*6450 ***13,500**	6150 **13,100**			*4250 ***9,400**	*4250 ***9,400**	6.73 **21.75**
6.0 m **20.0 ft**	kg **lb**			*7350 ***16,150**	*7350 ***16,150**	*7050 ***15,200**	6050 **13,000**	*5250 ***9,700**	4150 **8,850**	*3950 ***8,700**	3900 **8,650**	7.74 **25.25**
4.5 m **15.0 ft**	kg **lb**	*13 800 ***29500**	*13 800 ***29,500**	*9550 ***20,600**	9150 **19,700**	*7400 ***16,000**	5800 **12,500**	*5900 ***12,700**	4050 **8,700**	*3850 ***8,500**	3350 **7,450**	8.36 **27.33**
3.0 m **10.0 ft**	kg **lb**			*10 700 ***23,150**	8400 **18,100**	*8050 ***17,400**	5500 **11,800**	*6100 ***13,150**	3900 **8,400**	*3950 ***8,650**	3100 **6,850**	8.68 **28.41**
1.5 m **5.0 ft**	kg **lb**			*11 250 ***24,300**	7750 **16,750**	*8300 ***17,950**	5150 **11,150**	*6400 ***13,750**	3750 **8,100**	*4150 ***9,100**	3000 **6,600**	8.73 **28.67**
0 m **0 ft**	kg **lb**			*10 650 ***23,150**	7500 **16,100**	*8050 ***17,400**	4950 **10,700**	*6200 ***13,350**	3650 **7,850**	*4500 ***9,950**	3100 **6,750**	8.52 **27.92**
–1.5 m **–5.0 ft**	kg **lb**	*9900 ***22,450**	*9900 ***22,450**	*9200 ***20,000**	7450 **15,950**	*7150 ***15,400**	4900 **10,550**	*5300 ***11,200**	3650 **7,850**	*4450 ***9,750**	3350 **7,350**	8.02 **26.25**
–3.0 m **–10.0 ft**	kg **lb**			*6850 ***14,700**	*6850 ***14,700**	*5300 ***11,250**	4950 **10,700**			*3950 ***8,800**	*3950 ***8,800**	6.98 **22.58**

* **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.

325 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

		Width		Capacity		Weight		Fill	8.3 mt (18,300 lb) Counterweight		6.7 mt (14,770 lb) Counterweight		4.9 mt (10,800 lb) Counterweight		
									No Blade		No Blade		With Blade Up in Front		
									Reach Boom		Reach Boom	VA Boom	Reach Boom		VA Boom
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Pin-On (No Quick Coupler)															
General Duty	B	600	24	0.55	0.72	620	1,366	100	●	●	●	●	●	●	●
	B	750	30	0.75	0.98	717	1,580	100	●	●	●	●	●	●	●
	B	900	36	0.95	1.24	793	1,747	100	●	●	●	●	●	●	◉
	B	1050	42	1.16	1.52	848	1,869	100	●	●	●	◉	◉	⊖	⊖
	B	1200	48	1.38	1.80	924	2,038	100	●	●	◉	○	⊖	○	○
	B	1350	54	1.59	2.08	1002	2,210	100	X	⊖	⊖	○	X	◇	◇
General Duty Wide Tips	B	600	24	0.55	0.72	617	1,360	100	●	●	●	●	●	●	●
	B	750	30	0.75	0.98	715	1,576	100	●	●	●	●	●	●	●
	B	900	36	0.95	1.24	791	1,743	100	●	●	●	●	●	●	◉
	B	1050	42	1.16	1.52	861	1,899	100	●	●	●	●	◉	⊖	⊖
	B	1200	48	1.38	1.80	938	2,069	100	●	●	◉	○	○	○	○
	B	1350	54	1.59	2.08	1016	2,241	100	X	⊖	⊖	○	X	◇	◇
Heavy Duty	B	600	24	0.46	0.60	647	1,426	100	●	●	●	●	●	●	●
	B	750	30	0.64	0.84	752	1,658	100	●	●	●	●	●	●	●
	B	900	36	0.81	1.06	835	1,841	100	●	●	●	●	●	●	●
	B	1050	42	1.00	1.31	892	1,967	100	●	●	●	◉	●	◉	⊖
	B	1200	48	1.19	1.56	975	2,150	100	●	●	●	⊖	⊖	⊖	○
	B	1350	54	1.38	1.81	1060	2,336	100	◉	◉	⊖	○	○	○	◇
Heavy Duty Power	B	1050	42	0.96	1.26	898	1,980	100	●	●	●	●	●	◉	◉
	B	1200	48	1.14	1.49	983	2,167	100	●	●	●	⊖	⊖	⊖	○
Severe Duty	B	600	24	0.46	0.61	683	1,506	90	●	●	●	●	●	●	●
	B	750	30	0.64	0.84	795	1,753	90	●	●	●	●	●	●	●
	B	900	36	0.81	1.06	885	1,950	90	●	●	●	●	●	●	●
	B	1050	42	1.00	1.31	948	2,091	90	●	●	●	●	●	●	◉
	B	1200	48	1.19	1.56	1038	2,289	90	●	●	●	⊖	◉	⊖	○
Severe Duty Power	B	900	36	0.79	1.03	853	1,881	90	●	●	●	●	●	●	●
Clean-Up	B	1800	72	1.60	2.09	979	2,157	100	◉	⊖	⊖	○	○	○	◇
Ditch Cleaning	B	1500	60	1.01	1.32	651	1,436	100	●	●	●	●	●	●	◉
	B	1800	72	1.24	1.62	739	1,630	100	●	●	●	◉	◉	⊖	⊖
Ditch Cleaning Tilt	B	1500	60	0.90	1.18	948	2,090	100	●	●	●	●	●	●	◉
	B	1800	72	1.11	1.45	1063	2,344	100	●	●	●	⊖	⊖	⊖	○
	B	1800	72	1.40	1.83	1105	2,437	100	◉	◉	⊖	○	○	○	◇
	B	2000	79	1.23	1.61	1132	2,496	100	●	●	◉	○	⊖	○	○
Maximum load with pin-on (payload + bucket)								kg	3780	3690	3285	2865	2900	2805	2600
								lb	8,333	8,135	7,242	6,316	6,393	6,184	5,732

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.

Bucket weight with General Duty tips.

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 *(continued)*

		Width		Capacity		Weight		Fill	8.3 mt (18,300 lb) Counterweight		6.7 mt (14,770 lb) Counterweight		4.9 mt (10,800 lb) Counterweight		
									No Blade		No Blade		With Blade Up in Front		
									Reach Boom		Reach Boom	VA Boom	Reach Boom		VA Boom
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
With Pin Grabber Coupler															
General Duty	B	600	24	0.55	0.72	620	1,366	100	●	●	●	●	●	●	●
	B	750	30	0.75	0.98	717	1,580	100	●	●	●	●	●	●	◉
	B	900	36	0.95	1.24	793	1,747	100	●	●	●	◉	◉	⊖	⊖
	B	1050	42	1.16	1.52	848	1,869	100	●	●	◉	○	○	○	○
	B	1200	48	1.38	1.80	924	2,038	100	◉	⊖	⊖	◇	◇	◇	◇
	B	1350	54	1.59	2.08	1002	2,210	100	⊖	○	○	◇	◇	◇	X
General Duty Wide Tips	B	600	24	0.55	0.72	617	1,360	100	●	●	●	●	●	●	●
	B	750	30	0.75	0.98	715	1,576	100	●	●	●	●	●	●	◉
	B	900	36	0.95	1.24	791	1,743	100	●	●	●	◉	◉	⊖	⊖
	B	1050	42	1.16	1.52	861	1,899	100	●	●	◉	○	○	○	◇
	B	1200	48	1.38	1.80	938	2,069	100	◉	⊖	⊖	◇	◇	◇	◇
	B	1350	54	1.59	2.08	1016	2,241	100	⊖	○	○	◇	◇	◇	X
Heavy Duty	B	600	24	0.46	0.60	647	1,426	100	●	●	●	●	●	●	●
	B	750	30	0.64	0.84	752	1,658	100	●	●	●	●	●	●	●
	B	900	36	0.81	1.06	835	1,841	100	●	●	●	◉	●	◉	⊖
	B	1050	42	1.00	1.31	892	1,967	100	●	●	●	⊖	⊖	⊖	○
	B	1200	48	1.19	1.56	975	2,150	100	●	◉	⊖	○	○	○	◇
	B	1350	54	1.38	1.81	1060	2,336	100	⊖	⊖	○	◇	◇	◇	X
Heavy Duty Power	B	1050	42	0.96	1.26	898	1,980	100	●	●	●	⊖	⊖	⊖	○
	B	1200	48	1.14	1.49	983	2,167	100	●	●	◉	○	○	○	◇
Heavy Duty Pin Grabber Performance	B	600	24	0.44	0.57	682	1,503	100	●	●	●	●	●	●	●
	B	750	30	0.60	0.79	787	1,735	100	●	●	●	●	●	●	●
	B	900	36	0.76	1.00	876	1,931	100	●	●	●	●	●	◉	⊖
	B	1050	42	0.93	1.22	940	2,072	100	●	●	●	⊖	⊖	⊖	○
	B	1200	48	1.11	1.45	1031	2,272	100	●	●	◉	○	○	○	◇
	B	1350	54	1.28	1.67	1122	2,474	100	◉	⊖	○	◇	◇	◇	X
Severe Duty	B	600	24	0.46	0.61	683	1,506	90	●	●	●	●	●	●	●
	B	750	30	0.64	0.84	795	1,753	90	●	●	●	●	●	●	●
	B	900	36	0.81	1.06	885	1,950	90	●	●	●	●	●	●	◉
	B	1050	42	1.00	1.31	948	2,091	90	●	●	●	⊖	⊖	⊖	○
	B	1200	48	1.19	1.56	1038	2,289	90	●	●	◉	○	○	○	◇
Severe Duty Power	B	900	36	0.79	1.03	853	1,881	90	●	●	●	●	●	●	◉
Clean-Up	B	1800	72	1.60	2.09	979	2,157	100	⊖	⊖	○	◇	◇	◇	X
Ditch Cleaning	B	1500	60	1.01	1.32	651	1,436	100	●	●	●	◉	◉	◉	○
	B	1800	72	1.24	1.62	739	1,630	100	●	●	◉	○	○	○	◇
Ditch Cleaning Tilt	B	1500	60	0.90	1.18	948	2,090	100	●	●	●	⊖	⊖	⊖	○
	B	1800	72	1.11	1.45	1063	2,344	100	●	◉	⊖	○	○	○	◇
	B	1800	72	1.40	1.83	1105	2,437	100	⊖	⊖	○	◇	◇	◇	X
	B	2000	79	1.23	1.61	1132	2,496	100	◉	◉	⊖	◇	◇	◇	X
Maximum load with coupler (payload + bucket)								kg	3358	3268	2863	2443	2478	2383	2178
								lb	7,404	7,205	6,313	5,386	5,463	5,254	4,802

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.

Bucket weight with General Duty tips.

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)

325 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility *(continued)*

									8.3 mt (18,300 lb) Counterweight		6.7 mt (14,770 lb) Counterweight		4.9 mt (10,800 lb) Counterweight		
									No Blade		No Blade		With Blade Up in Front		
		Width		Capacity		Weight		Fill	Reach Boom		Reach Boom	VA Boom	Reach Boom		VA Boom
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
PIN-ON, TRS18 S70															
Heavy Duty – Grading	B	1600	63	1.00	1.31	691	1,523	100	●	●	◉	⊖	⊖	⊖	○
	B	1800	71	1.10	1.44	758	1,671	100	●	●	⊖	○	○	○	◇
Heavy Duty – Digging	B	1150	45	0.90	1.18	778	1,715	100	●	●	●	⊖	⊖	⊖	○
	B	1250	49	1.10	1.44	850	1,874	100	●	◉	⊖	○	○	○	◇
Heavy Duty – Trenching	B	600	24	0.55	0.72	460	1,014	100	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	3098	3008	2603	2183	2218	2123	1918
								lb	6,830	6,632	5,739	4,813	4,889	4,680	4,228
With S70, TRS18 S70															
Heavy Duty – Grading	B	1600	63	1.00	1.31	691	1,523	100	●	●	⊖	○	○	○	◇
	B	1800	71	1.10	1.44	758	1,671	100	◉	◉	⊖	◇	◇	◇	X
Heavy Duty – Digging	B	1150	45	0.90	1.18	778	1,715	100	●	●	◉	○	○	○	◇
	B	1250	49	1.10	1.44	850	1,874	100	◉	◉	○	◇	◇	◇	X
Heavy Duty – Trenching	B	600	24	0.55	0.72	460	1,014	100	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	2843	2753	2348	1928	1963	1868	1663
								lb	6,268	6,069	5,176	4,251	4,327	4,118	3,666

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.

Bucket weight with General Duty tips.

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

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)			4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade			With Blade Up in Front		
Boom Type		Reach		Reach		VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 GC		✓		✓			✓	
	H130 GC S		✓		✓			✓	
	H130 S	✓†	✓	✓†	✓	✓†		✓	✓†
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓	✓	✓*
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP324 Concrete Cutter Jaw	✓	✓	✓*					
	MP324 Demolition Jaw	✓	✓	✓*					
	MP324 Shear Jaw	✓	✓	✓					
	MP324 Tank Shear Jaw	✓	✓	✓*					
	MP324 Universal Jaw	✓	✓	✓*					
Demolition and Sorting Grapples	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓	✓	✓	✓	✓	✓	✓	✓*
	G324	✓	✓	✓	✓*				
	G324 WH-1500	✓	✓	✓*					
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓		✓	✓	✓	
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓	✓	✓	✓*
	P318 Primary Pulverizer	✓	✓	✓	✓	✓	✓	✓	✓*
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓		✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓	✓	✓	✓	✓
	HM4815	✓	✓	✓		✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	●	●	●	●	●	●	○
	GSH425-750	●	●	●	●	○	○	○	○
	GSH425-950	●	●	○	○	○			
	GSH425-1150	○	○	○	○		○		
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	●	●	●	●	●	○	○
	GSH525-750	●	●	○	○	○	○		
	GSH525-950	○	○	○					
	GSH525-1150	○	○						

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Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)			4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade			With Blade Up in Front		
Boom Type		Reach		Reach		VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H120 GC	✓†	✓	✓†	✓	✓†	✓†	✓	✓†
	H120 GC S	✓†	✓	✓†	✓	✓†	✓†	✓	✓†
	H120 S	✓†	✓	✓†	✓	✓†	✓†	✓	✓†
	H130 GC	✓†	✓	✓†	✓				
	H130 GC S	✓†	✓	✓†	✓	✓†*	✓†*		
	H130 S	✓†	✓	✓†	✓	✓†	✓†	✓	✓†*
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓*	✓	✓*	
	MP318 Demolition Jaw	✓	✓	✓	✓	✓*	✓	✓*	
	MP318 Pulverizer Jaw	✓	✓	✓	✓		✓*		
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	
	MP318 Universal Jaw	✓	✓	✓	✓	✓*	✓*	✓*	
Demolition and Sorting Grapples	G318	✓	✓	✓	✓	✓*	✓	✓*	
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	
	G318 WH-1100	✓	✓	✓	✓*				
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓	✓*	✓*		
	P318 Primary Pulverizer	✓	✓	✓	✓		✓*		
Mulchers	HM4015	✓	✓	✓	✓	✓	✓	✓	✓
	HM4815	✓	✓	✓		✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓		✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

S70 DEDICATED COUPLER ATTACHMENTS

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H120 GC S	✓†	✓	✓†	✓†	✓†	✓	✓†
	H120 S	✓†	✓	✓†	✓†	✓†	✓	✓†
	H130 S	✓†	✓	✓†	✓†	✓†	✓	✓†
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	
	MP318 Pulverizer Jaw	✓	✓	✓	✓*	✓*	✓*	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓*
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	
Demolition and Sorting Grapples	G318	✓	✓	✓	✓	✓	✓	
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓*
	G318 WH-1100	✓	✓	✓	✓*	✓*		
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓	✓	✓				
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓*	✓	✓*	
	P318 Primary Pulverizer	✓	✓	✓	✓*	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓	✓	✓	✓	✓

HCS70 DEDICATED COUPLER ATTACHMENTS

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H120 S	✓†	✓	✓	✓	✓†	✓	✓†
	H130 S	✓†	✓	✓	✓	✓†	✓	✓†*
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓*	✓*	✓*	
	MP318 Demolition Jaw	✓	✓	✓	✓*	✓*	✓*	
	MP318 Pulverizer Jaw	✓	✓	✓				
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓*	
	MP318 Universal Jaw	✓	✓	✓	✓*	✓*	✓*	
Demolition and Sorting Grapples	G318	✓	✓	✓	✓*	✓*	✓*	
	G318 WH-800	✓	✓	✓	✓	✓	✓	
	G318 WH-1100	✓	✓	✓				
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓	✓*	✓*		
	P318 Primary Pulverizer	✓	✓	✓				
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

HCS70/55 DEDICATED COUPLER ATTACHMENTS

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H120 S	✓†	✓	✓	✓	✓†	✓	✓†
	H130 S	✓†	✓	✓	✓	✓†	✓	✓†*
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓*	✓*	✓*	
	MP318 Demolition Jaw	✓	✓	✓	✓*	✓*	✓*	
	MP318 Pulverizer Jaw	✓	✓	✓				
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓*	
	MP318 Universal Jaw	✓	✓	✓	✓*	✓*		
Demolition and Sorting Grapples	G318	✓	✓	✓	✓*	✓*	✓*	
	G318 WH-800	✓	✓	✓	✓	✓	✓*	
	G318 WH-1100	✓	✓	✓*				
Pulverizers	P218 Secondary Pulverizer	✓	✓	✓				
	P318 Primary Pulverizer	✓	✓	✓				
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC20	✓	✓	✓	✓	✓	✓	✓

TRS18 (PIN-ON TOP/S70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)			4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade			With Blade Up in Front		
Boom Type		Reach		Reach		VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓†	✓	✓†	✓	✓†	✓†	✓	
	H120 S	✓†	✓	✓†	✓	✓†	✓†	✓	✓†*
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

(continued on next page)

Attachments Offering Guide *(continued)*

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

✓ Match | * Working range front only | † Allowed usage on machine less than 50% | No Match

TRS18 (S70 TOP/S70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓†	✓	✓				
	H120 S	✓†	✓	✓	✓*	✓†*	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS18 (PIN-ON TOP/HCS70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS18 (PIN-ON TOP/HCS70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓*
	H120 S	✓	✓	✓				
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓*

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

(continued on next page)

Attachments Offering Guide *(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

TRS18 (PIN-ON TOP/HCS70/55 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

TRS18 (HCS70/55 TOP/HCS70/55 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Counterweight		8.3 mt (18,300 lb)		6.7 mt (14,770 lb)		4.9 mt (10,800 lb)		
Blade		Without Blade		Without Blade		With Blade Up in Front		
Boom Type		Reach		Reach	VA	Reach		VA
Stick Length		R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6")	R2.9 (9'6") TR	R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

BOOM-MOUNT ATTACHMENTS

Counterweight		8.3 mt (18,300 lb)	4.9 mt (10,800 lb)
Boom Type		Reach	Reach
Mobile Scrap and Demolition Shears	S2050	✓	✓
	S3035 Flat Top	✓	✓

Thumb Specifications

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

✓ Match ☐ No Match

Bucket Type	Tooth Quantity	Width		Pro Plus		Pro		Still Link		Utility	
		mm	in	Pin-On	Cat Pin Grabber	Pin-On	Cat Pin Grabber	Pin-On	Cat Pin Grabber	Pin-On	Cat Pin Grabber
General Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1,056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1,208	48	✓	✓	✓	✓	✓	✓	✓	✓
	7	1,350	54	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1,056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1,208	48	✓	✓	✓	✓	✓	✓	✓	✓
	7	1,350	54	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty Power	5	1,056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1,208	48				✓	✓	✓	✓	✓
Severe Duty	5	902	36	✓	✓	✓	✓	✓	✓	✓	✓
	5	1,056	42	✓	✓	✓	✓	✓	✓	✓	✓
	6	1,208	48	✓	✓	✓	✓	✓	✓	✓	✓
Pin Grabber Performance Buckets	5	902	36		✓					✓	✓
	5	1,056	42		✓		✓			✓	✓
	6	1,208	48		✓					✓	✓
	7	1,350	54							✓	✓

Standard and Optional Equipment

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

	Standard	Optional
BOOM, STICKS AND LINKAGE		
5.7 m (18'8") Reach boom	✓	
2.7 m (8'10") Stub + 3.3 m (10'10") Fore, Variable Angle Boom		✓
2.9 m (9'6") Reach stick		✓
2.9 m (9'6") Thumb Ready stick		✓
Bucket linkage, B1 type with lifting eye, Cat Grade	✓	
CAB		
ROPS	✓	
OPG		✓
High-resolution 254 mm (10") LCD touchscreen monitor	✓	
Auto bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Height-adjustable console	✓	
Tilt-up left-side console	✓	
Heated air-suspension seat	✓	
51 mm (2") seat belt	✓	
Integrated AM/FM radio with Bluetooth® technology and Aux USB port	✓	
12V DC outlets	✓	
Document storage	✓	
Overhead storage and rear storage with nets	✓	
Beverage holder	✓	
Cup holder	✓	
Openable two-piece front window	✓	
Rear window emergency exit	✓	
Radial wiper with washer	✓	
Openable polycarbonate skylight hatch	✓	
Dome and lower LED interior lights	✓	
Floor welcome light	✓	
Roof sunscreen	✓	
Roller front sunscreen	✓	
Roller rear sunscreen		✓
Washable floor mat	✓	
Beacon ready	✓	
Cat Stick Steer		✓
Auxiliary relay		✓

	Standard	Optional
CAT TECHNOLOGY		
Cat Equipment Management:		
– VisionLink®	✓[1]	
– VisionLink Productivity		✓[2]
– Remote Flash	✓	
– Remote Troubleshoot	✓	
– Work tool recognition and tracking (PL161)	✓	
– Operator Coaching		✓[3]
Cat Grade:		
– Cat Grade with 2D	✓	
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓
– Laser catcher		✓
– Cat Grade with 3D (single or dual GNSS)		✓
– Compatible with 3D grade systems from Trimble, Topcon, and Leica	✓	
– Cat Grade 3D Ready		✓
– Cat Grade Connectivity		✓[2]
Cat Assist:		
– Grade Assist	✓	
– Boom Assist	✓	
– Bucket Assist	✓	
– Swing Assist	✓	
– Lift Assist		✓[4]
Cat Payload:		
– On-the-go weighing	✓	
– Semiautomatic calibration	✓	
– Payload/cycle information	✓	
– VisionLink Productivity back office reporting		✓[2]
Cat Advanced Payload:		
– Daily totals		✓
– Custom lists		✓
– Smart weight target		✓
– E-ticket Integration		✓[2]
Other:		
Cat Tiltrotator (TRS) integration		✓

[1]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

[2]VisionLink subscription required. Consult your Cat dealer for details.

[3]VisionLink subscription required for back office reporting. Consult your Cat dealer for details.

[4]Not available for VA boom.

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
ELECTRICAL SYSTEM		
1,000 CCA maintenance free batteries	✓	
Centralized electrical disconnect switch	✓	
Programmable time-delay working lights	✓	
Premium surround lighting package		✓
LED chassis light, left-hand/right-hand boom lights, cab lights – 1,800 lumens	✓	
ENGINE		
Cat® C4.4 single turbo diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
Up to 4500 m (14,760 ft) altitude capability	✓	
50° C (122° F) high-ambient cooling capacity without derate	✓	
–18° C (0° F) cold start capability	✓	
–32° C (–25° F) cold start capability		✓
Double element air filter with integrated pre-cleaner	✓	
145 amp dual alternator	✓	
Electric fuel priming pump	✓	
Reversible electric cooling fans	✓	
Two-stage fuel filtration system with water separator and indicator	✓	
HYDRAULIC SYSTEM		
Electric main control valve	✓	
Auto Dig Boost[5]	✓	
Auto heavy lift	✓	
Boom and stick regeneration circuits	✓	
Automatic hydraulic oil warm up	✓	
Automatic two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Tandem type electronic main pump	✓	
Element type main hydraulic filter	✓	
Hydraulic efficiency monitoring		✓

[5]Requires heavy lift valve; not available for VA Boom

[6]Not compatible with blade.

	Standard	Optional
SAFETY AND SECURITY		
Cat Command (remote control)		✓
2D E-Fence: – E-ceiling – E-floor – E-swing – E-wall – E-cab avoidance	✓	
Auto hammer stop	✓	
Rear and right-hand-sideview cameras	✓	
360° visibility		✓
Right-hand handrail and handhold	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Hydraulic lock out lever	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓	
Signaling/warning horn	✓	
Lockable disconnect switch	✓	
Swing alarm		✓
Inspection lighting		✓
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S℠) ports	✓	
Grouped location for engine oil and fuel filters	✓	
Ground-level second dipstick for engine oil	✓	
Integrated vehicle health management system	✓	
UNDERCARRIAGE AND STRUCTURES		
Base frame with SD track rollers and standard carrier rollers		✓
Base frame with SD track rollers and standard carrier rollers for use with blade		✓
Tie-down points on base frame		✓
Grease lubricated track	✓	
Two-piece segmented track guiding guards		✓
Full-length track guiding guards		✓
HD bottom guards	✓	
HD travel motor guards	✓	
Swivel guard		✓
4.9 mt (10,800 lb) counterweight		✓
6.7 mt (14,770 lb) counterweight[6]		✓
8.3 mt (18,300 lb) counterweight[6]		✓
600 mm (24") HD triple grouser track shoes		✓
790 mm (31") HD triple grouser track shoes		✓
2980 mm (9'9") blade		✓
3170 mm (10'5") blade		✓

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Rain protector plus cab light cover
- Laminated P5A glass front windshield
- Left Hand (LH)/Right Hand (RH) electrical pedal for tool control
- Armrest kit
- Seat with 4-point seatbelt capability
- Dual exit rear window kit
- 75 mm (3") retractable seat belt
- Auxiliary relay

GUARDS

- Operator Protective Guards
- Mesh guard full front
- Mesh guard half front
- Full protecting vandalism guard

MAINTENANCE

- Dust hose kit

SAFETY AND SECURITY

- Cat Detect – People Detection
- Cat Command – Remote control kit
- Seat belt indicator
- Bluetooth key fob

OTHER ATTACHMENTS

- Delayed engine shutdown kit
- Power clam kit

325 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® C4.4 engine 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 (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.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.8 kg (1.8 lb) of refrigerant which has a CO_2 equivalent of 1.144 metric tonnes (1.261 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

ISO 6395:2008 (external) – 97 dB(A)

ISO 6396:2008 (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.

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.
  - Advanced hydraulic systems balance power and efficiency
  - Smart mode matches machine power to digging requirements automatically
  - Eco mode minimizes fuel consumption for light applications
  - Utilizing Cat technologies can help increase operating efficiencies
  - Cut maintenance costs with extended service intervals
  - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

Recycling

- The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

Material Type	Weight Percentage
Steel	82.67%
Iron	5.61%
Nonferrous Metal	2.68%
Mixed Metal	1.28%
Mixed-Metal and Nonmetal	1.07%
Plastic	1.35%
Rubber	0.08%
Mixed Nonmetallic	0.23%
Fluid	3.33%
Other	1.70%
Uncategorized	0.00%
Total	100%

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714:2008 (Earthmoving machinery – Recyclability and recoverability –Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused, or both.

  All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714:2008 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

  Because of variations of product configurations, the following value in the table may vary.

Recyclability – 98%

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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Build Number: 07H
(N Am)

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