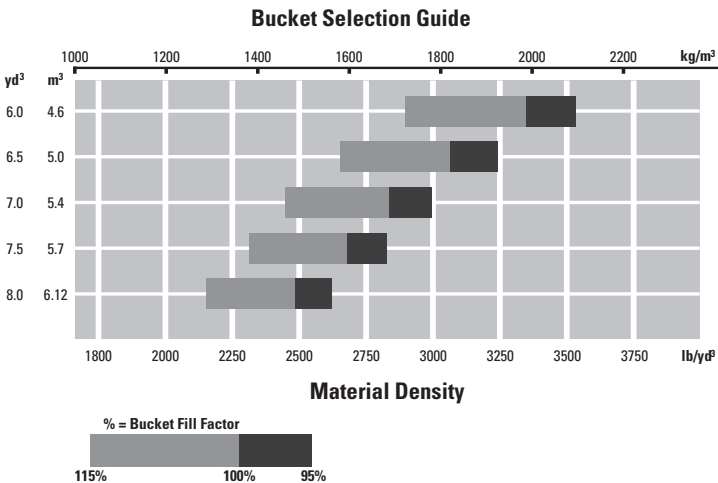


980H Wheel Loader

Operating Specifications

		Standard Machine with General Purpose Buckets						
		Teeth	Teeth and Segments	Bolt-On Edges	Flushmounted Teeth with Tips	Teeth	Teeth and Segments	Bolt-On Edges
Rated bucket capacity (§)	m³	4.2	4.5	4.6	5.4	4.7	4.9	5.0
	yd³	5.5	5.75	6.0	7.0	6.0	6.25	6.5
Struck capacity (§)	m³	3.66	3.81	3.87	4.61	4.03	4.19	4.25
	yd³	4.78	4.98	5.06	6.03	5.27	5.48	5.56
Width (§)	mm	3533	3533	3447	3513	3533	3533	3447
	ft/in	11'7"	11'7"	11'4"	11'6"	11'7"	11'7"	11'4"
Dump clearance at full lift and 45° discharge (§)	mm	3305	3305	3458	3138	3229	3229	3385
	ft/in	10'10"	10'10"	11'4"	10'4"	10'7"	10'7"	11'1"
Reach at full lift and 45° discharge (§)	mm	1554	1554	1407	1739	1601	1601	1457
	ft/in	5'1"	5'1"	4'7"	5'8"	5'3"	5'3"	4'9"
Reach with lift arm horizontal and bucket level (§)	mm	3000	3000	2790	3260	3090	3090	2880
	ft/in	9'10"	9'10"	9'2"	10'8"	10'2"	10'2"	9'5"
Digging depth (§)	mm	90	125	125	91	90	125	125
	in	3.5	4.9	4.9	3.6	3.5	4.9	4.9
Overall length (§)	mm	9480	9480	9248	9700	9570	9570	9338
	ft/in	31'1"	31'1"	30'4"	31'10"	31'5"	31'5"	30'8"
Overall height with bucket at full raise (§)	mm	6141	6141	6141	6216	6217	6217	6217
	ft/in	20'2"	20'2"	20'2"	20'5"	20'5"	20'5"	20'5"
Loader clearance circle with bucket in carry position (§)	mm	15 925	15 925	15 716	16 006	15 972	15 972	15 762
	ft/in	52'3"	52'3"	51'7"	52'6"	52'5"	52'5"	51'9"
Static tipping load straight*	kg	22 767	22 310	22 341	22 174	22 417	22 063	22 093
	lb	50,201	49,194	49,262	48,894	49,429	48,649	48,715
Static tipping load full 37° turn	kg	20 380	20 034	20 069	19 742	20 439	19 801	19 836
	lb	44,938	44,175	44,252	43,531	45,068	43,661	43,738
Breakout force** (§)	kN	273	251	252	227	252	233	234
	lb	61,425	56,475	56,700	51,075	56,700	52,425	52,650
Operating weight* (§)	kg	30 156	30 334	30 261	30 351	30 253	30 432	30 359
	lb	66,494	66,886	66,726	66,924	66,708	67,103	66,942

- * Static tipping loads and operating weights shown are based on standard machine configuration with 29.5R25, L-3 Michelin tires, full fuel tank, coolant, lubricants and operator.
- ** Measured 102 mm (4.0 in) behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.
- (§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standards J732C governing loader ratings.



980H Wheel Loader

		Standard Machine with General Purpose Buckets								
		Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Bolt-On Edges
Rated bucket capacity (§)	m³	5.0	5.3	5.4	5.4	5.6	5.7	5.73	6.0	6.12
	yd³	6.5	6.75	7.0	7.0	7.25	7.5	7.5	7.75	8.0
Struck capacity (§)	m³	4.38	4.55	4.61	4.68	4.85	4.92	4.85	5.1	5.2
	yd³	5.73	5.95	6.03	6.12	6.34	6.44	6.34	6.67	6.8
Width (§)	mm	3533	3533	3447	3533	3533	3447	3533	3533	3447
	ft/in	11'7"	11'7"	11'4"	11'7"	11'7"	11'4"	11'7"	11'7"	11'4"
Dump clearance at full lift and 45° discharge (§)	mm	3165	3165	3322	3124	3124	3272	3075	3075	3238
	ft/in	10'5"	10'5"	10'11"	10'3"	10'3"	10'9"	10'1"	10'1"	10'7"
Reach at full lift and 45° discharge (§)	mm	1647	1647	1505	1675	1675	1534	1729	1729	1594
	ft/in	5'5"	5'5"	4'11"	5'6"	5'6"	5'0"	5'8"	5'8"	5'3"
Reach with lift arm horizontal and bucket level (§)	mm	3170	3170	2960	3220	3220	3010	3292	3292	3083
	ft/in	10'5"	10'5"	9'9"	10'7"	10'7"	9'11"	10'10"	10'10"	10'1"
Digging depth (§)	mm	90	125	125	90	125	125	99	125	125
	in	3.5	4.9	4.9	3.5	4.9	4.9	3.9	4.9	4.9
Overall length (§)	mm	9650	9650	9418	9700	9700	9468	9778	9778	9540
	ft/in	31'8"	31'8"	30'11"	31'10"	31'10"	31'1"	32'1"	32'1"	31'4"
Overall height with bucket at full raise (§)	mm	6287	6287	6287	6360	6360	6360	6451	6451	6451
	ft/in	20'8"	20'8"	20'8"	20'10"	20'10"	20'10"	21'2"	21'2"	21'2"
Loader clearance circle with bucket in carry position (§)	mm	16 015	16 015	15 803	16 041	16 041	15 829	16 087	16 087	15 868
	ft/in	52'7"	52'7"	51'10"	52'8"	52'8"	51'11"	52'9"	52'9"	52'1"
Static tipping load straight*	kg	22 201	21 848	21 880	22 052	21 711	21 735	23 328	22 939	22 971
	lb	48,953	48,175	48,245	48,625	47,873	47,926	51,438	50,581	50,651
Static tipping load full 37° turn	kg	19 933	19 598	19 634	19 952	19 467	19 496	20 860	20 493	20 532
	lb	43,952	43,214	43,293	43,994	42,925	42,989	45,996	45,187	45,273
Breakout force** (§)	kN	236	219	220	227	211	212	213	198	199
	lb	53,100	49,275	49,500	51,075	47,475	47,700	47,925	44,550	44,775
Operating weight* (§)	kg	30 343	30 522	30 448	30 415	30 593	30 519	31 287	31 462	31 370
	lb	66,906	67,301	67,138	67,065	67,458	67,294	68,988	69,374	69,171

980H Wheel Loader

Operating Specifications

		Heavy Duty General Purpose			Material Handling			Rock Bucket		
		Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Teeth and Segments
Rated bucket capacity (§)	m³	5.4	5.6	5.7	5.5	5.7	5.9	4.2	4.5	4.5
	yd³	7.0	7.25	7.5	7.25	7.5	7.75	5.49	5.89	5.89
Struck capacity (§)	m³	4.68	4.85	4.92	4.7	4.8	5.0	3.53	3.73	3.73
	yd³	6.12	6.34	6.44	6.15	6.28	6.54	4.61	4.88	4.88
Width (§)	mm	3533	3533	3447	3533	3533	3447	3504	3504	3504
	ft/in	11'7"	11'7"	11'4"	11'7"	11'7"	11'4"	11'6"	11'6"	11'6"
Dump clearance at full lift and 45° discharge (§)	mm	3142	3142	3296	2943	2943	3110	3183	3183	3184
	ft/in	10'4"	10'4"	10'10"	9'8"	9'8"	10'2"	10'5"	10'5"	10'5"
Reach at full lift and 45° discharge (§)	mm	1693	1693	1547	1610	1610	1478	1792	1792	1792
	ft/in	5'7"	5'7"	5'1"	5'3"	5'3"	4'10"	5'11"	5'11"	5'11"
Reach with lift arm horizontal and bucket level (§)	mm	3220	3220	3009	3320	3320	3109	3258	3258	3258
	ft/in	10'7"	10'7"	9'10"	10'11"	10'11"	10'2"	10'8"	10'8"	10'8"
Digging depth (§)	mm	78	118	118	111	191	151	90	125	125
	in	3.1	4.6	4.6	4.4	7.5	5.9	3.5	4.9	4.9
Overall length (§)	mm	9691	9691	9461	9816	9816	9586	9725	9725	9725
	ft/in	31'10"	31'10"	31'0"	32'2"	32'2"	31'5"	31'11"	31'11"	31'11"
Overall height with bucket at full raise (§)	mm	6287	6287	6287	6382	6382	6382	6383	6383	6383
	ft/in	20'8"	20'8"	20'8"	20'11"	20'11"	20'11"	20'11"	20'11"	20'11"
Loader clearance circle with bucket in carry position (§)	mm	16 033	16 033	15 823	16 111	16 111	15 901	16 023	16 023	16 023
	ft/in	52'7"	52'7"	51'11"	52'10"	52'10"	52'2"	52'7"	52'7"	52'7"
Static tipping load straight*	kg	21 299	20 951	21 098	20 960	20 612	20 648	21 939	21 345	21 602
	lb	46,964	46,197	46,521	46,217	45,449	45,529	48,375	47,066	47,632
Static tipping load full 37° turn	kg	19 031	18 700	18 852	18 733	18 416	18 458	19 669	19 094	19 332
	lb	41,963	41,234	41,569	41,306	40,607	40,700	43,370	42,102	42,627
Breakout force** (§)	kN	225	209	210	207	182	194	223	205	205
	lb	50,625	47,025	47,250	46,575	40,950	43,650	50,175	46,125	46,125
Operating weight* (§)	kg	31 154	31 330	31 148	30 868	31 044	30 953	30 494	30 776	30 745
	lb	68,695	69,083	68,681	68,064	68,452	68,251	67,239	67,861	67,793

* Static tipping loads and operating weights shown are based on standard machine configuration with 29.5R25, L-3 Michelin tires, full fuel tank, coolant, lubricants and operator.

** Measured 102 mm (4.0 in) behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

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

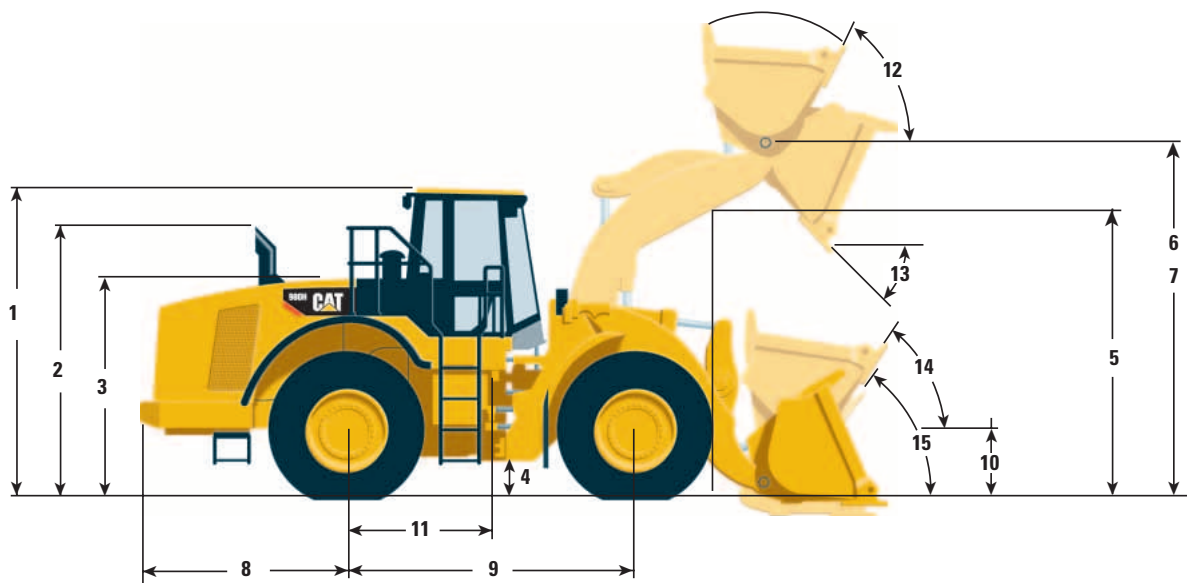
980H Wheel Loader

		Rock Bucket – Spade		HD Quarry	Waste	Coal	High Lift Change in Specs
		Bolt-On Edges	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Bolt-On Edges	
Rated bucket capacity (§)	m³	4.5	4.8	4.5	9.75	8.0	—
	yd³	5.89	6.28	5.89	12.75	10.46	
Struck capacity (§)	m³	3.7	4.0	3.79	9.4	7.2	—
	yd³	4.84	5.23	4.96	12.29	9.42	
Width (§)	mm	3516	3670	3500	3886	3607	—
	ft/in	11'6"	12'0"	11'6"	12'9"	11'10"	
Dump clearance at full lift and 45° discharge (§)	mm	3351	3719	3167	2903	2933	221
	ft/in	11'0"	12'2"	10'5"	9'6"	9'7"	9"
Reach at full lift and 45° discharge (§)	mm	1591	1994	1821	1686	1662	2.8
	ft/in	5'3"	6'7"	6'0"	5'6"	5'5"	0.1"
Reach with lift arm horizontal and bucket level (§)	mm	2997	3097	3291	3402	3364	160
	ft/in	9'10"	10'2"	10'10"	11'2"	11'0"	6"
Digging depth (§)	mm	125	385	117	151	146	(2)
	in	4.9	15.2	4.6	5.9	5.7	(0.08)
Overall length (§)	mm	9455	9035	9755	9879	9837	199
	ft/in	31'0"	29'8"	32'0"	32'5"	32'3"	8"
Overall height with bucket at full raise (§)	mm	6377	6377	6383	6994	6526	221
	ft/in	20'11"	20'11"	20'11"	22'11"	21'5"	9"
Loader clearance circle with bucket in carry position (§)	mm	15 886	15 678	16 034	16 458	16 180	168
	ft/in	52'1"	51'5"	52'7"	54'0"	53'1"	7"
Static tipping load straight*	kg	22 015	21 349	20 658	20 805	20 574	(1774)
	lb	48,543	47,075	45,551	45,875	45,366	(3912)
Static tipping load full 37° turn	kg	19 728	19 094	18 413	18 516	18 398	(1620)
	lb	43,500	42,102	40,601	40,828	40,568	(3572)
Breakout force** (§)	kN	213	194	203	160	163	3.5
	lb	47,925	43,650	45,675	36,000	36,675	787.5
Operating weight* (§)	kg	30 565	30 830	31 389	31 599	30 975	129
	lb	67,396	67,980	69,213	69,676	68,300	284

980H Wheel Loader

Dimensions

All dimensions are approximate.



1	Height to top of ROPS	3765 mm	12'4"
2	Height to top of exhaust pipe	3716 mm	12'2"
3	Height to top of hood	2716 mm	8'11"
4	Ground clearance with 29.5R25 L-3 Michelin (see Tire Options chart for other tires)	442 mm	1'5"
5	Lift arm clearance @ maximum lift	3764 mm	12'4"
6	B-Pin height	4505 mm	14'9"
7	Optional lift height	4726 mm	15'6"

8	Center line of rear axle to edge of counterweight	2493 mm	8'2"
9	Wheelbase	3700 mm	12'2"
10	Height to center line of axle	867 mm	2'10"
11	Center line of rear axle to hitch	1850 mm	6'1"
12	Rack back @ maximum lift	61°	
13	Dump angle @ maximum lift	47°	
14	Rack back @ carry	49°	
15	Rack back @ ground	41°	

Tread width for 29.5-25 is 2440 mm (8'0")

Tires	Width over tires		Ground clearance		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	inches	mm	inches	mm	inches	kg	lb	kg	lb
29.5R25, (L-3 STL2+), Continental	3264	128.5	452	17.8	10	0.4	71	156.6	509	1,122.3
29.5R25, (L-3 STL3), Continental	3264	128.5	450	17.7	8	0.3	-16	-35.3	441	972.4
29.5R25, (L-3 VMT), Bridgestone	3211	126.4	469	18.5	27	1.1	93	205.1	-43	94.8
29.5R25, (L-3 VSDL), Bridgestone	3202	126.1	479	18.9	37	1.5	1311	2,890.8	1245	2,745.2
29.5-25, (L-4), Firestone	3194	125.7	481	18.9	39	1.5	75	165.4	-460	-1,014.3
29.5-25, (L-5), Firestone	3197	125.9	488	19.2	46	1.8	613	1,351.7	859	1,894.1
29.5R25, (L-2/L-3), Goodyear	3269	128.7	463	18.2	21	0.8	-91	-200.7	129	284.4
29.5-25, (L-3), Goodyear	3253	128.1	444	17.5	2	0.0	-297	-654.9	-206	454.2
29.5-25, (L-3), Goodyear	3253	128.1	402	15.8	-40	-1.6	Data not available			
29.5-25, (L-4), Goodyear	3284	129.3	483	19.0	41	1.6	330	727.7	411	906.3
29.5-25, (L-5), Goodyear	3266	128.6	488	19.2	46	1.8	942	2,077.1	943	2,079.3
29.5R25, (L-3), Michelin	3227	127.0	442	17.4	0	0.0	0	0	0	0
29.5R25, (L-5), Michelin	3212	126.5	458	18.0	16	0.0	836	1,843.4	587	1,294.3
29.5R25, (L-5), Michelin	3231	127.2	467	18.4	25	1.0	1318	2,906.2	1058	2,332.9