



Excavator OEM Solution
Caterpillar Inc.
100 NE Adams St
Peoria, IL 61629-1900 USA

Technical Specifications of 326 GC SLR

Dear Sirs,
Per the tender requirements, we are pleased to offer our CATERPILLAR 326 GC 18 Meters SLR, with the following dimensions, total operating weight of 28,112 kg, complete unit ex-factory of Caterpillar, equipped with 0.29 cubic meter Bucket.

Brand: CATERPILLAR
Model: 326 GC SLR Customized Hydraulic Excavator from Caterpillar
Engine: Cat C7.1 Single Turbo Tier 3 engine equivalent to U.S. EPA Tier 3 and EU Stage IIIA

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Technical Specifications of 326 GC SLR

Operating weights and Ground Pressure

Operating Weight:	28,112kg
Counterweight:	6.25 Ton
Track shoe width:	900mm TG
Number of Track Roller (each side)	8
Number of Carrier Roller (each side)	2
Bucket size:	0.29m ³ GD
Ground Pressure	39.0kPa

Engine

Engine Model	Cat® C7.1 Single Turbo
Net Power	
ISO 9249	157.8 KW
ISO 9249 (DIN)	212 hp (metric)
Engine Power	
ISO 14396	159 KW
ISO 14396 (DIN)	213 hp (metric)
Bore	105 mm 4 in
Stroke	135 mm 5 in
Displacement	7.0 L 428 in ³
Biodiesel Capability	Up to B20 ⁽¹⁾

- Meets China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- 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 1,900 rpm.

- ⁽¹⁾ Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels up to:
- ✓ 100% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

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

*For use of blends higher than 20% biodiesel, consult your Cat dealer.

Swing Mechanism

Swing Speed	10.52 rpm
Maximum Swing Torque	106 KNm

Standards

Brakes	ISO 10265-2008
Cab/Operator protection	ISO 10262 – 1998 Level II
Guard (OPG) (Optional)	

Drive

Gradeability	35°/70%
Maximum Travel Speed	5.57 Km/h 3.5 mph
Maximum Drawbar Pull	227 KN 51,481 lbf

Hydraulic System

Main System – Maximum Flow – Implement	481 L/min (241 × 2 pumps)	127 gal/min (64 × 2 pumps)
Maximum Pressure Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	28 400 kPa	4,118 psi
Boom Cylinder – Bore	135 mm	5 in
Boom Cylinder – Stroke	1305 mm	51 in
Stick Cylinder – Bore	150 mm	6 in
Stick Cylinder – Stroke	1870 mm	74 in
Bucket Cylinder – Bore	100 mm	4 in
Bucket Cylinder – Stroke	939 mm	37 in

Service Refill Capacity

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

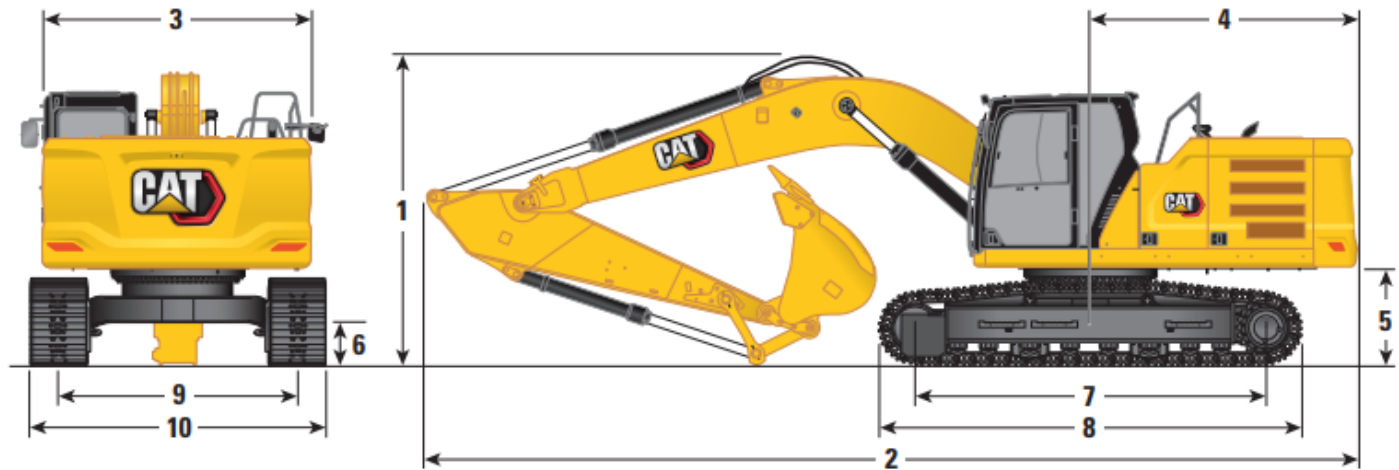
Sound Performance

ISO 6395 (external)	104 dB(A)
ISO 6396 (inside cab)	70 dB(A)
• When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture. • Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.	

Technical Specifications of 326 GC SLR

Dimension

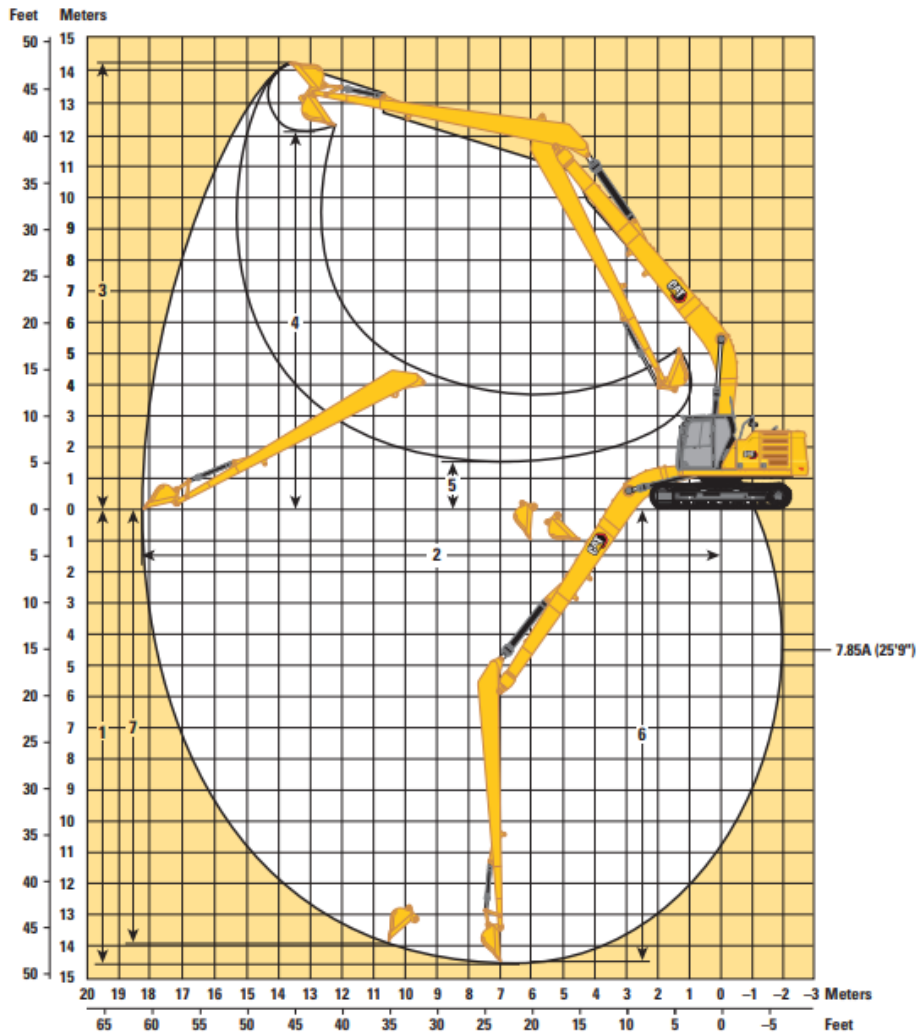
All dimensions are approximate and may vary depending on bucket selection.



Boom Option	SLR BOOM 10.2 m (33'5")
Stick Option	SLR Stick 7.85A (25'9")
1 Machine Height:	
Top of Cab height	3000 mm
Top of FOGS height	3120 mm
Guardrails/Handrails height	3030 mm
With boom/stick/bucket installed	3090 mm
With boom/stick installed	3090 mm
With boom installed	3000 mm
2 Machine length:	
With boom/stick/bucket installed	11400 mm
With boom/stick installed	11400 mm
With boom installed	10310 mm
3 Upper frame width	2740 mm
4 Tail Swing Radius	2840 mm
5 Counterweight clearance	1065 mm
6 Ground clearance	465 mm
7 Track length- Length to center of rollers	3646 mm
8 Track length- Crawler Overall Length	4470 mm
9 Track Gauge	2590 mm
Track width	900 mm
10 Undercarriage width (with steps / without steps)	3490 mm
Bucket type	GD
Bucket Capacity	0.29 m ³
Bucket Tip Radius	1070 mm

Technical Specifications of 326 GC SLR

Working Ranges



Boom Option	SLR BOOM
	10.2 m (33'5")
Stick Option	SLR Stick
	7.85A (25'9")
1 Maximum Digging Depth	14 580 mm
2 Maximum Reach at Ground Line	18 280 mm
3 Maximum Cutting Height	14 210 mm
4 Maximum Loading Height	12 150 mm
5 Minimum Loading height	1 500mm
6 Maximum Depth Cut for 2440 mm (8ft) Level Bottom	14 480 mm
7 Maximum Vertical Wall Digging Depth	13 990 mm
Bucket Digging Force (ISO)	45.0 KN
Stick Digging Force (ISO)	61.0 KN
Bucket type	GD
Bucket Capacity	0.29 m³
Bucket Tip Radius	1070 mm

Technical Specifications of 326 GC SLR

Super Long Reach Boom Lift Capacities – Counterweight: 6.25 mt (13,778 lb) – without Bucket

(mm) (ft/inch)	1500 5'0"	3000 10'0"	4500 15'0"	6000 20'0"	7500 25'0"	9000 30'0"	10500 35'0"	12000 40'0"	13500 45'0"	15000 50'0"	16500 55'0"		(mm) (ft/inch)											
																								
12000 40'0"									* 1750 * 3050	* 1750 * 3050		* 1300 * 2850	* 1300 * 2850 13940 45'03"											
10500 35'0"									* 1900 * 4150	* 1900 * 4150		* 1250 * 2700	* 1250 * 2700 14930 48'07"											
9000 30'0"									* 1900 * 4200	* 1900 * 4200	* 1950 * 3700	1850	* 1200 * 2650 15720 51'04"											
7500 25'0"									* 2000 * 4300	* 2000 * 4300	* 2000 * 4350	1800 3850	* 1200 * 2650 16330 53'05"											
6000 20'0"									* 2100 * 4650	* 2100 * 4650	* 2050 * 4550	1750 3750	* 1200 * 2650 16780 54'11"											
4500 15'0"									* 2350 * 5100	* 2350 * 5100	* 2250 * 4850	2100 4500	* 2150 * 4700 1700 3550	* 2000 * 3700 1350 2800	* 1250 * 2700 1700 2200	17090 56'00"								
3000 10'0"		* 4800	* 4800				* 3150 * 6850	* 3150 * 6850	* 2800 * 6100	* 2800 * 6100	* 2550 * 5550	2450 5200	* 2000 * 4200	* 2250 * 4950	1600 3400	2000 4250	* 1300 * 2800 17260 56'07"							
1500 5'0"		* 1500 * 3500	* 1500 * 3500	* 5400 * 12750	* 5400 * 12750	* 5700 * 12200	* 5700 * 12200	* 4400 * 9450	* 4400 * 9450	* 3650 * 7850	3600 7700	* 3150 * 6800	* 2850 * 6100	* 2800 * 6050	2300 4900	* 2550 * 5550	1850 3950	2300 4950	1500 3200	1950 4150	1250 2600	* 1350 * 2900 1100 2400	17300 56'08"	
0 0		* 1600 * 3600	* 1600 * 3600	* 3600 * 8250	* 3600 * 8250	* 6600 * 14250	5500 11850	* 5000 * 10800	4150 8900	* 4050 * 8750	3250 7000	* 3450 * 7450	2600 5600	* 3050 * 6550	2100 4550	2650 5650	1750 3700	2250 4750	1450 3050	1900 4000	1200 2500	* 1400 * 3050 1100 2350	17200 56'05"	
-1500 -5'0"	* 1550 * 3400	* 1550 * 3400	* 2050 * 4600	* 2050 * 4600	* 3450 * 7850	* 3450 * 7850	* 6500 * 14950	5000 10750	* 5500 * 11900	3800 8100	* 4450 * 9600	3000 6400	3650 7900	2400 5150	3050 6500	2050 4200	2550 5450	1650 3500	2150 4600	1350 2900	1850 3950	1150 2400	* 1500 * 3300 1100 2350	16970 55'07"
-3000 -10'0"	* 2150 * 4750	* 2150 * 4750	* 2650 * 5900	* 2650 * 5900	* 3800 * 8550	* 3800 * 8550	* 6200 * 14100	4700 10150	5550 11950	3550 7600	4350 9300	2800 6000	3500 7550	2250 4850	2900 6250	1850 4000	2450 5250	1550 3300	2100 4500	1300 2750	1800 3150	1100 4150	* 1650 * 3550 1100 2400	16610 54'05"
-4500 -15'0"	* 2750 * 6100	* 2750 * 6100	* 3250 * 7300	* 3250 * 7300	* 4350 * 9800	* 4350 * 9800	* 6500 * 14750	4600 9900	5400 11600	3400 7300	4200 9050	2650 5700	3400 7300	2150 4600	2850 6100	1800 3800	2400 5150	1500 3200	2050 4400	1250 2700			* 1800 * 3950 1150 2500	16090 52'08"
-6000 -20'0"	* 3350 * 7500	* 3350 * 7500	* 3950 * 8800	* 3950 * 8800	* 5050 * 11400	* 5050 * 11400	* 7150 * 15950	4600 9850	5350 11500	3350 7200	4150 8900	2600 5600	3350 7200	2100 4500	2800 6000	1750 3750	2400 5100	1500 3150	2050 4450	1250 2700			2000 4400	1250 2700 15410 50'04"
-7500 -25'0"	* 4050 * 9000	* 4050 * 9000	* 4700 * 10550	* 4700 * 10550	* 5900 * 13300	* 5900 * 13300	7500 16150	4650 10000	5350 11550	3350 7250	4150 8900	2600 5600	3350 7200	2100 4500	2800 6000	1750 3750	2400 5150	1500 3200					2200 4850	1350 3000 14540 47'05"
-9000 -30'0"	* 4750 * 10650	* 4750 * 10650	* 5550 * 12450	* 5550 * 12450	* 6900 * 15650	* 6900 * 15650	* 9000 * 16100	6500 10300	7450 11750	4500 7400	5450 9050	3450 5750	4200 7350	2650 4650	2150 6150	2850 3900	1800 4150						2500 5500	1550 3500 13450 43'08"
-10500 -35'0"	* 5550 * 12450	* 5550 * 12450	* 6500 * 14700	* 6500 * 14700	* 8200 * 18600	* 8200 * 18600	* 9000 * 14800	5000 10750	* 5550 * 11900	3600 7750	4350 9350	2800 6000	3500 7600	2250 4900	3000	1900							2950 6650	1900 4300 12080 39'00"
-12000 -40'0"			* 7650 * 17350	* 7650 * 17350	* 7700 * 16300	* 7700 * 16300	* 6000 * 12750	5300 11450	* 4850 * 10250	3850 8300	* 3950 * 8300	3000 6500											* 3300 * 7250	2550 5800 10300 32'10"



ISO 10567



*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

Prepared by:
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