

992K Wheel Loader

992K – Standard		Up to specified density for 100% fill factor	
Bucket Volume		Material Density	
m ³	yd ³	kg/m ³	lb/yd ³
12.2	16	1780	3,000
11.5	15	1890	3,200
10.7	14	2030	3,430

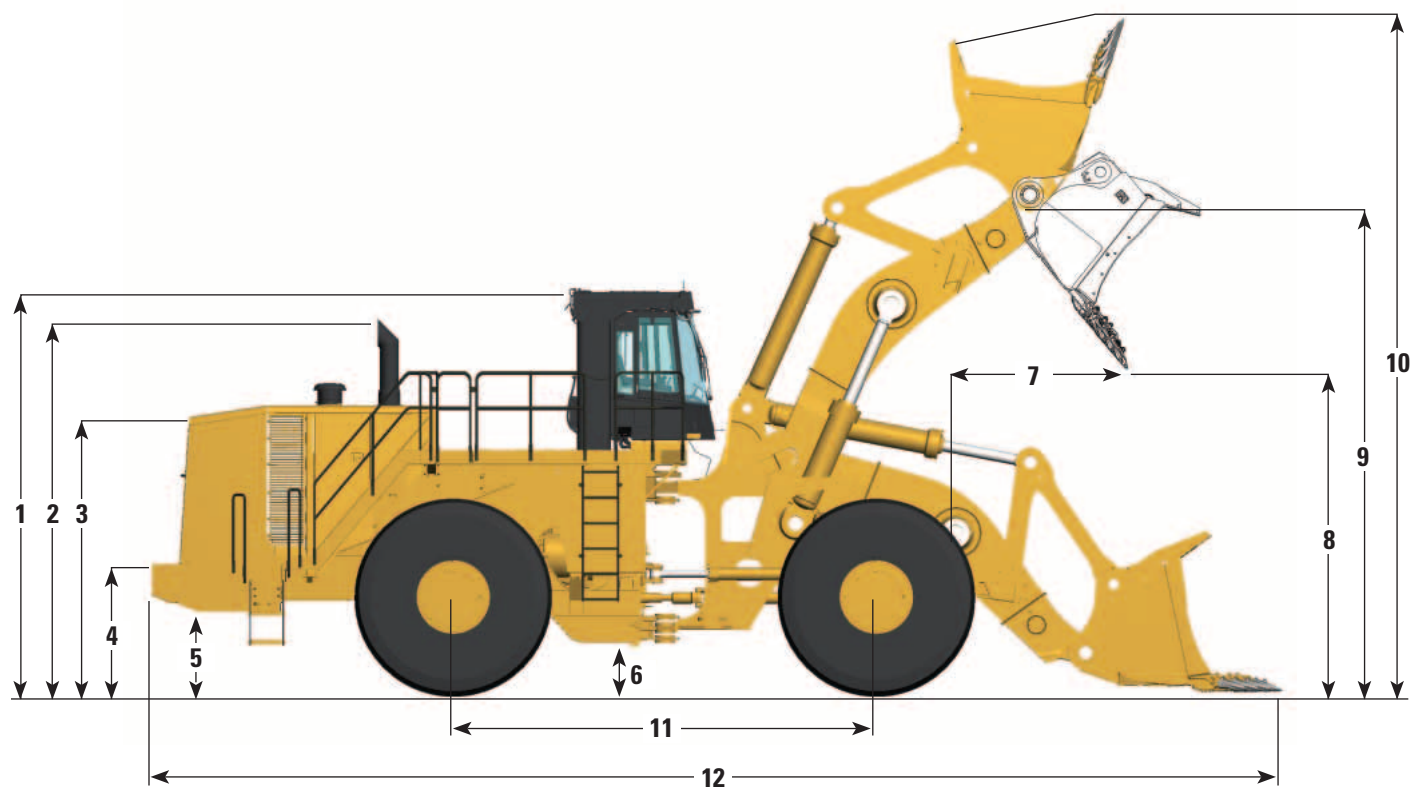
992K – High Lift		Up to specified density for 100% fill factor	
Bucket Volume		Material Density	
m ³	yd ³	kg/m ³	lb/yd ³
12.2	16	1560	2,630
11.5	15	1660	2,800
10.7	14	1780	3,000

992K Dump Clearance	Std	HL
12.8 m (14 yd) with teeth @ 45	4622 mm (15'2")	5232 mm (17'2")
13.7 m (15 yd) with teeth @ 45	4546 mm (14'11")	5156 mm (16'11")
14.6 m (16 yd) with teeth @ 45	4495 mm (14'9")	5105 mm (16'9")

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Dimensions

All dimensions are approximate.



	992K* Standard Lift 45/65-45 58		992K High Lift*** 45/65-45 58	
1 Height to top of ROPS	5678 mm	18'7"	5678 mm	18'7"
2 Height to top of stack	5248 mm	17'2"	5248 mm	17'2"
3 Height to top of hood	4043 mm	13'4"	4043 mm	13'4"
4 Height to top of bumper	1830 mm	6'0"	1830 mm	6'0"
5 Bumper clearance	1176 mm	3'11"	1176 mm	3'11"
6 Ground clearance**	682 mm	2'2"	682 mm	2'2"
7 Reach at 50° (Std) 45° (HL) dump (tooth tip)	2118 mm	6'11"	2092 mm	6'9"
8 Clearance at 50° (Std) 45° dump (HL) dump (tooth tip)	4480 mm	14'8"	4574 mm	15'1"
9 Bucket pin height at full lift	6927 mm	22'8"	7544 mm	24'7"
10 Maximum overall height – bucket raised	9313 mm	30'6"	10 109 mm	33'1"
11 Wheel base	5890 mm	19'4"	5890 mm	19'4"
12 Maximum overall length	15 736 mm	52'0"	16 095 mm	52'8"

*Dimensions are based on the 45/65-45 58 Tire (Free State).

**Measured to lowest point in hitch area.

***High Lift clearances are for High Abrasion Rock Bucket.

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Operation/Bucket Specifications – Standard Lift

Bucket Type		Rock	Rock	Rock	Rock	Rock	Rock	Rock
Ground Engaging Tools		Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments
Cutting Edge Type		Spade	Spade	Spade	Spade	Spade	Spade	Spade
Bucket Part No. (Group Level)		305-5790	305-5720	294-8980	307-9440	307-9430	294-9010	307-9450
Heaped capacity (§)	m³	10.7	11.5	12.3	10.7	11.5	10.7	10.7
	yd³	(14)	(15)	(16)	(14)	(15)	(14)	(14)
Struck capacity (§)	m³	8.9	9.5	10.2	8.9	9.5	8.9	8.9
	yd³	(11.6)	(12.4)	(13.3)	(11.6)	(12.4)	(11.6)	(11.6)
Width (§)	mm	4824	4884	4824	5068	4824	5165	5068
	(ft/in)	(15'10")	(16'0")	(15'10")	(16'7")	(15'10")	(16'11")	(16'7")
Dump Clearance at Full Lift SAE 45° discharge – with tips (§)	mm	4607	4548	4495	4612	4545	4699	4699
	(ft/in)	(15'1")	(14'11")	(14'8")	(15'1")	(14'11")	(15'5")	(15'5")
Reach at Full Lift SAE 45° discharge – with tips (§)	mm	2326	2378	2427	2322	2385	2292	2292
	(ft/in)	(7'7")	(7'10")	(8'0")	(7'7")	(7'10")	(7'6")	(7'6")
Reach with lift arms horizontal and bucket level	mm	5114	5193	5265	5108	5200	5025	5025
	(ft/in)	(16'10")	(17'0")	(17'4")	(16'10")	(17'1")	(16'6")	(16'6")
Digging depth (segment) (§)	mm	196	201	201	196	198	175	175
	(in)	(7.7)	(7.9)	(7.9)	(7.7)	(7.8)	(6.9)	(6.9)
Overall length – bucket level ground (§)	mm	15 729	15 818	15 890	15 736	15 823	15 632	15 632
	(ft/in)	(51'7")	(51'11")	(52'1")	(51'7")	(51'11")	(51'4")	(51'4")
Overall height with bucket at full raise (§)	mm	9313	9313	9492	9313	9313	9392	9313
	(ft/in)	(30'7")	(30'7")	(31'1")	(30'7")	(30'7")	(30'10")	(30'7")
Loader clearance circle with bucket in carry position (§)	mm	11 097	11 121	11 131	11 096	11 122	11 085	11 085
	(ft/in)	(36'5")	(36'6")	(36'6")	(36'5")	(36'6")	(36'5")	(36'5")
Static tipping load straight (§)	kg	57 096	56 402	56 093	55 615	56 662	53 564	55 194
	(lb)	(125,896)	(124,366)	(123,684)	(122,631)	(124,939)	(118,109)	(121,702)
Static tipping load at full 43° turn (§) †	kg	48 527	47 863	47 544	47 047	48 123	44 996	46 625
	(lb)	(107,003)	(105,537)	(104,835)	(103,738)	(106,110)	(99,216)	(102,809)
Static tipping load – tire deflection at full 43° turn (§) †	kg	45 201	44 546	44 185	43 735	44 803	41 681	43 316
	(lb)	(99,651)	(98,207)	(97,411)	(96,419)	(98,773)	(91,890)	(95,495)
Static tipping load at full 40° turn (§) †	kg	49 634	48 965	48 648	48 153	49 225	46 102	47 732
	(lb)	(109,443)	(107,968)	(107,269)	(106,177)	(108,542)	(101,655)	(105,249)
Static tipping load – tire deflection at full 40° turn (§) †	kg	46 440	45 780	45 422	44 972	46 037	42 919	44 554
	(lb)	(102,382)	(100,927)	(100,138)	(99,146)	(101,494)	(94,620)	(98,224)
Static tipping load at full 35° turn (§) †	kg	51 328	50 653	50 338	49 847	50 913	47 796	49 426
	(lb)	(113,178)	(111,691)	(110,995)	(109,912)	(112,264)	(105,390)	(108,984)
Static tipping load – tire deflection at full 35° turn (§) †	kg	48 361	47 695	47 341	46 893	47 953	44 839	46 474
	(lb)	(106,617)	(105,149)	(104,369)	(103,381)	(105,718)	(98,853)	(102,457)
Breakout force (§) †	kg	58 466	55 998	54 249	57 842	56 147	59 381	60 218
	(lb)	(128,917)	(123,475)	(119,619)	(127,541)	(123,803)	(130,935)	(132,781)
Operating weight (§) †	kg	97 295	97 688	98 068	98 674	97 469	100 844	99 050
	(lb)	(214,535)	(215,402)	(216,240)	(217,576)	(214,919)	(222,361)	(218,405)

(§) Specifications and ratings conform to all applicable standards recommended by the Society for Automotive Engineers. SAE Standards J732C govern loader ratings and are denoted in the text by (§).

† Static tipping load and operating weight shown are based on standard machine configurations with a full fuel tank, coolant, lubricants, and operator.

992K Wheel Loader

Operation/Bucket Specifications – High Lift

Bucket Type		Rock	Rock	Rock	Rock	Rock	Rock	Rock
Ground Engaging Tools		Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments	Teeth & Segments
Cutting Edge Type		Spade	Spade	Spade	Spade	Spade	Spade	Spade
Bucket Part No. (Group Level)		305-5790	305-5720	294-8980	307-9440	307-9430	294-9010	307-9450
Heaped capacity (§)	m³	10.7	11.5	12.3	10.7	11.5	10.7	10.7
	yd³	(14)	(15)	(16)	(14)	(15)	(14)	(14)
Struck capacity (§)	m³	8.9	9.5	10.2	8.9	9.5	8.9	8.9
	yd³	(11.6)	(12.4)	(13.3)	(11.6)	(12.4)	(11.6)	(11.6)
Width (§)	mm	4824	4884	4824	5068	4824	5165	5068
	(ft/in)	(15'10")	(16'0")	(15'10")	(16'7")	(15'10")	(16'11")	(16'7")
Dump Clearance at Full Lift SAE 45° discharge – with tips (§)	mm	5224	5166	5112	5229	5162	5316	5316
	(ft/in)	(17'1")	(16'11")	(16'8")	(17'2")	(17'0")	(17'4")	(17'4")
Reach at Full Lift SAE 45° discharge – with tips (§)	mm	2193	2246	2294	2189	2252	2159	2159
	(ft/in)	(7'2")	(7'4")	(7'5")	(7'2")	(7'4")	(7'1")	(7'1")
Reach with lift arms horizontal and bucket level – with teeth	mm	5504	5583	5655	5498	5590	5415	5415
	(ft/in)	(18'0")	(18'3")	(18'6")	(18'0")	(18'3")	(17'8")	(17'8")
Digging depth (segment) – bucket level (§)	mm	176	181	181	176	178	155	155
	(in)	(7.0)	(7.1)	(7.1)	(7.0)	(7.0)	(6.1)	(6.1)
Overall length – bucket level ground – with tips (§)	mm	16 197	16 279	16 351	16 191	16 284	16 095	16 095
	(ft/in)	(53'1")	(53'4")	(53'6")	(53'1")	(53'4")	(52'8")	(52'8")
Overall height with bucket at full raise (§)	mm	9930	9930	10 109	9930	9930	10 109	9930
	(ft/in)	(32'6")	(32'6")	(33'2")	(32'6")	(32'6")	(33'2")	(32'6")
Loader clearance circle with bucket in carry position – with tips (§)	mm	11 326	11 352	11 349	11 324	11 352	11 313	11 313
	(ft/in)	(37'1")	(37'2")	(37'2")	(37'1")	(37'2")	(37'1")	(37'1")
Static tipping load straight (at operating weight) (§)	kg	53 044	52 396	52 099	51 567	52 653	49 505	51 149
	(lb)	(116,942)	(115,513)	(114,858)	(113,685)	(116,079)	(109,139)	(112,764)
Static tipping load at full 43° turn (§) †	kg	44 766	44 143	43 834	43 289	44 400	41 227	42 871
	(lb)	(98,692)	(97,318)	(96,637)	(95,435)	(97,885)	(90,890)	(94,514)
Static tipping load – tire deflection at full 43° turn (§) †	kg	41 753	41 135	40 789	40 288	41 390	38 224	39 873
	(lb)	(92,049)	(90,687)	(89,924)	(88,819)	(91,249)	(84,269)	(87,904)
Static tipping load at full 40° turn (§) †	kg	42 946	42 325	41 981	41 481	42 580	39 417	41 065
	(lb)	(94,679)	(93,310)	(92,552)	(91,449)	(93,872)	(86,899)	(90,532)
Static tipping load – tire deflection at full 40° turn (§) †	kg	42 946	42 325	41 981	41 481	42 580	39 417	41 065
	(lb)	(94,679)	(93,310)	(92,552)	(91,449)	(93,872)	(86,899)	(90,532)
Static tipping load at full 35° turn (§) †	kg	44 798	44 172	43 833	43 332	44 427	41 268	42 916
	(lb)	(98,762)	(97,382)	(96,635)	(95,530)	(97,944)	(90,980)	(94,613)
Static tipping load – tire deflection at full 35° turn (§) †	kg	44 798	44 172	43 833	43 332	44 427	41 268	42 916
	(lb)	(98,762)	(97,382)	(96,635)	(95,530)	(97,944)	(90,980)	(94,613)
Breakout force (§) †	kg	57 958	55 505	53 769	57 334	55 656	58 866	59 703
	(lb)	(127,775)	(122,367)	(118,540)	(126,399)	(122,700)	(129,777)	(131,622)
Operating weight (§) †	kg	99 076	99 469	99 849	100 455	99 250	102 625	100 831
	(lb)	(218,425)	(219,291)	(220,129)	(221,465)	(218,808)	(226,249)	(222,294)

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