

994H Wheel Loader

Dimensions

All dimensions are approximate.



	Standard* 53.5/85-57 tires		High Lift** 53.5/85-57 tires		Extended High Lift** 58/85-57 tires		Super High Lift*** 58/85-57 tires	
1	Ground to Top of Exhaust Stacks	7000 mm 23.0 ft	6990 mm 22.9 ft	7010 mm 23.0 ft	7000 mm 23.0 ft			
2	Ground to Top of ROPS	6750 mm 22.1 ft	6740 mm 22.1 ft	6750 mm 22.1 ft	6750 mm 22.1 ft			
3	Ground to Top of Hood	4840 mm 15.9 ft	4840 mm 15.9 ft	4850 mm 15.9 ft	4850 mm 15.9 ft			
4	Ground to Center of Front Axle	1830 mm 6.0 ft	1820 mm 6.0 ft	1840 mm 6.0 ft	1830 mm 6.0 ft			
5	Ground to Bumper Clearance	1480 mm 4.9 ft	1480 mm 4.9 ft	1490 mm 4.9 ft	1490 mm 4.9 ft			
6	Ground to Lower Hitch Clearance	820 mm 2.7 ft	820 mm 2.7 ft	830 mm 2.7 ft	830 mm 2.7 ft			
7	Reach at Maximum Lift, Dump Position	2309 mm 7.6 ft	2764 mm 9.1 ft	2725 mm 8.9 ft	3200 mm 10.5 ft			
8	Clearance at Maximum Lift, Dump Position	5578 mm 18.3 ft	6024 mm 19.8 ft	7080 mm 23.2 ft	6773 mm 22.2 ft			
9	Ground to B-Pin Center Line, Maximum Lift	8140 mm 26.7 ft	8479 mm 27.8 ft	9535 mm 31.3 ft	10 060 mm 33.0 ft			
10	Ground to Maximum Bucket Height, Maximum Lift	10 933 mm 35.9 ft	10 983 mm 36.0 ft	12 038 mm 32.9 ft	13 849 mm 45.4 ft			
11	Rear Axle Center Line to Bumper	4560 mm 15.0 ft	4560 mm 15.0 ft	4560 mm 15.0 ft	4560 mm 15.0 ft			
12	Front Axle Center Line to Rear Axle Center Line (Wheel Base)	6400 mm 21.0 ft	6400 mm 21.0 ft	6400 mm 21.0 ft	6400 mm 21.0 ft			
13	Bumper to Bucket Tip (Machine Length), Ground Position	16 877 mm 55.4 ft	17 521 mm 57.5 ft	18 408 mm 60.4 ft	18 916 mm 62.1 ft			

*Standard machine equipped with 19 m³ (25 yd³) 222 in bucket.

**High Lift and Extended High Lift machines equipped with 18 m³ (23.5 yd³) 245 in bucket.

***Super High Lift machine equipped with 36 m³ (47 yd³) 256 in bucket.

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Bucket Capacity/Material Density Selection Guide

Standard Linkage

Material Density				Bucket Volume	
kg/m ³	lb/yd ³	tonnes/m ³	tons/yd ³	m ³	yd ³
1720-1898	2,900-3,200	1.72-1.90	1.45-1.60	19	24.5
1898-2135	3,200-3,600	1.90-2.14	1.60-1.80	17	22.5
2135-2432	3,600-4,100	2.14-2.43	1.80-2.05	15	19.5

High Lift/Extended High Lift/Super High Lift

Material Density				Bucket Volume	
kg/m ³	lb/yd ³	tonnes/m ³	tons/yd ³	m ³	yd ³
1601-1780	2,700-3,000	1.60-1.78	1.35-1.50	19	24.5
1780-1958	3,000-3,300	1.78-1.96	1.50-1.65	17	22.5
1958-2136	3,300-3,600	1.96-2.14	1.65-1.80	15	19.5

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Operating Specifications – Standard Lift

For machines equipped with 53.5/85–57 76PR FS L-5 tires – see additional tables for other tire sizes.

Bucket Type		Rock					Coal
Ground Engaging Tools		Teeth & Segment					Teeth & Segment
Cutting Edge Type		Spade					Straight
Bucket Part No. (Group Level)		257-3682	257-3684	257-3686	251-4560	257-3690	257-3692
Bucket Load at Rated Capacity	kg	34 473	34 473	34 473	34 473	34 473	34 473
	lb	76,000	76,000	76,000	76,000	76,000	76,000
Rated Capacity	m ³	15.0	17.0	19.0	18.0	19.0	32.0
	yd ³	19.5	22.5	25.0	23.5	25.0	41.9
Struck Capacity – ISO	m ³	12.0	14.0	15.0	14.5	15.0	27.0
	yd ³	16.0	18.5	19.6	19.0	19.6	35.3
Bucket Width – Overall	mm	5640	5640	5640	6200	6200	6200
	ft	18.5	18.5	18.5	20.3	20.3	20.3
Clearance at 45° Dump (Tooth Tip)	mm	5786	5685	5578	5685	5578	5651
	ft	19.0	18.6	18.3	18.6	18.3	18.5
Reach at 45° Dump (Tooth Tip)	mm	2101	2203	2309	2203	2309	2365
	ft	6.9	7.2	7.6	7.2	7.6	7.8
Horizontal Arm and Level Bucket Reach	mm	4955	5099	5249	5099	5249	5238
	ft	16.3	16.7	17.2	16.7	17.2	17.2
Digging Depth (Segment)	mm	86	86	86	86	86	86
	ft	0.28	0.28	0.28	0.28	0.28	0.28
Overall Length – Bucket Level Ground	mm	16 583	16 727	16 877	16 727	16 877	16 865
	ft	54.4	54.9	55.4	54.9	55.4	55.3
Overall Height	mm	10 740	10 887	10 933	10 643	10 658	11 867
	ft	35.2	35.7	35.9	34.9	35.0	38.9
Turning Radius – Corner SAE Carry	mm	12 930	12 704	12 742	12 965	13 002	13 073
	ft	42.4	41.7	41.8	42.5	42.7	42.9
Tipping Load – Straight	kg	136 670	135 804	134 014	133 412	131 997	134 864
	lb	301,306	299,397	295,451	294,124	291,003	297,324
Tipping Load – Straight*	kg	125 026	123 991	122 211	121 834	120 455	122 263
	lb	275,634	273,353	269,429	268,597	265,558	269,543
Tipping Load – Articulated 40°	kg	118 039	117 146	115 435	114 873	113 553	116 104
	lb	260,232	258,262	254,490	253,251	250,341	255,966
Tipping Load – Articulated 40°*	kg	102 998	101 869	100 157	99 906	98 623	99 738
	lb	227,072	224,582	220,808	220,254	217,425	219,884
Breakout Force – SAE Rated	kN	1133.0	1054.7	985.2	1059.9	995.3	974.0
	lb-f	254,700	237,117	221,485	238,269	223,752	218,954
Operating Weight	kg	195 565	196 225	197 305	197 525	198 255	198 695
	lb	431,146	432,602	434,983	435,468	437,077	438,047

*With Tire Squash (53.5/85–57 @ 724 kPa/105 psi).

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Changes in Standard Lift Specifications due to Tire Size

Dimensional Changes

		50/80-57	52/80-57	55/80R57	53.5/85-57	58/85-57
Dump Clearance 45°	mm	-136	-143	-89	0	-2
	in	-5	-6	-4	0	-0.1
Reach 45°	mm	+118	+143	+68	0	-15
	in	+5	+6	+3	0	-0.6
Reach Horizontal Arms	mm	+118	+143	+68	0	-15
	in	+5	+6	+3	0	-0.6
Digging Depth	mm	+136	+143	+89	0	+2
	in	+5	+6	+4	0	+0.1
Overall Length	mm	+105	+111	+70	0	+2
	in	+4	+4	+3	0	+0.1
Overall Height	mm	-136	-143	-89	0	-2
	in	-5	-6	-4	0	-0.1
Total Width	mm	+5305	+5302	+5509	+5460	+5524
	in	+209	+209	+217	+215	+217.5

Weight Changes

		50/80-57	52/80-57	55/80R57	53.5/85-57	58/85-57
Tipping - Straight	kg	-4206	-3323	+231	0	+325
	lb	-9,273	-7,326	+509	0	+717
Tipping - Full 40° Turn	kg	-3715	-2934	+44	0	+287
	lb	-8,190	-6,468	+97	0	+633
Operating Weight	kg	-5388	-4256	+64	0	+416
	lb	-11,878	-9,383	+141	0	+917

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Operating Specifications – High Lift

For machines equipped with 53.5/85–57 76PR FS L-5 tires – see additional tables for other tire sizes.

Bucket Type		Rock					Coal
Ground Engaging Tools		Teeth & Segment					Teeth & Segment
Cutting Edge Type		Spade					Straight
Bucket Part No. (Group Level)		257-3682	257-3684	257-3686	251-4560	257-3690	257-3692
Bucket Load at Rated Capacity	kg	31 752	31 752	31 752	31 752	31 752	31 752
	lb	70,000	70,000	70,000	70,000	70,000	70,000
Rated Capacity	m ³	15.0	17.0	19.0	18.0	19.0	32.0
	yd ³	19.5	22.5	25.0	23.5	25.0	41.9
Struck Capacity – ISO	m ³	12.0	14.0	15.0	14.5	15.0	27.0
	yd ³	16.0	18.5	19.6	19.0	19.6	35.3
Bucket Width – Overall	mm	5640	5640	5640	6200	6200	6200
	ft	18.5	18.5	18.5	20.3	20.3	20.3
Clearance at 45° Dump (Tooth Tip)	mm	6126	6024	5918	6024	5918	5990
	ft	20.1	19.8	19.4	19.8	19.4	19.7
Reach at 45° Dump (Tooth Tip)	mm	2663	2764	2871	2764	2871	2926
	ft	8.7	9.1	9.4	9.1	9.4	9.6
Horizontal Arm and Level Bucket Reach	mm	5595	5739	5889	5739	5889	5878
	ft	18.4	18.8	19.3	18.8	19.3	19.3
Digging Depth (Segment)	mm	206	206	206	206	206	206
	ft	0.68	0.68	0.68	0.68	0.68	0.68
Overall Length – Bucket Level Ground	mm	17 377	17 521	17 671	17 521	17 671	17 659
	ft	57.0	57.5	58.0	57.5	58.0	57.9
Overall Height	mm	11 080	11 227	11 273	10 983	10 998	12 207
	ft	36.4	36.8	37.0	36.0	36.1	40.0
Turning Radius – Corner SAE Carry	mm	13 214	12 993	13 030	13 249	13 285	13 346
	ft	43.4	42.6	42.8	43.5	43.6	43.8
Tipping Load – Straight	kg	113 740	112 933	111 348	110 772	109 568	111 922
	lb	250,754	248,974	245,481	244,211	241,556	246,745
Tipping Load – Straight*	kg	104 491	103 557	101 971	101 562	100 377	101 958
	lb	230,363	228,303	224,808	223,905	221,293	224,780
Tipping Load – Articulated 40°	kg	97 549	96 713	95 185	94 648	93 513	95 594
	lb	215,058	213,215	209,846	208,662	206,161	210,749
Tipping Load – Articulated 40°*	kg	85 519	84 502	82 962	82 661	81 544	82 547
	lb	188,538	186,294	182,899	182,236	179,773	181,985
Breakout Force – SAE Rated	kN	1090.5	1014.7	947.4	1019.4	957.1	935.9
	lb-f	245,143	228,112	212,991	229,163	215,167	210,405
Operating Weight	kg	198 300	198 960	200 040	200 260	200 990	201 430
	lb	437,175	438,631	441,012	441,497	443,106	444,076

*With Tire Squash (53.5/85–57 @ 724 kPa/105 psi).

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Changes in High Lift Specifications due to Tire Size

Dimensional Changes

		50/80-57	52/80-57	55/80R57	53.5/85-57	58/85-57
Dump Clearance 45°	mm	-136	-143	-89	0	-2
	in	-5	-6	-4	0	-0.1
Reach 45°	mm	+118	+143	+68	0	-15
	in	+5	+6	+3	0	-0.6
Reach Horizontal Arms	mm	+118	+143	+68	0	-15
	in	+5	+6	+3	0	-0.6
Digging Depth	mm	+136	+143	+89	0	+2
	in	+5	+6	+4	0	+0.1
Overall Length	mm	+90	+94	+59	0	+1
	in	+4	+4	+2	0	+0.0
Overall Height	mm	-136	-143	-89	0	-2
	in	-5	-6	-4	0	-0.1
Total Width	mm	+5305	+5302	+5509	+5460	+5524
	in	+209	+209	+217	+215	+217.5

Weight Changes

		50/80-57	52/80-57	55/80R57	53.5/85-57	58/85-57
Tipping - Straight	kg	-3674	-2902	+44	0	+284
	lb	-8,100	-6,398	+97	0	+626
Tipping - Full 40° Turn	kg	-3244	-2653	+39	0	+250
	lb	-7,152	-5,849	+86	0	+551
Operating Weight	kg	-5388	-4256	+64	0	+416
	lb	-11,878	-9,383	+141	0	+917

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Operating Specifications – Extended High Lift

For machines equipped with 58/85–57 84PR L-4 tires – see additional tables for other tire sizes.

Bucket Type		Rock					Coal
Ground Engaging Tools		Teeth & Segment					Teeth & Segment
Cutting Edge Type		Spade					Straight
Bucket Part No. (Group Level)		257-3682	257-3684	257-3686	251-4560	257-3690	257-3692
Bucket Load at Rated Capacity	kg	31 752	31 752	31 752	31 752	31 752	31 752
	lb	70,000	70,000	70,000	70,000	70,000	70,000
Rated Capacity	m ³	15.0	17.0	19.0	18.0	19.0	32.0
	yd ³	19.5	22.5	25.0	23.5	25.0	41.9
Struck Capacity – ISO	m ³	12.0	14.0	15.0	14.5	15.0	27.0
	yd ³	16.0	18.5	19.6	19.0	19.6	35.3
Bucket Width – Overall	mm	5640	5640	5640	6200	6200	6200
	ft	18.5	18.5	18.5	20.3	20.3	20.3
Clearance at 45° Dump (Tooth Tip)	mm	7182	7080	6974	7080	6974	7046
	ft	23.6	23.2	22.9	23.2	22.9	23.1
Reach at 45° Dump (Tooth Tip)	mm	2623	2725	2831	2725	2831	2887
	ft	8.6	8.9	9.3	8.9	9.3	9.5
Horizontal Arm and Level Bucket Reach	mm	6330	6474	6624	6474	6624	6613
	ft	20.8	21.2	21.7	21.2	21.7	21.7
Digging Depth (Segment)	mm	106	106	106	106	106	106
	ft	0.35	0.35	0.35	0.35	0.35	0.35
Overall Length – Bucket Level Ground	mm	18 264	18 408	18 558	18 408	18 558	18 546
	ft	59.9	60.4	60.9	60.4	60.9	60.8
Overall Height	mm	12 136	12 283	12 329	12 038	12 054	13 263
	ft	39.8	40.3	40.4	39.5	39.5	43.5
Turning Radius – Corner SAE Carry	mm	13 689	13 486	13 531	13 732	13 776	13 864
	ft	44.9	44.2	44.4	45.1	45.2	45.5
Tipping Load – Straight	kg	101 931	101 019	99 492	99 111	97 982	99 303
	lb	224,719	222,708	219,343	218,503	216,013	218,925
Tipping Load – Straight*	kg	97 617	96 620	95 082	94 812	93 683	94 495
	lb	215,207	213,010	209,620	209,024	206,536	208,326
Tipping Load – Articulated 40°	kg	86 490	85 569	84 095	83 729	82 662	83 825
	lb	190,677	188,647	185,397	184,591	182,239	184,801
Tipping Load – Articulated 40°*	kg	78 963	77 913	76 422	76 225	75 161	75 570
	lb	174,084	171,768	168,481	168,047	165,701	166,604
Breakout Force – SAE Rated	kN	1047.0	973.8	908.8	978.0	918.1	897.1
	lb-f	235,382	218,914	204,315	219,860	206,399	201,673
Operating Weight	kg	205 728	206 388	207 468	207 688	208 418	208 858
	lb	453,552	455,008	457,388	457,874	459,483	460,453

*With Tire Squash (58/85–57 @ 724 kPa/105 psi).

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Changes in Extended High Lift Specifications due to Tire Size

Dimensional Changes

		50/80-57	52/80-57	55/80R57	53.5/85-57	58/85-57
Dump Clearance 45°	mm	-134	-141	-87	+2	0
	in	-5	-6	-3	+0.08	0
Reach 45°	mm	+133	+158	+83	+15	0
	in	+5	+6	+3	+1	0
Reach Horizontal Arms	mm	+133	+158	+83	+15	0
	in	+5	+6	+3	+1	0
Digging Depth	mm	+134	+141	+87	-2	0
	in	+5	+6	+3	-0.08	0
Overall Length	mm	+89	+93	+58	-1	0
	in	+4	+4	+2	-0.04	0
Overall Height	mm	-134	-141	-87	+2	0
	in	-5	-6	-3	+0.08	0
Total Width	mm	+5305	+5302	+5509	+5460	+5524
	in	+209	+209	+217	+215	+217.5

Weight Changes

		50/80-57	52/80-57	55/80R57	53.5/85-57	58/85-57
Tipping - Straight	kg	-3058	-2462	-185	-219	0
	lb	-6,742	-5,428	-408	-483	0
Tipping - Full 40° Turn	kg	-2700	-2174	-163	-193	0
	lb	-5,952	-4,793	-359	-425	0
Operating Weight	kg	-5804	-4672	-352	-416	0
	lb	-12,796	-10,300	-776	-917	0

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Operating Specifications – Super High Lift

Machines only equipped with 58/85–57 84PR FS L-4 tires and Coal Bucket.

Bucket Type		Coal
Cutting Edge Type		Spade
Bucket Part No. (Group Level)		241-9682
Bucket Load at Rated Capacity	kg	31 752
	lb	70,000
Rated Capacity	m ³	36.0
	yd ³	47.0
Struck Capacity – ISO	m ³	30.0
	yd ³	39.5
Bucket Width – Overall	mm	6500
	ft	21.3
Clearance at 45° Dump (Tooth Tip)	mm	7296
	ft	23.9
Reach at 45° Dump (Tooth Tip)	mm	3400
	ft	11.2
Horizontal Arm and Level Bucket Reach	mm	7557
	ft	24.8
Digging Depth (Segment)	mm	339
	ft	1.1
Overall Length – Bucket Level Ground	mm	19 526
	ft	64.1
Overall Height	mm	14 372
	ft	47.2
Turning Radius – Corner SAE Carry	mm	14 262
	ft	46.8
Tipping Load – Straight	kg	88 277
	lb	194,617
Tipping Load – Straight*	kg	84 025
	lb	185,243
Tipping Load – Articulated 40°	kg	73 683
	lb	162,443
Tipping Load – Articulated 40°*	kg	66 451
	lb	146,499
Breakout Force – SAE Rated	kN	693.0
	lb-f	155,793
Operating Weight	kg	213 823
	lb	471,399

*With Tire Squash (58/85–57 @ 724 kPa/105 psi).