

950 GC Wheel Loader

Technical Specifications

Engine		
Engine Model	Cat® C7.1	
Rated Net Power @ 2,200 rpm - ISO 9249:2007	151 kW	202 hp
Rated Gross Power @ 2,200 rpm - ISO 14396:2002	168 kW	225 hp
Max Gross Power @ 2,000 rpm - ISO 14396:2002	170 kW	228 hp
Max Gross Torque @ 1,400 rpm	1020 N·m	752 lbf-ft
Max Net Torque @ 1,300 rpm	931 N·m	687 lbf-ft
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in ³

- Cat engine meets Brazil MAR-1, India Bharat Stage III, and China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- The power ratings apply at the stated speed when tested under the reference conditions for the specified standards.
- Net power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator with engine speed at 2,200 rpm.
- The gross power advertised is with the fan at maximum speed.

Weights

Operating	Weight
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18 392 kg 40,547 lb

• Weight and static tipping loads and operating weights shown are based on a machine configuration with Triangle 23.5R25 tires, full fluids, operator, standard counterweight, standard ambient arrangement, open differential axles (front/rear), roading fenders, ride control and a 3.1 m³ (4.0 yd³) general purpose bucket with BOCE.

Operating Specifications

Static Tipping Load Full 38° Turn – ISO 14397-1:2007 (With Tire Deflection)*	10 942 kg	24,123 lb
Static Tipping Load Full 38° Turn – (No Tire Deflection)**	11 638 kg	25,657 lb
Breakout Force	154 kN	34,623 lbf

 For a machine configuration as defined under "Weights."
 *(With Tire Deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

**(No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Transmission		
Forward 1	7.0 km/h	4.3 mph
Forward 2	12.5 km/h	7.8 mph
Forward 3	22.0 km/h	13.7 mph
Forward 4	36.0 km/h	22.4 mph
Reverse 1	7.0 km/h	4.3 mph
Reverse 2	12.5 km/h	7.8 mph
Reverse 3	22.0 km/h	13.7 mph

• Maximum travel speeds (23.5-25 tires).

• Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 760 mm (30 in) roll radius.

Service Refill Capacities

Fuel Tank Size	290 L	76.6 gal
Cooling System	48 L	12.7 gal
Crankcase	20 L	5.3 gal
Transmission	45 L	11.9 gal
Differentials and Final Drives – Front	40 L	10.6 gal
Differentials and Final Drives – Rear	38 L	10 gal
Hydraulic Tank	120 L	31.7 gal



950 GC Wheel Loader Specifications

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.9 kg (4.2 lb) of refrigerant which has a CO_2 equivalent 2.717 metric tonnes (2.995 tons).

Hydraulic System

Implement System Pump Type	Piston					
Steering System Pump Type	Piston					
Implement System – Maximum Pump Output at 2,200 rpm	256 L/min 68 gal/min					
Implement System – Maximum Operating Pressure at 50 ± 1.5 L/min	27 900 kPa 4,047 psi					
Implement System – Optional 3rd Function Maximum Pressure at 70 L/min (18.5 gal/min)	20 680 kPa 2,999 psi					
Implement System – Optional 3rd Function Maximum Flow	240 L/min 63 gal/min					
Hydraulic Cycle Time – Raise from Carry Position	6.1 Seconds					
Hydraulic Cycle Time – Dump at Maximum Raise	1.2 Seconds					
Hydraulic Cycle Time – Lower, Empty, Float Down	2.8 Seconds					
Hydraulic Cycle Time – Total Cycle Time	10.1 Seconds					

Tires*

- Choices include:
- 23.5-25 16PR, L3 (Triangle)

23.5R25 ******, L3 (Triangle and Maxam)

23.5R25 *, L3 (Bridgestone)

23.5R25, L5 (Triangle, Maxam, and Bridgestone)

*Tire offerings vary by region. Consult your local Cat dealer for further details.

Sound

The sound values indicated below are for specific operating conditions only. Machine and operator sound levels will vary at different engine and/or cooling fan speeds. Hearing protection may be needed when the machine is operated with a cabin that is not properly maintained, or when the doors and/or windows are open for extended periods or in a noisy environment.

With Cooling Fan Speed at Maximum Value:								
Operator Sound Pressure Level (ISO 6396:2008)	75 dB(A)							
Exterior Sound Power Level (ISO 6395:2008)	108 dB(A)							
With Cooling Fan Speed at 70% of Maximum Value:*								
Operator Sound Pressure Level (ISO 6396:2008)	75 dB(A)							
Exterior Sound Power Level	106 L _{wa} **							
*For machines in countries that adopt the "FU Dire	*For machines in countries that adopt the "FU Directives"							

*For machines in countries that adopt the "EU Directives." **European Union Directives "2000/14/EC" as amended by "2005/88/EC."

Cab

ROPS/FOPS

ROPS/FOPS meet ISO 3471:2008 and ISO 3449:2005 Level II standards

Brakes

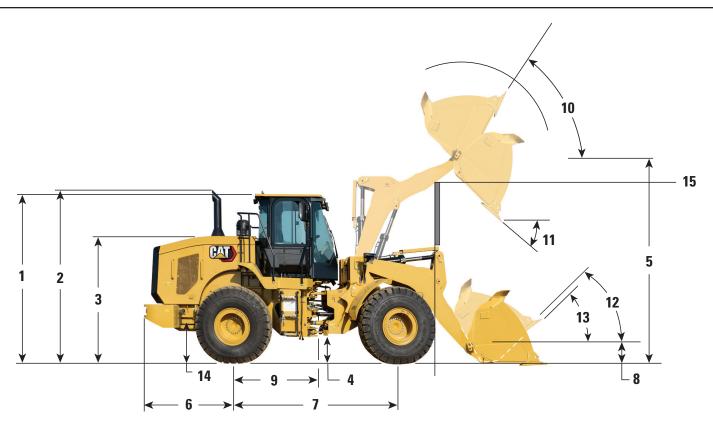
Brakes

Brakes meet ISO 3450:2011 standards

950 GC Wheel Loader Specifications

Dimensions

All dimensions are approximate and based on L3 Triangle 23.5-25 Bias tires.



1 Height to Top of ROPS	3458 mm	11'4"
2 Height to Top of Exhaust Pipe	3596 mm	11'10"
3 Height to Top of Hood	2568 mm	8'5"
4 Ground Clearance	460 mm	1'6"
5 B-Pin Height	4188 mm	13'9"
6 Center Line of Rear Axle to Edge of Counterweight	2001 mm	6'6"
7 Wheelbase	3300 mm	10'10"
8 B-Pin Height at Carry	655 mm	2'2"
9 Center Line of Rear Axle to Hitch	1650 mm	5'5"
10 Rack Back at Maximum Lift	60 degr	rees
11 Dump Angle at Maximum Lift	52 degr	rees
12 Rack Back at Carry	45 degr	rees
13 Rack Back at Ground	40 degr	rees
14 Height to Center Line of Axle	750 mm	2'6"
15 Lift Arm Clearance	3649 mm	12'0"

Turning Radius

All dimensions are approximate and based on L3 Triangle 23.5-25 Bias tires.

Turning Radius to Outside of Tires	6164 mm	20'3"
Turning Radius to Inside of Tires	3419 mm	11'3"
Width Over Tires	2790 mm	9'2"
Turning Radius to Outside Edge of Counterweight	6190 mm	20'3"

Bucket Fill Factors and Selection Chart

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard, demonstrate fill factors significantly higher than previous generation or non Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Material Density	Fill Factor (%)*
Earth/Clay		1500-1700 kg/m ³ (2,528-2,865 lb/yd ³)	115
Sand and Gravel		1500-1700 kg/m ³ (2,528-2,865 lb/yd ³)	115
Aggregate:	25-76 mm (1 to 3 in)	1600-1700 kg/m ³ (2,696-2,865 lb/yd ³)	110
	19 mm (0.75 in) and smaller	1800 kg/m ³ (3,033 lb/yd ³)	105
Rock:	76 mm (3 in) and larger	1600 kg/m ³ (2,696 lb/yd ³)	100

*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

	Mate	rial Density	kg/m³	700) 800	900	1000	1100	1200	1300	1400	15	00 10	600 1	700	1800	1900 2	2000	2100	2200	2300	2400	2500
			2.70 m ³												3.11 m ³				2.70 m ³				
			3.10 m ³								3.57	m ³			3.	 10 m³ 							
age	Purpose	Pin On	3.30 m ³							3.80) m ³			3.30	 m ³								
Standard Linkage	General Purpose		3.40 m ³							3.91 m ³			3	 .40 m³ 									
Star			3.60 m ³						4.14 m ³			3.6	0 m ³										
		Hook On	3.10 m ³							3.	57 m³			3.	 10 m³ 								
	Material Handling	Pin On	4.40 m ³			5.06	6 m ³		 4.40 m³ 														
		Pin On	2.70 m ³											3.11 m	3			 2.70 m ³ 					
High Lift	General Purpose		2.90 m ³									3.3	3 m³			2.9	90 m ³						
	Material Handling	Pin On	3.60 m ³					4.14	m ³		3.60	m ³											
11	Bucke	t Fill Factors 105% 100% 95%																					

All buckets are showing Bolt-On Edges.

Operating Specifications

Bucket Type					Gener	al Purpose –	Pin On			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Teeth	Bolt-On Cutting Edges	Teeth and Segments	Teeth	Bolt-On Cutting Edges	Teeth and Segments	Teeth
Capacity – Rated	m ³	2.70	2.70	2.50	3.10	3.10	2.90	3.30	3.30	3.10
Capacity - 110% Rated	m ³	2.97	2.97	2.75	3.41	3.41	3.19	3.63	3.63	3.41
Width	mm	2927	2994	2994	2927	2994	2994	2927	2994	2994
Dump Clearance at Maximum Lift and 45° Discharge	mm	3130	3015	3015	3050	2933	2933	3012	2894	2894
Reach at Maximum Lift and 45° Discharge	mm	1207	1320	1320	1262	1374	1374	1293	1404	1404
Reach at Level Lift Arm and Bucket Level	mm	2620	2781	2781	2720	2881	2881	2770	2931	2931
Digging Depth	mm	86	86	56	86	86	56	86	86	56
Overall Length	mm	8138	8312	8312	8238	8412	8412	8288	8462	8462
Overall Height with Bucket at Maximum Lift	mm	5557	5557	5557	5642	5642	5642	5690	5690	5690
Loader Clearance Circle with Bucket at Carry Position	mm	13 763	13 927	13 927	13 819	13 984	13 984	13 847	14 013	14 013
Static Tipping Load, Straight with Tire Squash*	kg	12 618	12 481	12 807	12 577	12 438	12 766	12 491	12 352	12 672
Static Tipping Load, Straight without Tire Squash*	kg	13 328	13 190	13 525	13 290	13 151	13 488	13 207	13 067	13 397
Static Tipping Load, Articulated with Tire Squash*	kg	10 975	10 838	11 147	10 942	10 804	11 115	10 862	10 722	11 027
Static Tipping Load, Articulated without Tire Squash*	kg	11 666	11 528	11 846	11 638	11 498	11 820	11 559	11 419	11 733
Breakout Force	kN	168	166	184	154	153	168	148	147	160
Operating Weight	kg	18 454	18 562	18 405	18 392	18 500	18 343	18 433	18 541	18 384
Reach at 2134 mm Height, 45° Dumped	mm	1903	1965	1965	1923	1978	1978	1936	1988	1988
Clearance at Full Raise and Dump (on Stops)	mm	3028	2897	2897	2954	2823	2823	2917	2786	2786
Dump Angle at Full Raise and Dump (on Stops)	degrees	53	53	53	52	52	52	52	52	52

*Static tipping loads and operating weights shown are based on standard machine configuration with 23.5R25 L3 Triangle TB516 radial tires, full fuel tank, coolants, lubricants, air conditioner and operator.

(With Tire Deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Bucket and work tool offerings vary by region. Consult your local Cat dealer for further details.

Operating Specifications

Bucket Type			General Purpose – Pin On				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Teeth	Bolt-On Cutting Edges	Teeth and Segments	Teeth
Capacity – Rated	m ³	3.40	3.40	3.20	3.60	3.60	3.40
Capacity – 110% Rated	m ³	3.74	3.74	3.52	3.96	3.96	3.74
Width	mm	2927	2994	2994	2927	2994	2994
Dump Clearance at Maximum Lift and 45° Discharge	mm	2985	2867	2867	2939	2820	2820
Reach at Maximum Lift and 45° Discharge	mm	1314	1424	1424	1351	1460	1460
Reach at Level Lift Arm and Bucket Level	mm	2805	2966	2966	2865	3026	3026
Digging Depth	mm	86	86	56	86	86	56
Overall Length	mm	8323	8497	8497	8383	8557	8557
Overall Height with Bucket at Maximum Lift	mm	5722	5722	5722	5781	5781	5781
Loader Clearance Circle with Bucket at Carry Position	mm	13 867	14 034	14 034	13 902	14 069	14 069
Static Tipping Load, Straight with Tire Squash*	kg	12 432	12 292	12 616	12 168	12 027	12 349
Static Tipping Load, Straight without Tire Squash*	kg	13 149	13 008	13 343	12 887	12 745	13 078
Static Tipping Load, Articulated with Tire Squash*	kg	10 805	10 665	10 974	10 548	10 407	10 714
Static Tipping Load, Articulated without Tire Squash*	kg	11 505	11 363	11 682	11 249	11 107	11 424
Breakout Force	kN	144	143	156	137	135	147
Operating Weight	kg	18 460	18 568	18 411	18 676	18 784	18 627
Reach at 2134 mm Height, 45° Dumped	mm	1944	1993	1993	1958	2003	2003
Clearance at Full Raise and Dump (on Stops)	mm	2891	2760	2760	2846	2716	2716
Dump Angle at Full Raise and Dump (on Stops)	degrees	52	52	52	51	51	51

*Static tipping loads and operating weights shown are based on standard machine configuration with 23.5R25 L3 Triangle TB516 radial tires, full fuel tank, coolants, lubricants, air conditioner and operator.

(With Tire Deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Bucket and work tool offerings vary by region. Consult your local Cat dealer for further details.

Operating Specifications

Bucket Type		Gener	Flat Floor – Pin On		
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Teeth	Bolt-On Cutting Edges
Capacity – Rated	m ³	3.10	3.10	2.90	4.4
Capacity – 110% Rated	m ³	3.41	3.41	3.19	4.84
Width	mm	2927	2994	2994	3059
Dump Clearance at Maximum Lift and 45° Discharge	mm	3008	2891	2891	2782
Reach at Maximum Lift and 45° Discharge	mm	1299	1410	1410	1357
Reach at Level Lift Arm and Bucket Level	mm	2775	2936	2936	2996
Digging Depth	mm	94	94	64	102
Overall Length	mm	8299	8473	8473	8527
Overall Height with Bucket at Maximum Lift	mm	5662	5662	5662	5910
Loader Clearance Circle with Bucket at Carry Position	mm	13 850	14 017	14 017	14 109
Static Tipping Load, Straight with Tire Squash*	kg	11 834	11 696	12 014	11 695
Static Tipping Load, Straight without Tire Squash*	kg	12 535	12 396	12 723	12 404
Static Tipping Load, Articulated with Tire Squash*	kg	10 224	10 086	10 388	10 105
Static Tipping Load, Articulated without Tire Squash*	kg	10 908	10 768	11 080	10 796
Breakout Force	kN	146	145	159	123
Operating Weight	kg	19 021	19 129	18 972	18 881
Reach at 2134 mm Height, 45° Dumped	mm	1940	1993	1993	1878
Clearance at Full Raise and Dump (on Stops)	mm	2907	2777	2777	2739
Dump Angle at Full Raise and Dump (on Stops)	degrees	52	52	52	47.7

*Static tipping loads and operating weights shown are based on standard machine configuration with 23.5R25 L3 Triangle TB516 radial tires, full fuel tank, coolants, lubricants, air conditioner and operator. Hook On Bucket includes Quick Coupler.

(With Tire Deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No Tire Deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Bucket and work tool offerings vary by region. Consult your local Cat dealer for further details.

Standard and Optional Equipment

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

POWER TRAIN ELECTRICAL Brakes, full hydroulic enclosed wet-disc ✓ Cat C7.1 Tirs 2 equivalent ✓ EIMS (Engine Idle Management System) ✓ Fan, rutator, electronically controlled, ✓ Materia Control ✓ Fan, ruter, engine air, primary/secondary /tertiary ✓ Filter, fuel primary/secondary/tertiary ✓ Fuel priming pump (manual) ✓ Fuel priming pump (manual) ✓ Faultator, unit core (9.5 fpi) with ATAAC ✓ Starting aid, glow plugs ✓ Switch, transmission, automatic, power shift (4F/3R), ✓ Air conditioning (HVAC) with 10 vents and ✓ Transmission, automatic, power shift (4F/3R), ✓ Cah, pressurized and sound suppressed ✓ Canera, rearive ✓ Coat hook ✓ Horra ✓ Horra elevisor internal and external ✓ Pilot pridrudic controls (kr) ✓ Cadia sensing implement system pilot operated ✓ Coat hook ✓ Coathook ✓		Standard	Optional		Standard	Optiona
Cat C7.1 Tier 3 equivalent ✓ EIMS (Engine Idle Management System) ✓ EIMS (Engine Idle Management System) ✓ Batteries, maintenance free (2×900 CCA) ✓ Ingritter (and primary)secondary) ✓ Filter, rule primary)secondary ✓ Fuel primary)secondary ✓ Fuel primary)secondary ✓ Fuel primary)secondary ✓ Fuel primary secondary, expressed ✓ Radiator, unit core (9.5 pi) with ATAAC ✓ Switch, transmission, automatic, power shift (4F/3R), * ✓ Kick-down function, orespeed protection ✓ Defleated brake and fan gear pump ✓ Dedicated brake and fan gear pump ✓ Can pressurized and sound suppressed ✓ Coat hook ✓ Coat hook ✓ Mirrors, rearview ✓ Coat hook ✓ Mirrors, rearview internal and external ✓ Mirrors, rearview internal and ex	POWER TRAIN			ELECTRICAL		
EIMS (Engine Idle Management System) ✓ Fan, radiator, electronically controlled, or hydraulically driven, temperature sensing, on demand ✓ Fan, rearrising cooling, automatic and manual control ✓ Filter, engine air, primary/secondary/tertiary ✓ Fuel primary/secondary/tertiary ✓ Fuel primary/secondary ✓ Fadiator, unit core (9.5 fpi) with ATAAC ✓ Starting aid, glow plugs ✓ Starting aid, glow plugs ✓ Starting aid, glow plugs ✓ Torque converter ✓ Transmission, automatic, power shift (4F/3R), «/ kick-down function, overspeed protection ✓ OPERATOR ENVIRONMENT ✓ Air conditioning (HVAC) with 10 vents and filer unit located outside of cab ✓ Buckelvork tool function lockout ✓ Cap nessurized and sound suppressed ✓ Cap nessurized and sound suppressed ✓ Computerized monitoring system ✓ Computerized monitoring system ✓ Cap nessurized and sound suppressed ✓ Files and defoster ✓ Pilot hydraulic controls, fift and tilt function; ✓ Files pera	Brakes, full hydraulic enclosed wet-disc	\checkmark		Alarm, back-up/main disconnect switch	\checkmark	
Fan. radiator, electronically controlled, hydraulially driven, temperature sensing, on demand ✓ Fan. rediator, electronically controlled, hydraulially driven, temperature sensing, on demand ✓ Fan. reversing cooling, automatic and manual control ✓ Filter, negine air, primary/secondary/tertiary ✓ Filter, sengine air, primary/secondary/tertiary ✓ Fuel priming pump (manual) ✓ Fuel priming pump (manual) ✓ Fuel priming pump (manual) ✓ Radiator, unit core (9.5 (pi) with ATAAC ✓ Switch, transmission neutralizer lockout ✓ Torque converter ✓ Transmission, automatic, power shift (4F/3R), ✓ Kick-down function, overspeed protection OPERATOR ENVIRONMENT ✓ Dedicated ous sensing inplement system pilot operated ✓ Quick coupler control Ride control Rine control inctroin bockott ✓ Can hook ✓ Computerized monitoring system ✓ Computerized monitoring system ✓ Hord ✓ Mirrors, rearview internal and external ✓ Fuel control Kitai aubereter viewith ithe ith restores	Cat C7.1 Tier 3 equivalent	\checkmark		Alternator (115-amp, brush type)	\checkmark	
hydraulically driven, temperature sensing, on demand Ighting system: 4 halogen work lights Fan, reversing cooling, automatic and manual control Ighting system: 8 halogen work lights Filter, fuel primary/secondary v Ighting system: 4 halogen work lights Filters, engine air, primary/secondary v Ighting system: 4 halogen work lights Fuel primary/secondary v Ighting system: 4 halogen work lights Fuel primary/secondary v Ighting system: 4 halogen work lights Fuel primary/secondary v Ighting system: 4 halogen work lights Fuel primary/secondary v Ighting system: 4 halogen work lights Fuel primary/secondary v Ighting system: 4 halogen work lights Fuel primary secondary v Ighting system: 4 halogen work lights Fuel primary secondary v Ighting system: 4 halogen work lights Muifler, sound suppressed V Switch, transnission neutralizer lockout v Dedicated load sensing sterm pilot operated v Varice converter V Transnission automatic, power shift (HF/R), kick-down function, coverspeed protection Dedicated load sensing sterm pilot operated v Derkardon turk diditional dedicated single axis lever V Bucket/work tool function lockout V Cah presurized and sound suppressed V Computerized monitoring system V Computerized monitoring system V Ouright console V Door, service access (locking) V Heater and defroster V Ither hand inght sides V Dif	EIMS (Engine Idle Management System)	\checkmark		Batteries, maintenance free (2×900 CCA)	\checkmark	
on demand Implement of the second		\checkmark		Ignition key; start/stop switch	\checkmark	
Fail, reversing cooling, automatic and manual control ✓ Filter, fuel primary/secondary //erritary ✓ Filter, engine air, primary/secondary ✓ Rotating lights with high/low beam and F Lightis; warning beacon Fuel priming pump (manual) ✓ Fuel priming pump (manual) ✓ Rotating aid, glow plugs ✓ Radiator, unit core (9.5 fpi) with ATAAC ✓ Starting aid, glow plugs ✓ Switch, transmission neutralizer lockout ✓ Torque converter ✓ Transmission automatic, power shift (4F/3R), ✓ kick-down function, overspeed protection ✓ Deficated load sensing implement system pilot operated ✓ Quick coupler control Ride control Ride control SO-S SM oil sampling valves ✓ Cah pressurized and sound suppressed ✓ ✓ Coat hook ✓ ✓ Thiad bucket return-to-dig kickouts ✓ Coat hook ✓ ✓ Autolube system ✓ Doors, service access (locking) ✓ ✓ Autolube system ✓ Horn ✓ Fende					\checkmark	
Tarter, Primery/secondary ✓ Fuel priming pump (manual) ✓ Fuel priming pump (manual) ✓ Fuel priming pump (manual) ✓ Fuel/water separator ✓ Muffler, sound suppressed ✓ Radiator, unit core (25.5 fpi) with ATAAC ✓ Starting aid, glow plugs ✓ Switch, transmission neutralizer lockout ✓ Transmission, automatic, power shift (4F/3R), ✓ Kick-down function, overspeed protection Dedicatel load sensing steering pump ✓ Defeatore Intwomememe ✓ Operatore Intwomememe ✓ Quick coupler control Radia guist coll function lockout ✓ Roading lights with high/low beam and F Bucket/work tool function overspeed protection ✓ Dedicatel load sensing steering pump ✓ Dedicatel oback sensing implement system pilot operated ✓ Quick coupler control Reado in guist sensing implement system pilot operated ✓ Cab. presurized and and suppressed ✓ ✓ Set Cost Start for iter of the duit function with additional dedicated single axis lever ✓ Computerized monitoring system ✓ ✓ Cold weather starting (batt			\checkmark			√ √
Full principal pump (manal) ✓ Fuel princip pump (manal) ✓ Fuel variance principal pump (manal) ✓ Fuel variance principal pump (manal) ✓ Starter, sound suppressed ✓ Muffler, sound suppressed ✓ Starting and charging system, 24V ✓ Starting and charging system, 24V ✓ Torque converter ✓ Transmission neutralizer lockout ✓ Air conditioning (HYAC) with 10 vents and filter unit located outside of cab ✓ Bucket/work tool function lockout ✓ Cah presurized and sound suppressed ✓ Computerized monitoring system ✓ Computerized monitoring system ✓ Courp realizer starting didfication filt console ✓ Doors, service access (locking) ✓ Horn ✓ Mirtors, rearview internal and external ✓ Pender extensions or roading ✓ Grill, airborne debris ✓ Hord metalicinon, complet ✓ Horn ✓ Roder Srifting uspended ✓ Horn ✓	Filter, fuel primary/secondary/tertiary	\checkmark		Lights: warning beacon		\checkmark
Full priming pump (maintai) ✓ Full yrater separator ✓ Muffler, sound suppressed ✓ Radiator, unit core (9.5 fpi) with ATAAC ✓ Starting aid, glow plugs ✓ Starting aid, glow plugs ✓ Starting aid, glow plugs ✓ Torque converter ✓ Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection ✓ Defeatore EvvirgonMent ✓ Quick coupler control SO S ^M oil sampling valves ✓ Person EvvirgonMent ✓ Cab, pressurized and sound suppressed ✓ ✓ Coart hook ✓ ✓ Computerized monitoring system ✓ ✓ Computerized monitoring system ✓ ✓ Computerized monitoring system ✓ ✓ Mirrors, rearview internal and external ✓ ✓ Piolot hydraulic controls, lift and tif function; ✓ ✓	Filters, engine air, primary/secondary	\checkmark				\checkmark
Fuelwater separator ✓ Muffler, sound suppressed ✓ Muffler, sound suppressed ✓ Starting aid, glow plugs ✓ Starting aid, glow plugs ✓ Switch, transmission neutralizer lockout ✓ Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection ✓ Deficiented load sensing steering pump ✓ Deficiented load sensing steem pilot operated ✓ Air conditioning (HVAC) with 10 vents and filter unit located outside of cab ✓ Bucket/work tool function lockout ✓ Camera, rearview ✓ Coat hook ✓ Coup holders and personal tray or ing the constrol ✓ Mirrors, rearview internal and external ✓ Piot hydraulic controls, lift and tilt function; ventry externsions or roading ✓ Piot hydraulic controls, lift and tilt function; ventry externsions or roading ✓ Piot hydraulic controls, lift and suff function; ventry externsions or roading ✓ Piot hydraulic controls, lift and tilt function; ventry externing uard ✓ Radio installation, complete ✓ ✓ Power traing guard ✓ Hitch, drawbar with pin </td <td>Fuel priming pump (manual)</td> <td>✓</td> <td></td> <td></td> <td></td> <td></td>	Fuel priming pump (manual)	✓				
Multer, sound suppressed V Radiator, unit core (9.5 fpi) with ATAAC V Switch, transmission neutralizer lockout V Switch, transmission neutralizer lockout V Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection V Dedicated load sensing steering pump V Dedicated load sensing steering pump V Dedicated load sensing steering pump V Uad sensing implement system pilot operated V Quick coupler control Ride control Kick-down function, overspeed protection SO/S ^M oil sampling valves V Systex/work tool function lockout V SO/S ^M oil sampling valves V Camera, rearview V Edicated locad sensing steering pump V Coupterized monitoring system V SO/S ^M oil sampling valves V Computerized monitoring system V V So/S ^M oil sampling valves V Cold weather starting did/Least statting aid/ Counterweight, 1800 kg V V Mirrors, rearview internal and external V So/Singe ray beline seat V Piol hydraulic controls, lift and tilt function; V	Fuel/water separator	\checkmark				
Radiator, unit core (9.5 fpi) with ATAAC ✓ Starting aid, glow plugs ✓ Starting aid, glow plugs ✓ Switch, transmission neutralizer lockout ✓ Transmission neutralizer lockout ✓ Transmission neutralizer lockout ✓ Transmission, neutralizer lockout ✓ Transmission, neutralizer lockout ✓ Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection ✓ DPERATOR ENVIRONMENT SO-S SM oli sampling valves ✓ Bucket/work tool function lockout ✓ SO-S SM oli sampling valves ✓ Cah, pressurized and sound suppressed ✓ Gamera, rearview ✓ INKAGE Fusion TM quick coupler control Elsit and bucket return-to-dig kickouts ✓ Coat hook ✓ Z-bar, fabricated crosstube/till lever ✓ Dors, service access (locking) ✓ Autolube system Cold weather starting (battries 2x 1.400 kg ✓ Mirrors, rearview internal and external ✓ Fenders (front and rear) steel ✓ Mirrors, rearview internal and external ✓ Fenders (front and rear) steel ✓ Via(2) single axis levers or j	Muffler, sound suppressed	√			\checkmark	
Starting aid, glow plugs ✓ Switch, transmission neutralizer lockout ✓ Torque converter ✓ Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection ✓ DPERATOR ENVIRONMENT SO-S ^M oil sampling valves ✓ Air conditioning (HVAC) with 10 vents and filter unit located outside of cab ✓ 3 rd function with additional dedicated single axis lever Bucket/work tool function lockout ✓ ✓ 3 rd function with additional dedicated single axis lever Camera, rearview ✓ ✓ ✓ ✓ Computerized monitoring system ✓ ✓ ✓ ✓ Computerized monitoring system ✓ ✓ ✓ ✓ ✓ Horn ✓ ✓ AbDITIONAL EOUIPMENT ✓ AbDITIONAL EOUIPMENT ✓ Mitrors, rearview internal and external ✓ ✓ ✓ ✓ ✓ ✓ Pilot hydraulic controls, lift and tilt function; ✓ ✓ ✓ ✓ ✓ ✓ ADDITIONAL EOUIPMENT ✓ ✓ ADITIONAL EOUIPMENT ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓				
Switch, transmission neutralizer lockout ✓ Torque converter ✓ Transmission, automatic, power shift (4F/3R), kick-down function, overspeed protection ✓ PERATOR ENVIRONMENT ✓ Air conditioning (HVAC) with 10 vents and filter unit located outside of cab ✓ Bucket/work tool function lockout ✓ Cah, pressurized and sound suppressed ✓ Camera, rearview ✓ Coat hook ✓ Computerized monitoring system ✓ Doors, service access (locking) ✓ Heater and defroster ✓ Horn ✓ Mirrors, rearview internal and external ✓ Mirrors, rearvie instral and sternal ✓ Pilot hydraulic controls, lift and tilt function; ✓ Radio installation, complete ✓ RopSyFOPS Structure ✓ Steering column, adjustable angle ✓ Steering column, adjustable angle ✓ Vindow, sliding (left and right sides) ✓	Starting aid, glow plugs	\checkmark				
Torque converter ✓ Transmission, automatic, power shift (4F/3R), */ ✓ Mirconditioning (HVAC) with 10 vents and filter unit located outside of cab ✓ Bucket/work tool function lockout ✓ Cambra, rearview ✓ Cambra, rearview ✓ Coat hook ✓ Doors, service access (locking) ✓ Mirrors, rearview into (10A) ✓ Mirrors, rearview into (2) single axis levers or joystick ✓ Morn ✓ Mirrors, rearview into (10A) ✓ Morn ✓ Mirrors, rearview into (10A) ✓ Mirrors, rearview internal and external ✓ Plot hydraulic controls, lift and filt function; ✓ Vio (2) single axis levers or joystick ✓ Robry/FOPS structure ✓ Steering column, adjustable angle ✓ Steering column, adjustable angle ✓ Steering column, adjustable angle ✓ Steering secondary, electrical ✓ Window, sliding (left and right sides) ✓ Window, sliding (left and right sides) ✓ Storage tray behind sea		✓				
Transmission, automatic, power shift (4F/3R), ✓ Kick-down function, overspeed protection ✓ PPERATOR ENVIRONMENT Kide control Air conditioning (HVAC) with 10 vents and filter unit located outside of cab ✓ Bucket/work tool function lockout ✓ Cah, pressurized and sound suppressed ✓ Camera, rearview ✓ Coat hook ✓ Cup holders and personal tray ✓ on right console ✓ Dors, service access (locking) ✓ Horr ✓ Wirrors, rearview internal and external ✓ Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick ✓ PiV power port (10A) ✓ Radio installation, complete ✓ Seat, Cat Comfort (cloth), mechanical ✓ Seat, air suspended ✓ Seat, air suspended ✓ Stering column, adjustable angle ✓ Stering column, adjustable angle ✓ Window, sliding (left and right sides) ✓	,	√			✓	
kick-down function, overspeed protection Ride control PPEATOR ENVIRONMENT S-O-S SM oil sampling valves ✓ Air conditioning (HVAC) with 10 vents and filter unit located outside of cab S' ^M function with additional dedicated single axis lever Bucket/work tool function lockout ✓ Cab, pressurized and sound suppressed ✓ Camera, rearview ✓ Coat hook ✓ Computerized monitoring system ✓ Coup holders and personal tray on right console ✓ Doors, service access (locking) ✓ Heater and defoster ✓ Horn ✓ Pilot hydraulic controls, lift and tilt function; ✓ Vol power port (10A) ✓ RobS/FOPS structure ✓ Seat, Cat Comfort (cloth), mechanical sugle ✓ Seering, secondary, electrical ✓ Steering, secondary, electrical ✓ Window, sliding (left and right sides) ✓	•	✓				✓
Air conditioning (HVAC) with 10 vents and filter unit located outside of cab Image: State of the state						\checkmark
filter unit located outside of cab Bucket/work tool function lockout Cah, pressurized and sound suppressed Camera, rearview Cahook Computerized monitoring system Cup holders and personal tray or right console Doors, service access (locking) V Heater and defroster Horn Vindow; sliding (left and right sides) V Bitch unit located outside of cab	PERATOR ENVIRONMENT				✓	
Cab, pressurized and sound suppressed ✓ Camera, rearview ✓ Coat hook ✓ Computerized monitoring system ✓ Cup holders and personal tray ✓ on right console ✓ Doors, service access (locking) ✓ Heater and defroster ✓ Horn ✓ Mirrors, rearview internal and external ✓ Pilot hydraulic controls, lift and tilt function; ✓ I2V power port (10A) ✓ Radio installation, complete ✓ Seat, Cat Comfort (cloth), mechanical ✓ Stering column, adjustable angle ✓ Stering, secondary, electrical ✓ Window, sliding (left and right sides) ✓		\checkmark				\checkmark
Camera, rearview ✓ Camera, rearview ✓ Coat hook ✓ Computerized monitoring system ✓ Cup holders and personal tray on right console ✓ Doors, service access (locking) ✓ Heater and defroster ✓ Horn ✓ Mirrors, rearview internal and external ✓ Pilot hydraulic controls, lift and tilt function; ✓ two (2) single axis levers or joystick ✓ 12V power port (10A) ✓ Radio installation, complete ✓ Seat, cat Comfort (cloth), mechanical ✓ Steering column, adjustable angle ✓ Steering, secondary, electrical ✓ Window, sliding (left and right sides) ✓	Bucket/work tool function lockout	\checkmark		LINKAGE		
Coathook✓Coathook✓Computerized monitoring system✓Cup holders and personal tray on right console✓Doors, service access (locking)✓Heater and defroster✓Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓RoPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Stering column, adjustable angle✓Storage tray behind seat✓Window, sliding (left and right sides)✓	Cab, pressurized and sound suppressed	\checkmark		Fusion [™] quick coupler control		\checkmark
Coat hook✓Computerized monitoring system✓Cup holders and personal tray on right console✓Doors, service access (locking)✓Heater and defroster✓Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓RoPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Stering column, adjustable angle✓Storage tray behind seat✓Window, sliding (left and right sides)✓	Camera, rearview		\checkmark		\checkmark	
Computerized monitoring system✓Cup holders and personal tray on right console✓Doors, service access (locking)✓Heater and defroster✓Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓RoPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Stering column, adjustable angle✓Storage tray behind seat✓Window, sliding (left and right sides)✓	Coat hook	\checkmark				
Cup holders and personal tray on right console✓Doors, service access (locking)✓Heater and defroster✓Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓ROPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Steering, secondary, electrical✓Storage tray behind seat✓Window, sliding (left and right sides)✓	Computerized monitoring system	\checkmark			~	
On right consoleDoors, service access (locking)✓Heater and defroster✓Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓KOPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Steering column, adjustable angle✓Steering, secondary, electrical✓Window, sliding (left and right sides)✓	Cup holders and personal tray	✓				,
DefinitionImage: constraint of the function of the f						
Heater and detroster✓Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓ROPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Steering column, adjustable angle✓Steering, secondary, electrical✓Window, sliding (left and right sides)✓	Doors, service access (locking)	\checkmark		Cold weather starting (batteries $2 \times 1400 \text{ CCA}$ and ether starting aid)		\checkmark
Horn✓Mirrors, rearview internal and external✓Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓12V power port (10A)✓Radio installation, complete✓ROPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Steering column, adjustable angle✓Steering, secondary, electrical✓Window, sliding (left and right sides)✓	Heater and defroster	\checkmark				
Mirrors, rearview internal and external ✓ Pilot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick ✓ 12V power port (10A) ✓ Radio installation, complete ✓ ROPS/FOPS structure ✓ Seat, Cat Comfort (cloth), mechanical suspension ✓ Seat, air suspended ✓ Steering column, adjustable angle ✓ Storage tray behind seat ✓ Window, sliding (left and right sides) ✓	Horn	\checkmark			•	√
Phot hydraulic controls, lift and tilt function; two (2) single axis levers or joystick✓I2V power port (10A)✓Radio installation, complete✓ROPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Seat, air suspended✓Steering column, adjustable angle✓Storage tray behind seat✓Window, sliding (left and right sides)✓	Mirrors, rearview internal and external	\checkmark				•
Two (2) single data forers of joystek12V power port (10A)✓Radio installation, complete✓ROPS/FOPS structure✓Seat, Cat Comfort (cloth), mechanical suspension✓Seat, air suspended✓Steering column, adjustable angle✓Steering, secondary, electrical✓Storage tray behind seat✓Window, sliding (left and right sides)✓		\checkmark			•	
Radio installation, complete Image: structure installation, complete Image: structure installation, complete ROPS/FOPS structure Image: structure installation, complete installatingeneratingeneration, complete installation, complete i						•
ROPS/FOPS structure✓Hood, metallic panels on steel structure✓Seat, Cat Comfort (cloth), mechanical suspension✓L5 traction tiresSeat, air suspended✓Power train guardSteering column, adjustable angle✓Precleaner, turbineSteering, secondary, electrical✓ToolboxStorage tray behind seat✓Windshield guard		\checkmark				
Not of of outcetureImage: Section of the	-		\checkmark			
Seat, air suspended ✓ Steering column, adjustable angle ✓ Steering, secondary, electrical ✓ Storage tray behind seat ✓ Window, sliding (left and right sides) ✓					✓	
Seat, air suspended✓Precleaner, turbineSteering column, adjustable angle✓Product Link™ readySteering, secondary, electrical✓ToolboxStorage tray behind seat✓Windshield guard		\checkmark				✓ ✓
Steering column, adjustable angleImage: Column diagonal dia	-		\checkmark			√
Steering, secondary, electrical Image: Constraint of the secondary of the seco	-	✓				
Storage tray behind seat✓Windshield guardWindow, sliding (left and right sides)✓			✓			·
Window, sliding (left and right sides)		✓				•
				minusinela guara		v
Not all features are available in all regions. Please check with your loca	Window, shall (left and right sides) Wipers/washers (front and rear)		·			

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

For additional information, refer to the Technical Specifications brochures for the 950 GC model available at www.cat.com or your Cat dealer.



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

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

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