980K
Wheel Loader

The Cat® 980K was designed to improve operator comfort, performance, and productivity, all while meeting Tier 4 Interim/Stage IIIB emission standards. The Performance Series Buckets enhance visibility and decrease cycle times. The unmatched, revolutionary world-class cab creates a comfortable, efficient, safe, and productive operator environment. The innovative Cat C13 ACERT™ engine is optimized for maximum fuel efficiency and increased power density while meeting Tier 4 Interim/ Stage IIIB emission standards. The reliability, durability, and versatility of the 980K result in a machine that is better built to meet your needs. All day. Every day.

Performance Series Buckets
With standard Performance Series Buckets, operators benefit from reduced dig times and better material retention; ultimately translating into significant productivity and fuel efficiency improvements.

Load Sensing Hydraulics
Load sensing hydraulics produce flow and pressure for the implement system upon demand and only in amounts necessary to perform the needed work functions, enhancing machine productivity and fuel efficiency.

Operator Environment
The new four post ROPS cab provides enhanced comfort, visibility, and productivity resulting in a more efficient operator.

Cat® C13 ACERT™ Engine
The innovative Cat C13 ACERT engine is optimized for maximum fuel efficiency and increased power density while meeting Tier 4 Interim/Stage IIIB emission standards.

Lockup Torque Converter
The optional lockup torque converter on the 980K significantly enhances productivity and fuel efficiency while performing load and carry applications, especially on grades.

Powershift Transmission
The K Series™ transmissions incorporate a new shifting strategy that delivers smoother shifts, faster acceleration, and increased travel speed when climbing a grade.

Fuel Efficiency
The 980K wheel loaders have been integrated as a system; from the linkage and work tool carrying the payload, to the engine, transmission and torque converter moving the machine, the system has been optimized to achieve the lowest cost per ton.

CAT®

980K Wheel Loader Specifications

Engine

Engine Model	Cat® C13 ACERT™	
Max Gross Power (1,600 rpm) – SAE J1995	303 kW	406 hp
Max Gross Power (1,600 rpm) – SAE J1995 (metric)		412 hp
Max Net Power (1,600 rpm) – ISO 9249	274 kW	369 hp
Max Net Power (1,600 rpm) – ISO 9249 (metric)		373 hp
Max Net Power (1,600 rpm) – SAE J1349	274 kW	369 hp
Max Net Power (1,600 rpm) – SAE J134 (metric)		373 hp
Max Net Power (1,800 rpm) – EEC 80/1269	274 kW	369 hp
Max Net Power (1,800 rpm) – EEC 80/1269 (metric)		373 hp
Peak Gross Torque (1,300 rpm) – SAE J1995	2089 N·m	1,541 ft-lb
Peak Net Torque (1,200 rpm) – SAE J1349	1959 N·m	1,445 ft-lb
Bore	130 mm	5.1 in
Stroke	157 mm	6.2 in
Displacement	12.5 L	762.8 in^3

- Cat engine with ACERT Technology – meets Tier 4 Interim/ Stage IIIB emission standards.

Weights

Operating Weight	31 244 kg	68,862 lb

- For 5.4 m^3 (7.1 yd^3) general purpose buckets with BOCE.

Buckets

Bucket Capacities	4.00 to 12.20 m^3	5.25 to 16.00 yd^3

- Refer to bucket selection chart.

Operating Specifications

Static Tipping Load Full 37° Turn – ISO 14397-1*	19 267 kg	42,464 lb
Static Tipping Load Full 37° Turn – Rigid Tires**	20 484 kg	45,148 lb
Breakout Force	238 kN	53,548 lb

- For 5.4 m^3 (7.1 yd^3) general purpose buckets with BOCE.

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

** Compliance to ISO (2007) 14397-1 Sections 1 thru 5.

Transmission

Standard Torque Converter		
Forward 1	6.8 km/h	4.2 mph
Forward 2	12.1 km/h	7.5 mph
Forward 3	21.5 km/h	13.4 mph
Forward 4	37.8 km/h	23.5 mph
Reverse 1	7.8 km/h	4.8 mph
Reverse 2	13.9 km/h	8.6 mph
Reverse 3	24.5 km/h	15.2 mph
Reverse 4	42.8 km/h	26.6 mph
Lockup Torque Converter		
Forward 1	6.9 km/h	4.3 mph
Forward 2	13 km/h	8.1 mph
Forward 3	23 km/h	14.3 mph
Forward 4	40.7 km/h	25.3 mph
Reverse 1	7.9 km/h	4.9 mph
Reverse 2	14.8 km/h	9.2 mph
Reverse 3	26.1 km/h	16.2 mph
Reverse 4	40.0 km/h	24.9 mph

- Maximum travel speed in standard vehicle with empty bucket and standard L4 tires with 930 mm (37 in) roll radius.

Hydraulic System

Steering System Pump Type	Piston	
Implement System – Maximum Pump Output (2,200 rpm)	460 L/min	121.5 gal/min
Implement System – Maximum Operating Pressure	31 000 kPa	4,496 psi
Implement System – Optional 3rd Function Maximum Flow	300 L/min	79.3 gal/min
Implement System – Optional 3rd Function Maximum Pressure	20 700 kPa	3,000 psi
Hydraulic Cycle Time – Raise from Carry Position	6.4 Seconds	
Hydraulic Cycle Time – Dump, at Maximum Raise	1.7 Seconds	
Hydraulic Cycle Time – Lower, Empty, Float Down	3.3 Seconds	
Hydraulic Cycle Time – Total	11.4 Seconds	

- Cycle time with rated payload.

Brakes

Brakes	Meet OSHA, SAE J1473 OCT90 and ISO 3450-1985 required standards

Axles

Front	Fixed	
Rear	Oscillating ± 13 degrees	
Maximum Single-Wheel Rise and Fall	548 mm	21.6 in

Tires

- Choose from a variety of tires to match your application.
- Choices include:
  29.5R25 VMT BS L3 Radial
  29.5R25 XHA2 MX L3 Radial
  29.5R25 XLDD1 MX L4 Radial
  29.5R25 VSNT BS L4 Radial
  29.5R25 VSDL BS L5 Radial
  29.5R25 XLDD2 MX L5 Radial
  29.5R25 X MINE D2 MX L5 Radial
- NOTE: In certain applications (such as load and carry), the loader's productive capabilities might exceed the tires' tonnes-km/h (ton-mph) capabilities. Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model. Other special tires are available on request.

Cab

ROPS/FOPS	Meets SAE and ISO standards

- Cat cab with a four post integrated Rollover Protective Structure (ROPS) are standard in North America and Europe.
- ROPS meets SAE J1040 APR88 and ISO 3471:1994 criteria.
- Falling Objects Protective Structure (FOPS) meets SAE J231 JAN81 and ISO:1992 Level II criteria.

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.
- The dynamic operator sound pressure level for a standard machine configuration, measured according to the procedures specified in "ISO 6396:2008," is 72 dB(A) with a cooling fan speed set at 70 percent of the maximum value.
- The sound power level that is labeled on the machine is 109 LWA. The measurement of the sound power level was made according to the test procedures and conditions that are specified in the European Union Directive "2000/14/EC" as amended by "2005/88/EC."

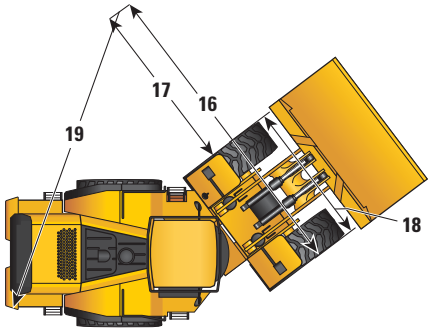
Service Refill Capacities

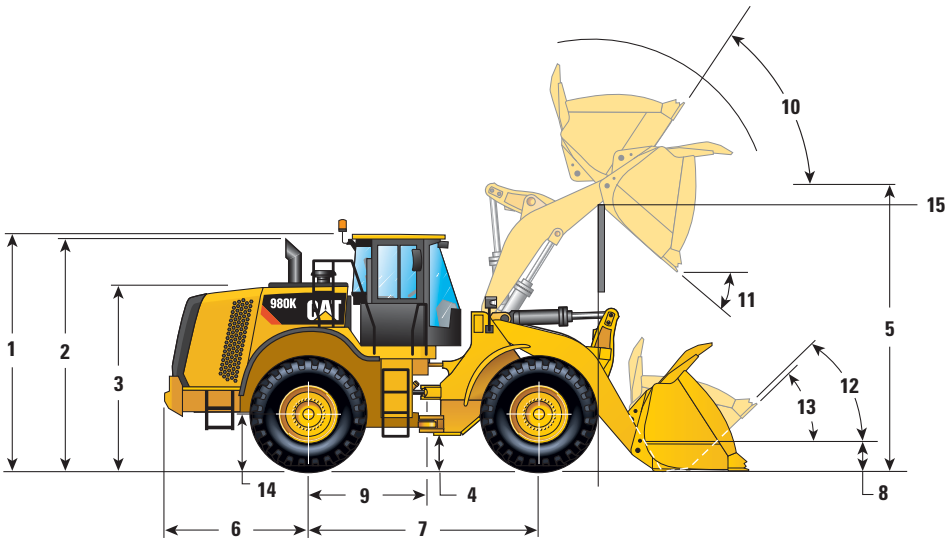
Fuel Tank – Standard	447 L	118.1 gal
Cooling System	63 L	16.6 gal
Crankcase	37 L	9.8 gal
Transmission	66 L	17.4 gal
Differentials and Final Drives – Front	84 L	22.2 gal
Differentials and Final Drives – Rear	84 L	22.2 gal
Hydraulic Tank	170 L	44.9 gal

980K Wheel Loader Specifications

Dimensions

All dimensions are approximate and based on L4 Michelin 29.5R25 XLDD1 Radial tires.





1	Height to Top of Rops	3809 mm	12'6"
2	Height to Top of Exhaust Pipe	3737 mm	12'4"
3	Height to Top of Hood	3109 mm	10'2"
4	Ground Clearance With 29.5R25 (See Tire Option Chart for Other Tires)	460 mm	1'6"
5	B-Pin Height – Standard	4539 mm	14'11"
	B-Pin Height – High-Lift	4760 mm	15'7"
6	Center Line of Rear Axle to Edge of Counterweight	2510 mm	8'2"
7	Wheelbase	3700 mm	12'1"
8	B-Pin Height @ Carry – Standard	673 mm	2'0"
9	Center Line of Rear Axle to Hitch	1850 mm	6'1"
10	Rack Back @ Maximum Lift	61 degrees	
11	Dump Angle @ Maximum Lift	52 degrees	
12	Rack Back @ Carry	49 degrees	
13	Rack Back @ Ground	41 degrees	
14	Height to Center Line of Axle	885 mm	2'11"
15	Lift Arm Clearance	3795 mm	12'6"
	Lift Arm Clearance @ High Lift	4041 mm	13'4"

Turning Radius

All dimensions are approximate and based on L4 Michelin 29.5R25 XLDD1 Radial tires.

16	Clearance Circle to Outside of Tires	7183 mm	23'6"
17	Clearance Circle to Inside of Tires	3875 mm	12'8"
18	Width Over Tires	3307 mm	10'9"
19	Clearance Circle to Outside Edge of Counterweight	7160 mm	23'6"

Operating Specifications

Bucket Type		Rock – Pin On***		Heavy Duty Rock – Pin On***
Edge Type		Teeth and Segments	Teeth and Segments	Teeth and Segments
Capacity – Rated (§)	m^3	4.48	5.66	5.41
	yd^3	5.86	7.40	7.07
Capacity – Struck (§)	m^3	3.43	5.07	4.84
	yd^3	4.48	6.63	6.33
Width (§)	mm	3504	3504	3645
	ft/in	11'5"	11'5"	11'11"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3051	2890	2941
	ft/in	10'0"	9'5"	9'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1788	1979	1965
	ft/in	5'10"	6'5"	6'5"
Reach at Level Lift Arm and Bucket Level (§)	mm	3359	3608	3561
	ft/in	11'0"	11'10"	11'8"
Digging Depth (§)	mm	106	106	77
	in	4.1"	4.1"	3"
Overall Length	mm	9843	10 092	10051
	ft/in	32'4"	33'2"	33'0"
Overall Height with Bucket at Maximum Lift	mm	6204	6378	6378
	ft/in	20'5"	21'0"	21'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	16 093	16 235	16 340
	ft/in	52'10"	53'4"	53'8"
Static Tipping Load, Straight (ISO)*	kg	21 886	20 991	20 690
	lb	48,238	46,265	45,601
Static Tipping Load, Straight (Rigid Tire)*	kg	23 262	22 365	22 070
	lb	51,270	49,292	48,644
Static Tipping Load, Articulated (ISO)*	kg	19 269	18 426	18 090
	lb	42,469	40,611	39,871
Static Tipping Load, Articulated (Rigid Tire)*	kg	20 495	19 654	19 323
	lb	45,172	43,318	42,589
Breakout Force** (§)	kN	221	189	205
	lb	49,824	42,479	46,121
Operating Weight*	kg	32 132	32 478	32 897
	lb	70,819	71,581	72,504

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 29.5R25 XLDD1 L4 Radial tires, full fluids, operator, standard counterweight, standard transmission, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 29.5R25 XLDD2 L5 Radial tires and are configured with side protectors.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

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

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

980K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Pin On					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m^3	5.40	5.40	5.70	5.70	6.00	6.00
	yd^3	7.06	7.06	7.46	7.46	7.85	7.85
Capacity – Struck (§)	m^3	5.00	5.00	4.50	4.50	5.30	5.30
	yd^3	6.54	6.54	5.89	5.89	6.93	6.93
Width (§)	mm	3447	3535	3447	3535	3447	3535
	ft/in	11'3"	11'7"	11'3"	11'7"	11'3"	11'7"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3273	3107	3204	3037	3187	3019
	ft/in	10'8"	10'2"	10'6"	9'11"	10'5"	9'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1556	1693	1604	1738	1625	1760
	ft/in	5'1"	5'6"	5'3"	5'8"	5'4"	5'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	3040	3252	3124	3336	3152	3364
	ft/in	9'11"	10'8"	10'3"	10'11"	10'4"	11'0"
Digging Depth (§)	mm	103	103	103	103	103	103
	in	4"	4"	4"	4"	4"	4"
Overall Length	mm	9509	9750	9593	9834	9621	9862
	ft/in	31'3"	32'0"	31'6"	32'4"	31'7"	32'5"
Overall Height with Bucket at Maximum Lift	mm	6421	6421	6243	6243	6269	6269
	ft/in	21'1"	21'1"	20'6"	20'6"	20'7"	20'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	15 853	16 076	15 898	16 123	15 913	16 138
	ft/in	52'1"	52'9"	52'2"	52'11"	52'3"	53'0"
Static Tipping Load, Straight (ISO)*	kg	21 822	21 637	21 583	21 397	21 444	21 258
	lb	48,096	47,689	47,569	47,161	47,263	46,853
Static Tipping Load, Straight (Rigid Tire)*	kg	23 185	22 999	22 948	22 760	22 811	22 623
	lb	51,101	50,691	50,578	50,165	50,275	49,861
Static Tipping Load, Articulated (ISO)*	kg	19 267	19 082	19 042	18 856	18 907	18 721
	lb	42,464	42,058	41,969	41,560	41,671	41,261
Static Tipping Load, Articulated (Rigid Tire)*	kg	20 484	20 298	20 262	20 074	20 129	19 941
	lb	45,148	44,738	44,658	44,245	44,365	43,951
Breakout Force** (§)	kN	238	235	224	222	220	218
	lb	53,548	52,996	50,542	50,003	49,551	49,016
Operating Weight*	kg	31 244	31 383	31 327	31 466	31 423	31 562
	lb	68,862	69,167	69,045	69,350	69,256	69,561

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 29.5R25 XLDD1 L4 Radial tires, full fluids, operator, standard counterweight, standard transmission, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 29.5R25 XLDD2 L5 Radial tires and are configured with side protectors.

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

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		Heavy Duty General Purpose – Pin On		Material Handling – Pin On	
Edge Type		**Bolt-On Edges**	**Teeth and Segments**	**Bolt-On Edges**	**Teeth and Segments**
Capacity – Rated (§)	m^3	5.70	5.70	5.70	5.70
	yd^3	7.46	7.46	7.46	7.46
Capacity – Struck (§)	m^3	4.50	4.50	5.06	5.06
	yd^3	5.89	5.89	6.62	6.62
Width (§)	mm	3447	3535	3447	3535
	ft/in	11'3"	11'7"	11'3"	11'7"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3204	3037	3105	2928
	ft/in	10'6"	9'11"	10'2"	9'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1604	1738	1519	1641
	ft/in	5'3"	5'8"	4'11"	5'4"
Reach at Level Lift Arm and Bucket Level (§)	mm	3124	3336	3149	3361
	ft/in	10'3"	10'11"	10'4"	11'0"
Digging Depth (§)	mm	103	103	103	103
	in	4"	4"	4"	4"
Overall Length	mm	9593	9834	9618	9859
	ft/in	31'6"	32'4"	31'7"	32'5"
Overall Height with Bucket at Maximum Lift	mm	6243	6243	6242	6242
	ft/in	20'6"	20'6"	20'6"	20'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	15 898	16 123	15 911	16 137
	ft/in	52'2"	52'11"	52'3"	53'0"
Static Tipping Load, Straight (ISO)*	kg	21 425	21 239	21 109	20 926
	lb	47,220	46,812	46,524	46,121
Static Tipping Load, Straight (Rigid Tire)*	kg	22 787	22 600	22 434	22 249
	lb	50,224	49,811	49,445	49,037
Static Tipping Load, Articulated (ISO)*	kg	18 883	18 698	18 611	18 427
	lb	41,620	41,211	41,018	40,615
Static Tipping Load, Articulated (Rigid Tire)*	kg	20 101	19 914	19 795	19 610
	lb	44,304	43,891	43,628	43,221
Breakout Force** (§)	kN	224	221	221	218
	lb	50,415	49,875	49,662	49,126
Operating Weight*	kg	31 473	31 612	31 452	31 591
	lb	69,367	69,672	69,320	69,625

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 29.5R25 XLDD1 L4 Radial tires, full fluids, operator, standard counterweight, standard transmission, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 29.5R25 XLDD2 L5 Radial tires and are configured with side protectors.

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980K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling with Backgrading Edge – Pin On	Light Material – Pin On	High Lift Change in Specs	Auxiliary Counterweight Change in Specs
Edge Type		**Teeth**	**Bolt-On Edges**		
Capacity – Rated (§)	m^3	5.59	8.20		
	yd^3	7.31	10.73		
Capacity – Struck (§)	m^3	4.98	6.47		
	yd^3	6.51	8.46		
Width (§)	mm	3580	3638		
	ft/in	11'8"	11'11"		
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3201	2917	220	
	ft/in	10'6"	9'6"	8"	
Reach at Maximum Lift and 45° Discharge (§)	mm	1464	1700		
	ft/in	4'9"	5'6"		
Reach at Level Lift Arm and Bucket Level (§)	mm	3043	3411	160	
	ft/in	9'11"	11'2"	6"	
Digging Depth (§)	mm	74	108		
	in	2.9"	4.2"		
Overall Length	mm	9488	9883	201	
	ft/in	31'2"	32'6"	8"	
Overall Height with Bucket at Maximum Lift	mm	6486	6536	221	
	ft/in	21'4"	21'6"	9"	
Loader Clearance Circle with Bucket at Carry Position (§)	mm	15 954	16 234	175	
	ft/in	52'5"	53'4"	7"	
Static Tipping Load, Straight (ISO)*	kg	20 420	20 819	–1831	1437
	lb	45,005	45,887	–4,036	3,167
Static Tipping Load, Straight (Rigid Tire)*	kg	21 744	22 238	–2026	1546
	lb	47,925	49,012	–4,467	3,408
Static Tipping Load, Articulated (ISO)*	kg	17 901	18 293	–1656	1227
	lb	39,453	40,318	–3,651	2,704
Static Tipping Load, Articulated (Rigid Tire)*	kg	19 082	19 567	–1836	1342
	lb	42,058	43,125	–4,048	2,958
Breakout Force** (§)	kN	234	186	3	
	lb	52,573	41,956	813	
Operating Weight*	kg	32 263	31 831	115	693
	lb	71,108	70,156	253	1,528

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 29.5R25 XLDD1 L4 Radial tires, full fluids, operator, standard counterweight, standard transmission, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 29.5R25 XLDD2 L5 Radial tires and are configured with side protectors.

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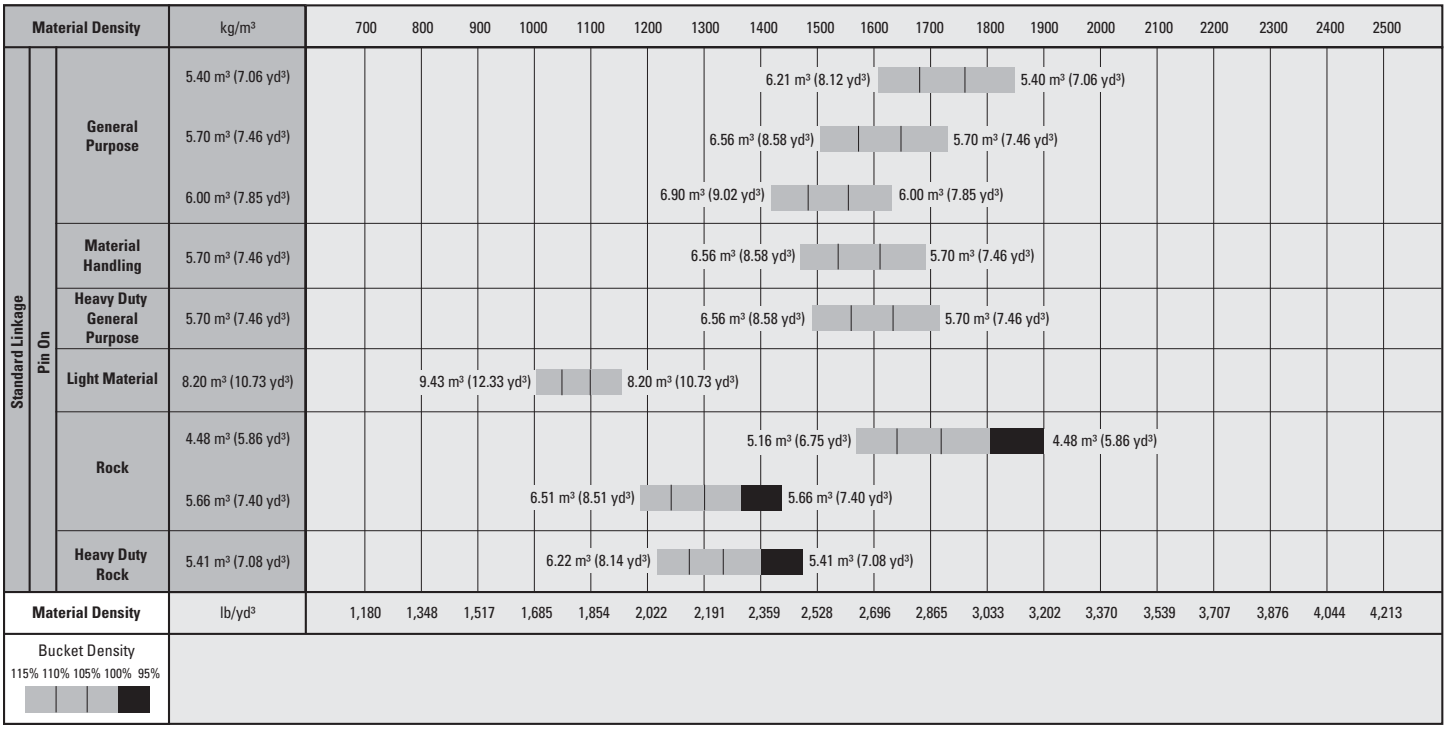
(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Bucket Selection Chart



All buckets are showing Bolt-On Edges.
Material Handling buckets are flat floor buckets.

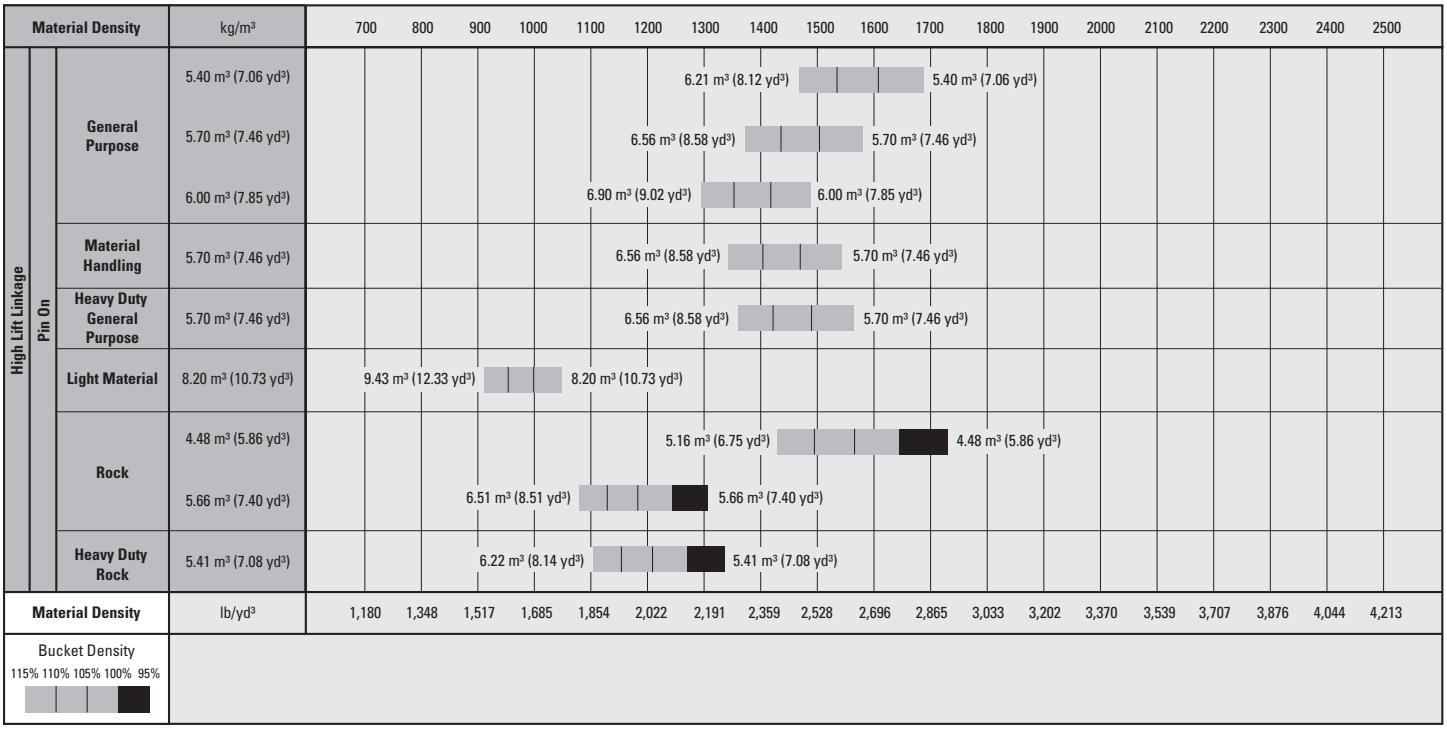
Bucket Fill Factors

(as a % of ISO Rated Capacity)

Loose Material		Performance Series Bucket
Earth/Clay		115
Sand and Gravel		115
Aggregate:	25-76 mm (1 to 3 in)	110
	19 mm (0.75 in) and smaller	105
Rock		100

980K Wheel Loader Specifications

Bucket Selection Chart



All buckets are showing Bolt-On Edges.
Material Handling buckets are flat floor buckets.

Bucket Fill Factors

(as a % of ISO Rated Capacity)

Loose Material		Performance Series Bucket
Earth/Clay		115
Sand and Gravel		115
Aggregate:	25-76 mm (1 to 3 in)	110
	19 mm (0.75 in) and smaller	105
Rock		100

Standard Equipment

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

POWER TRAIN
- Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS)
- Brake wear indicators
- Diesel Particulate Filter (DPF)
- Engine, Cat C13 that meets Tier 4 Interim/ Stage IIIB emission standards
- Fast fuel system ready
- Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand
- Fuel Management System (FMS)
- Fuel priming pump (electric)
- Fuel/water separator
- Guard, vandalism
- Power train guard
- Precleaner, engine air intake
- Radiator, unit core (6 fpi) with ATAAC
- Secondary Steering
- Switch, transmission neutralizer lockout
- Torque converter (free wheel stator)
- Transmission, automatic planetary power shift (4F/4R)
- Variable Shift Control (VSC)

ELECTRICAL
- Alarm, back-up
- Alternator, 150-amp brushless
- Batteries, (4) maintenance free 1,000 CCA
- Ignition key; start/stop switch
- Lighting system:
  - Four halogen work lights
  - Two halogen roading lights (with signals)
  - Two halogen rear vision lights (hood mounted)
- Lights, signal LED Rear
- Main disconnect switch
- Receptacle start (cables not included)
- Starter, electric, heavy duty
- Starting and charging system (24-volt)

OPERATOR ENVIRONMENT
- Air conditioner, heater, and defroster (auto temp and fan)
- Beverage holders (2) with storage compartment for cell phone/MP3 player
- Bucket/Work tool function lockout
- Cab, pressurized and sound suppressed, (ROPS/FOPS) radio ready (entertainment) includes antenna, speakers and converter (12-volt 10-amp)
- Camera, rearview
- Coat hook (2)
- EH controls, lift and tilt function
- EH parking brake
- Computerized Monitoring System
- Instrumentation, gauges:
  - Digital gear range indicator
  - DPF soot loading percent
  - Engine coolant temperature
  - Fuel level
  - Hydraulic oil temperature
  - Speedometer/tachometer
  - Transmission oil temperature
- Instrumentation, warning indicators:
  - Axle oil temperature
  - Battery voltage hi/low
  - Engine air filter restriction
  - Engine intake manifold temperature
  - Engine oil pressure
  - Fuel level and pressure hi/low
  - Hydraulic oil filter restriction
  - Hydraulic oil low
  - Parking brake
  - Primary steering oil pressure
  - Service brake oil pressure
  - Transmission filter bypass
- Horn, electric
- Light, two dome (cab)
- Mirrors, rearview external (includes spot mirrors)
- Post mounted membrane switch keypads
- Receptacle, 12-Volt (3)
- Seat, Cat Comfort (cloth) air suspension
- Seat belt, retractable, 51 mm (2") wide
- Steering, EH joystick, speed sensing with force feedback
- Sun visor, front
- Wet-arm wipers/washers (front and rear)
  - Intermittent front wiper
- Window, sliding (left and right side)
- Viscous mounts

TIRES
- A tire must be selected from the mandatory attachments section. Base machine price includes a tire allowance

FLUIDS
- Premixed 50% concentration of Extended Life Coolant with freeze protection to –34° C (–29° F)

OTHER STANDARD EQUIPMENT
- Auto idle shutdown
- Couplings, Cat O-ring face seals
- Ecology drains for engine, transmission, axles, and hydraulics
- Ether aid
- Fenders, steel front with mud-flap/rear with extension
- Filters:
  - Fuel, primary/secondary
  - Engine air, primary/secondary
  - Engine oil
  - Hydraulic oil
  - Transmission
- Fuel cooler
- Grease zerks
- Grill, airborne debris
- Guard, crankcase
- Hitch, drawbar with pin
- Hood, non-metallic power tilting with rear clamshell
- Hoses, Cat XT
- Hydraulic oil cooler (swing out)
- Hydraulic system, load sensing
- Kickout, lift and tilt, automatic (adjustable in cab)
- Linkage, Z-bar, cast crosstube/tilt lever
- Oil sampling valves
- Platform, window washing
- Product Link
- Remote diagnostic pressure taps
- Ride control, 2V
- Service center (electrical and hydraulic)
- Sight gauges: engine coolant, hydraulic oil, and transmission oil level
- Steering, load sensing
- Toolbox
- Trap seals
- Vandalism protection caplocks

980K Wheel Loader

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

Power Train
- – Differentials
  - – Open, front or rear
  - – Limited slip, front or rear
- – Extreme temperature seals
- – Seal guards
- – Axle oil cooler
- – Axle oil cooler ready

Hydraulics arrangement, 3V
Standard transmission with lockup torque converter
Heavy duty transmission
Heavy duty transmission with lockup torque converter
Cold start/high altitude package (240V)
Comfort package
Work lighting package, halogen
Work lighting package, HID
Aggregate loader package
Forestry package
Industrial package
Cab protection package
Steel mill package
High lift, 2 valve
High lift, 3 valve
Quick coupler (contact Cat Work Tools)
Bucket and work tool options (contact Cat Work Tools)
Lights, Signal LED Front
Product Link, satellite
Control, aggregate autodig
Joystick, 2 valve
Joystick, 3 valve
Payload control system
Radio, AM/FM CD/MP3 player
Radio, AM/FM CD/MP3 player (Bluetooth)
Filter, carbon fresh air
RESPA air filtration
Sun visor, rear
Security system, machine
Cooling, high ambient
Guard, front window
Guard, complete cab
Guard, front window (Logger)
Autolube
Fenders, roading with fender extensions front/rear
Precleaner, HVAC
Precleaner, turbine
Precleaner, turbine/trash
Oil change system, high speed
Fan, variable pitch
Antifreeze, –50° C (–58° F)
EH steering wheel (availability TBD)
Retractable, 18-degree inclined ladder

Materials and specifications are subject to change without notice.

Featured machines in photos may include additional equipment.

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

Product ID: 980K

AEHQ6412
(Europe and Countries Applying EU Emissions Regulations)

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