



995

Wheel Loader

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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995 Wheel Loader Specifications

Engine

Engine Model	Cat® 3516E	
Emissions	U.S. EPA Tier 4 Final/ EU Stage V or U.S. EPA Tier 1 equivalent	
Rated Speed	1,600 rpm	
Engine Power – ISO 14396:2002	1377 kW	1,847 hp
Gross Power – SAE J1995:2014	1394 kW	1,870 hp
Net Power – SAE J1349:2011		
Standard Ambient	1297 kW	1,739 hp
High Ambient	1265 kW	1,696 hp
Bore	170 mm	6.7 in
Stroke	215 mm	8.5 in
Displacement	78.1 L	4,766 in ³
Peak Torque @ 1,200 rpm – SAE J1995	11 591 N·m	8,549 lbf·ft
Torque Rise	39%	

- The power ratings apply when tested under the reference conditions for the specified standard.
- The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and muffler.
- The gross power advertised is with the fan at maximum speed.

Operating Specifications

Operating Weight – Standard	245 192 kg	540,555 lb
Operating Weight – High Lift	246 962 kg	544,457 lb
Rated Payload – Standard		
Moderate to High Digging Resistance	45.3 tonnes	50 tons
Low to Moderate Digging Resistance*	54.4 tonnes	60 tons
Rated Payload – High Lift		
Moderate to High Digging Resistance	45.3 tonnes	50 tons
Low to Moderate Digging Resistance*	49.9 tonnes	55 tons
Bucket Capacity Range	17.2-43.6 m ³	22.3-57 yd ³

*Please contact your local dealer to determine if your application is suitable for this increased rated payload.

Transmission

Transmission Type	Cat Planetary Power Shift	
Forward 1	7.4 km/h	4.6 mph
Forward 2	12.9 km/h	8.0 mph
Forward 3	21.9 km/h	13.6 mph
Reverse 1	8.1 km/h	5.0 mph
Reverse 2	14.1 km/h	8.8 mph
Reverse 3	24.0 km/h	14.9 mph
Direct Drive – Forward 1	Lock-up disables	
Direct Drive – Forward 2	14.0 km/h	8.7 mph
Direct Drive – Forward 3	24.5 km/h	15.2 mph
Direct Drive – Reverse 1	Lock-up disables	
Direct Drive – Reverse 2	15.5 km/h	9.6 mph
Direct Drive – Reverse 3	27.0 km/h	16.8 mph

- Travel speeds based on 58/85-57 tires.

Hydraulic System – Lift/Tilt

Lift/Tilt System – Circuit	Positive Flow Control	
Lift/Tilt System – Pumps	Variable Displacement Piston	
Maximum Flow at 1,700 rpm Engine Speed	2047 L/min	541 gal/min
Relief Valve Setting – Lift/Tilt	34 500 kPa	5,004 psi
Cylinders, Double Acting		
Lift, Bore and Stroke	370 × 1713 mm	14.6 × 67.4 in
Tilt, Bore and Stroke	310 × 1086 mm	12.2 × 42.8 in
Pilot System	Open Loop and Pressure Reducing	

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Hydraulic Cycle Time

Rack Back	4.9 seconds
Raise	12.6 seconds
Dump	3.1 seconds
Lower Float Down	4.2 seconds
Total Hydraulic Cycle Time (empty bucket)	23.5 seconds

Complete System Fill

Fuel Tank (standard)	3240 L	856 gal
Fuel Tank (with 24 hr attachment)	5350 L	1,414 gal
Cooling System	520 L	138 gal
Engine Crankcase	288 L	76 gal
Diesel Exhaust Fluid (DEF) (Tier 4 Final/Stage V)	519 L	137 gal
Transmission	416 L	110 gal
Differentials and Final Drives – Front	833 L	220 gal
Differentials and Final Drives – Rear	757 L	200 gal
Hydraulic Tank (implement and hydraulic fan)	1022 L	270 gal
Hydraulic Tank (steering and braking)	379 L	100 gal
Oil Renewal System (ORS)*	75.7 L	20 gal

*Not available on Tier 4 Final/Stage V machines. Not available in all regions.

Axles

Front	Fixed
Rear	Trunnion
Oscillation Angle	9°

Brakes

Brakes	ISO 3450:2011
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Cooling System

Ambient Capability Hydraulically Driven Demand Fan		
Standard	43° C	109.4° F
High (Tier 1 equivalent)	55° C	131° F
High (Tier 4 Final)	53° C	127.4° F

Sound Performance

	Standard	Suppression
Operator Sound Level (ISO 6396:2008)		
Tier 1 Equivalent	72 dB(A)	71 dB(A)
Tier 4 Final/EU Stage V	72 dB(A)	71 dB(A)
Machine Sound Level (ISO 6395:2008)		
	119 dB(A)	117 dB(A)

Sound Performance

- The measurement was conducted at 70 percent of the maximum engine cooling fan speed. Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are open for extended periods or in a noisy environment.

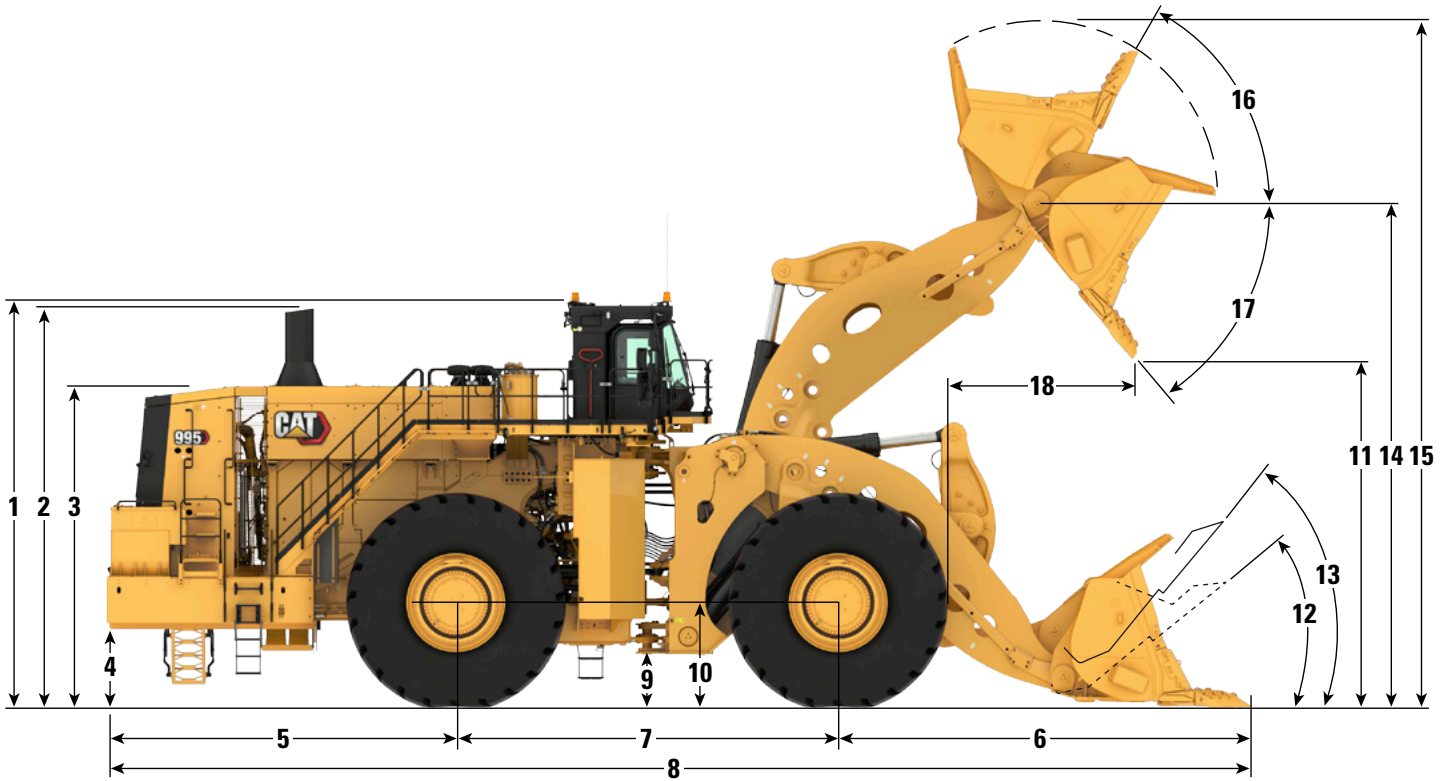
Hydraulic System – Steering

Steering System – Circuit	Pilot, Load Sensing	
Steering System – Pump	Piston, Variable Displacement	
Maximum Flow @ 1,700 rpm Engine Speed	880 L/min	233 gal/min
Relief Valve Setting – Steering	31 000 kPa	4,496 psi
Total Steering Angle	80 degrees	
Steering Cycle Time (low idle)	7.6 seconds	
Steering Cycle Time (high idle)	4.3 seconds	

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Dimensions

All dimensions are approximate.



	Standard Lift		High Lift	
1 Ground to Top of Rollover Protective Structure (ROPS)	7119 mm	23.4 ft	7119 mm	23.4 ft
2 Ground to Top of Exhaust Stacks	7067 mm	23.2 ft	7067 mm	23.2 ft
3 Ground to Top of Hood	5682 mm	18.6 ft	5682 mm	18.6 ft
4 Ground to Bumper Clearance	1355 mm	4.4 ft	1355 mm	4.4 ft
5 Rear Axle Center Line to Bumper	6205 mm	20.4 ft	6205 mm	20.4 ft
6 Front Axle Center Line to Bucket Tip	6688 mm	21.9 ft	7383 mm	24.2 ft
7 Wheel Base	6800 mm	22.3 ft	6800 mm	22.3 ft
8 Maximum Overall Length	19 693 mm	64.6 ft	20 388 mm	66.9 ft
9 Ground to Lower Hitch Clearance	898 mm	2.9 ft	898 mm	2.9 ft
10 Ground to Center of Axles	1830 mm	6.0 ft	1830 mm	6.0 ft
11 Clearance at Maximum Lift, at 45° Dump	6039 mm	19.8 ft	6896 mm	22.6 ft
12 Rack Back Angle at Ground Level	39.7 degrees		45.0 degrees	
13 Rack Back Angle at Carry	47.7 degrees		53.5 degrees	
14 B-Pin Height at Maximum Lift	8800 mm	28.8 ft	9657 mm	31.6 ft
15 Maximum Overall Height, Bucket Raised	11 966 mm	39.3 ft	12 823 mm	42.1 ft
16 Rack Angle at Maximum Lift	59.5 degrees		59.4 degrees	
17 Dump Angle at Maximum Lift	-50.0 degrees		-50.0 degrees	
18 Reach at Maximum Lift, at 45° Dump	2946 mm	9.6 ft	2884 mm	9.4 ft
Tread Width	4300 mm	14.1 ft	4300 mm	14.1 ft
Width Over Tires (with bulge)	5758 mm	18.8 ft	5760 mm	18.8 ft

Note: Assumes loaded 58/85-57 tires, tires at a static loaded radius of 1830 mm (6 ft), 596-5330 26 m³ (34 yd³) bucket, 431-0064 HD tips.

Bucket Selection Guide

When sizing the bucket, it is important to consider the Maximum Swung Load. The Maximum Swung Load is the maximum allowed combined weight of the bucket and payload. Large Wheel Loader Payload Policy is the Maximum Swung Load should never be exceeded.

“Example Bucket Weight” includes for 21.4-27.5 m³ (28-36 yd³) bucket, 431-0064 Advansys™ 220 HD tips, 375-1666 CapSure™ shrouds, 356-6438 sidebar protectors, and 479-7661 bolt-on cutting edges; for 29.1 m³ (38 yd³) bucket the same as above except with the mechanically attached adapter system; for 39.8-43.6 m³ (52-57 yd³) coal buckets, 431-0069 Advansys 220 coal tips and 356-6438 sidebar protectors.

If a bucket weight other than the weight specified in the table below is chosen, the bucket size can be evaluated using the following equations:

$$\text{Maximum Payload} = \text{Maximum Swung Load} - \text{Bucket Weight}$$

$$\text{Maximum Density} = (\text{Maximum Swung Load} - \text{Bucket Weight}) / \text{Bucket Volume}$$

The rated capacity of the tires should always be considered.

Moderate to High Digging Resistance

Standard Lift: Rated Payload 45.4 tonnes (50 tons), Maximum Swung Load 75.9 tonnes (83.7 tons)

Bucket Volume		Example Bucket Weight		Maximum Payload at Example Bucket Weight		Maximum Density at Example Bucket Weight	
m ³	yd ³	kg	lb	tonnes	tons	kg/m ³	lb/yd ³
21.4	28	23 205	51,144	52.7	58.1	2516	4,241
22.9	30	23 816	52,490	52.1	57.4	2322	3,914
24.5	32	24 352	53,672	51.6	56.9	2155	3,632
26.0	34	25 238	55,625	50.7	55.9	1994	3,361
27.5	36	26 389	58,161	49.5	54.6	1841	3,104
29.1	38	26 911	59,312	49.0	54.0	1727	2,910
39.8	52	23 959	52,806	52.0	57.3	1336	2,252
43.6	57	26 972	59,446	49.0	54.0	1150	1,938

High Lift: Rated Payload 45.4 tonnes (50 tons), Maximum Swung Load 75.9 tonnes (83.7 tons)

Bucket Volume		Example Bucket Weight		Maximum Payload at Example Bucket Weight		Maximum Density at Example Bucket Weight	
m ³	yd ³	kg	lb	tonnes	tons	kg/m ³	lb/yd ³
21.4	28	23 205	51,144	52.7	58.1	2516	4,241
22.9	30	23 816	52,490	52.1	57.4	2322	3,914
24.5	32	24 352	53,672	51.6	56.9	2155	3,632
26.0	34	25 238	55,625	50.7	55.9	1994	3,361
27.5	36	26 389	58,161	49.5	54.6	1841	3,104
29.1	38	26 911	59,312	49.0	54.0	1727	2,910
39.8	52	23 959	52,806	52.0	57.3	1336	2,252
43.6	57	26 972	59,446	49.0	54.0	1150	1,938

995 Wheel Loader Specifications

Low to Moderate Digging Resistance*

Standard Lift: Rated Payload 54.4 tonnes (60 tons), Maximum Swung Load 84.5 tonnes (93.2 tons)

Bucket Volume		Example Bucket Weight		Maximum Payload at Example Bucket Weight		Maximum Density at Example Bucket Weight	
m ³	yd ³	kg	lb	tonnes	tons	kg/m ³	lb/yd ³
21.4	28	23 205	51,144	61.3	67.6	2516	4,241
22.9	30	23 816	52,490	60.7	66.9	2322	3,914
24.5	32	24 352	53,672	60.2	66.3	2155	3,632
26.0	34	25 238	55,625	59.3	65.4	1994	3,361
27.5	36	26 389	58,161	58.1	64.1	1841	3,104
29.1	38	26 911	59,312	57.6	63.5	1727	2,910
39.8	52	23 959	52,806	60.6	66.8	1336	2,252
43.6	57	26 972	59,446	57.6	63.4	1150	1,938

High Lift: Rated Payload 49.9 tonnes (55 tons), Maximum Swung Load 77.1 tonnes (84.9 tons)

Bucket Volume		Example Bucket Weight		Maximum Payload at Example Bucket Weight		Maximum Density at Example Bucket Weight	
m ³	yd ³	kg	lb	tonnes	tons	kg/m ³	lb/yd ³
21.4	28	23 205	51,144	53.9	59.4	2516	4,241
22.9	30	23 816	52,490	53.3	58.7	2322	3,914
24.5	32	24 352	53,672	52.7	58.1	2155	3,632
26.0	34	25 238	55,625	51.8	57.1	1994	3,361
27.5	36	26 389	58,161	50.7	55.9	1841	3,104
29.1	38	26 911	59,312	50.2	55.3	1727	2,910
39.8	52	23 959	52,806	53.1	58.5	1336	2,252
43.6	57	26 972	59,446	50.1	55.2	1150	1,938

*Please contact your local dealer to determine if your application is suitable for this increased rated payload.

995 Wheel Loader Specifications

Operating Specifications – Standard Lift

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		Rock				
Ground Engaging Tools		Teeth & Segment				
Cutting Edge Type		Spade				
Bucket Part No. (Group Level)		389-4420	389-4430	389-4440	389-4450	596-5330
Bucket Weight as Configured	kg	22 321	23 205	23 816	24 352	25 238
	lb	49,209	51,158	52,505	53,687	55,640
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000	100,000
Rated Capacity	m ³	19	21	23	25	26
	yd ³	25	28	30	32	34
Struck Capacity – ISO*	m ³	15	18	19	20	21
	yd ³	20	24	25	26	28
Heaped Capacity – ISO*	m ³	19	21	23	24	26
	yd ³	25	28	30	31	34
Bucket Width – Overall	mm	6240	6240	6240	6240	6240
	in	246	246	246	246	246
Clearance at 45° Dump (Tooth Tip)	mm	6356	6246	6175	6108	6039
	in	250	246	243	240	238
Reach at 45° Dump (Tooth Tip)	mm	2643	2752	2823	2890	2946
	in	104	108	111	114	116
Bucket Pin at Maximum Lift	mm	8800	8800	8800	8800	8800
	in	346	346	346	346	346
Horizontal Arm and Level Bucket Reach	mm	5585	5740	5840	5935	6023
	in	220	226	230	234	237
Digging Depth (Segment)	mm	222	222	222	222	231
	in	9	9	9	9	9
Overall Length – Bucket Level Ground	mm	19 248	19 403	19 503	19 598	19 693
	in	758	764	768	772	775
Front Axle to Bucket Tip Ground	mm	6243	6398	6498	6593	6688
	in	246	252	256	260	263
Overall Height	mm	11 551	11 698	11 781	11 884	11 966
	in	455	461	464	468	471
Turning Radius – Corner at SAE Carry	mm	13 728	13 772	13 802	13 828	13 860
	in	540	542	543	544	546
Reach at 45° Dump and 2.13 m (7 ft) Height (with Teeth)	mm	4351	4457	4524	4587	4639
	in	171	175	178	181	183
Rack Back Angle at SAE Carry	degree	48	48	48	48	48
Full Dump at Maximum Lift	degree	-50	-50	-50	-50	-50

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

(chart continued on next page)

995 Wheel Loader Specifications

Operating Specifications – Standard Lift *(continued)*

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		HD Rock		Coal	
Ground Engaging Tools		Teeth & Segment		Teeth & Segment	
Cutting Edge Type		Spade		Straight	
Bucket Part No. (Group Level)		592-3680	574-8480	592-3720	577-1190
Bucket Weight as Configured	kg	26 389	28 216	23 959	26 972
	lb	58,178	62,206	52,820	59,463
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000
Rated Capacity	m ³	28	29	40	44
	yd ³	36	38	52	57
Struck Capacity – ISO*	m ³	23	24	33	36
	yd ³	30	31	43	47
Heaped Capacity – ISO*	m ³	28	29	40	44
	yd ³	37	38	52	58
Bucket Width – Overall	mm	6320	6448	6968	7708
	in	249	254	274	303
Clearance at 45° Dump (Tooth Tip)	mm	5973	5908	6327	6007
	in	235	233	249	236
Reach at 45° Dump (Tooth Tip)	mm	3025	3086	2731	2993
	in	119	122	108	118
Bucket Pin at Maximum Lift	mm	8800	8800	8800	8800
	in	346	346	346	346
Horizontal Arm and Level Bucket Reach	mm	6126	6215	5668	6079
	in	241	245	223	239
Digging Depth (Segment)	mm	220	226	224	211
	in	9	9	9	8
Overall Length – Bucket Level Ground	mm	19 788	19 882	19 332	19 734
	in	779	783	761	777
Front Axle to Bucket Tip Ground	mm	6783	6877	6327	6729
	in	267	271	249	265
Overall Height	mm	12 066	12 174	12 270	12 446
	in	475	479	483	490
Turning Radius – Corner at SAE Carry	mm	13 886	13 967	14 246	14 463
	in	547	550	561	569
Reach at 45° Dump and 2.13 m (7 ft) Height (with Teeth)	mm	4713	4768	4439	4683
	in	186	188	175	184
Rack Back Angle at SAE Carry	degree	48	48	48	48
Full Dump at Maximum Lift	degree	-50	-50	-50	-50

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

(chart continued on next page)

995 Wheel Loader Specifications

Operating Specifications – Standard Lift *(continued)*

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		Rock				
Ground Engaging Tools		Teeth & Segment				
Cutting Edge Type		Spade				
Bucket Part No. (Group Level)		389-4420	389-4430	389-4440	389-4450	596-5330
Bucket Weight as Configured	kg	22 321	23 205	23 816	24 352	25 238
	lb	49,209	51,158	52,505	53,687	55,640
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000	100,000
Rated Capacity	m ³	19	21	23	25	26
	yd ³	25	28	30	32	34
Struck Capacity – ISO*	m ³	15	18	19	20	21
	yd ³	20	24	25	26	28
Heaped Capacity – ISO*	m ³	19	21	23	24	26
	yd ³	25	28	30	31	34
Tipping Load at Operating Weight – Straight	kg	161 833	160 196	159 087	158 094	156 542
	lb	356,780	353,172	350,726	348,538	345,115
Tipping Load at Operating Weight – Straight**	kg	152 401	150 705	149 557	148 527	147 066
	lb	335,987	332,248	329,716	327,445	324,224
Tipping Load at Operating Weight – Articulated 40°	kg	139 449	137 888	136 828	135 881	134 401
	lb	307,433	303,990	301,653	299,567	296,303
Tipping Load at Operating Weight – Articulated 40°**	kg	124 474	122 824	121 707	120 705	119 348
	lb	274,418	270,780	268,318	266,109	263,117
Tipping Load at Operating Weight – Bucket Level Ground	kg	137 390	132 841	129 988	127 380	124 585
	lb	302,893	292,864	286,573	280,824	274,662
Tipping Load at Operating Weight – Bucket Level Ground**	kg	127 876	123 801	121 232	118 882	116 340
	lb	281,919	272,933	267,270	262,089	256,486
Breakout Force – SAE Rated	kN	1486	1387	1329	1278	1232
	lbf	334,077	311,866	298,792	287,200	276,891
Operating Weight	kg	242 275	243 159	243 770	244 306	245 192
	lb	534,124	536,073	537,420	538,601	540,555
Weight Distribution at SAE Carry – Front	kg	126 626	128 250	129 372	130 363	131 956
	lb	279,162	282,743	285,215	287,401	290,914
Weight Distribution at SAE Carry – Rear	kg	115 649	114 909	114 398	113 942	113 235
	lb	254,962	253,330	252,204	251,200	249,641
Loaded Machine Weight	kg	287 634	288 518	289 129	289 665	290 551
	lb	634,123	636,072	637,419	638,601	640,554
Weight Distribution at SAE Carry – Front	kg	200 582	202 448	203 731	204 876	206 566
	lb	442,207	446,321	449,150	451,674	455,399
Weight Distribution at SAE Carry – Rear	kg	87 052	86 069	85 397	84 789	83 985
	lb	191,916	189,751	188,269	186,927	185,154

**With Tire Squash.

(chart continued on next page)

995 Wheel Loader Specifications

Operating Specifications – Standard Lift *(continued)*

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		HD Rock		Coal	
		Teeth & Segment		Teeth & Segment	
Ground Engaging Tools		Spade		Straight	
Cutting Edge Type		Spade		Straight	
Bucket Part No. (Group Level)		592-3680	574-8480	592-3720	577-1190
Bucket Weight as Configured	kg	26 389	28 216	23 959	26 972
	lb	58,178	62,206	52,820	59,463
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000
Rated Capacity	m ³	28	29	40	44
	yd ³	36	38	52	57
Struck Capacity – ISO*	m ³	23	24	33	36
	yd ³	30	31	43	47
Heaped Capacity – ISO*	m ³	28	29	40	44
	yd ³	37	38	52	58
Tipping Load at Operating Weight – Straight	kg	155 158	152 643	158 121	157 128
	lb	342,064	336,521	348,597	346,408
Tipping Load at Operating Weight – Straight**	kg	145 595	143 054	148 182	146 948
	lb	320,982	315,381	326,685	323,964
Tipping Load at Operating Weight – Articulated 40°	kg	133 022	130 536	136 048	134 732
	lb	293,263	287,782	299,935	297,033
Tipping Load at Operating Weight – Articulated 40°**	kg	117 848	115 321	120 346	118 708
	lb	259,811	254,238	265,316	261,707
Tipping Load at Operating Weight – Bucket Level Ground	kg	121 734	118 852	124 936	123 312
	lb	268,377	262,024	275,437	271,856
Tipping Load at Operating Weight – Bucket Level Ground**	kg	113 691	110 948	116 767	114 989
	lb	250,645	244,597	257,427	253,508
Breakout Force – SAE Rated	kN	1180	1143	1221	1215
	lbf	265,308	257,025	274,584	273,248
Operating Weight	kg	246 343	248 170	243 913	246 926
	lb	543,092	547,120	537,735	544,377
Weight Distribution at SAE Carry – Front	kg	133 983	137 390	129 401	134 512
	lb	295,382	302,894	285,280	296,547
Weight Distribution at SAE Carry – Rear	kg	112 360	110 779	114 512	112 414
	lb	247,710	244,226	252,455	247,831
Loaded Machine Weight	kg	291 702	293 529	289 272	292 285
	lb	643,091	647,119	637,734	644,377
Weight Distribution at SAE Carry – Front	kg	208 692	212 238	204 584	209 205
	lb	460,086	467,903	451,029	461,217
Weight Distribution at SAE Carry – Rear	kg	83 010	81 291	84 688	83 080
	lb	183,006	179,216	186,705	183,159

**With Tire Squash.

995 Wheel Loader Specifications

Operating Specifications – High Lift

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		ROCK				
		Teeth & Segment				
Ground Engaging Tools		SPADE				
Cutting Edge Type						
Bucket Part No. (Group Level)		389-4420	389-4430	389-4440	389-4450	596-5330
Bucket Weight as Configured	kg	22 321	23 205	23 816	24 352	25 238
	lb	49,209	51,158	52,505	53,687	55,640
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000	100,000
Rated Capacity	m ³	19	21	23	25	26
	yd ³	25	28	30	32	34
Struck Capacity – ISO*	m ³	15	18	19	20	21
	yd ³	20	24	25	26	28
Heaped Capacity – ISO*	m ³	19	21	23	24	26
	yd ³	25	28	30	31	34
Bucket Width – Overall	mm	6240	6240	6240	6240	6240
	in	246	246	246	246	246
Clearance at 45° Dump (Tooth Tip)	mm	7213	7103	7032	6965	6896
	in	284	280	277	274	272
Reach at 45° Dump (Tooth Tip)	mm	2580	2690	2760	2828	2884
	in	102	106	109	111	114
Bucket Pin at Maximum Lift	mm	9657	9657	9657	9657	9657
	in	380	380	380	380	380
Horizontal Arm and Level Bucket Reach	mm	6151	6306	6406	6501	6589
	in	242	248	252	256	259
Digging Depth (Segment)	mm	229	229	229	229	238
	in	9	9	9	9	9
Overall Length – Bucket Level Ground	mm	19 943	20 098	20 198	20 293	20 388
	in	785	791	795	799	803
Front Axle to Bucket Tip Ground	mm	6938	7093	7193	7288	7383
	in	273	279	283	287	291
Overall Height	mm	12 408	12 555	12 638	12 741	12 823
	in	489	494	498	502	505
Turning Radius – Corner at SAE Carry	mm	13 976	14 019	14 046	14 072	14 102
	in	550	552	553	554	555
Reach at 45° Dump and 2.13 m (7 ft) Height (with Teeth)	mm	4917	5023	5091	5154	5206
	in	194	198	200	203	205
Rack Back Angle at SAE Carry	degree	53	53	53	53	54
Full Dump at Maximum Lift	degree	-50	-50	-50	-50	-50

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

(chart continued on next page)

995 Wheel Loader Specifications

Operating Specifications – High Lift *(continued)*

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		HD Rock		Coal	
Ground Engaging Tools		Teeth & Segment		Teeth & Segment	
Cutting Edge Type		Spade		Straight	
Bucket Part No. (Group Level)		592-3680	574-8480	592-3720	577-1190
Bucket Weight as Configured	kg	26 389	28 216	23 959	26 972
	lb	58,178	62,206	52,820	59,463
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000
Rated Capacity	m ³	28	29	40	44
	yd ³	36	38	52	57
Struck Capacity – ISO*	m ³	23	24	33	36
	yd ³	30	31	43	47
Heaped Capacity – ISO*	m ³	28	29	40	44
	yd ³	37	38	52	58
Bucket Width – Overall	mm	6320	6448	6968	7708
	in	249	254	274	303
Clearance at 45° Dump (Tooth Tip)	mm	6830	6765	7184	6864
	in	269	266	283	270
Reach at 45° Dump (Tooth Tip)	mm	2963	3024	2669	2931
	in	117	119	105	115
Bucket Pin at Maximum Lift	mm	9657	9657	9657	9657
	in	380	380	380	380
Horizontal Arm and Level Bucket Reach	mm	6692	6781	6234	6645
	in	263	267	245	262
Digging Depth (Segment)	mm	227	233	230	218
	in	9	9	9	9
Overall Length – Bucket Level Ground	mm	20 483	20 576	20 027	20 430
	in	806	810	788	804
Front Axle to Bucket Tip Ground	mm	7478	7571	7022	7425
	in	294	298	276	292
Overall Height	mm	12 923	13 031	13 127	13 303
	in	509	513	517	524
Turning Radius – Corner at SAE Carry	mm	14 126	14 204	14 477	14 694
	in	556	559	570	579
Reach at 45° Dump and 2.13 m (7 ft) Height (with Teeth)	mm	5280	5336	5005	5251
	in	208	210	197	207
Rack Back Angle at SAE Carry	degree	53	54	54	53
Full Dump at Maximum Lift	degree	-50	-50	-50	-50

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

(chart continued on next page)

995 Wheel Loader Specifications

Operating Specifications – High Lift (continued)

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type		Rock				
Ground Engaging Tools		Teeth & Segment				
Cutting Edge Type		Spade				
Bucket Part No. (Group Level)		389-4420	389-4430	389-4440	389-4450	596-5330
Bucket Weight as Configured	kg	22 321	23 205	23 816	24 352	25 238
	lb	49,209	51,158	52,505	53,687	55,640
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000	100,000
Rated Capacity	m ³	19	21	23	25	26
	yd ³	25	28	30	32	34
Struck Capacity – ISO*	m ³	15	18	19	20	21
	yd ³	20	24	25	26	28
Heaped Capacity – ISO*	m ³	19	21	23	24	26
	yd ³	25	28	30	31	34
Tipping Load at Operating Weight – Straight	kg	141 587	140 165	139 196	138 335	136 893
	lb	312,146	309,010	306,874	304,976	301,796
Tipping Load at Operating Weight – Straight**	kg	134 008	132 526	131 519	130 620	129 246
	lb	295,437	292,170	289,949	287,968	284,938
Tipping Load at Operating Weight – Articulated 40°	kg	121 422	120 050	119 115	118 285	116 904
	lb	267,690	264,665	262,603	260,774	257,729
Tipping Load at Operating Weight – Articulated 40°**	kg	108 940	107 478	106 485	105 598	104 312
	lb	240,171	236,949	234,759	232,804	229,968
Tipping Load at Operating Weight – Bucket Level Ground	kg	118 752	115 026	112 670	110 516	108 162
	lb	261,804	253,588	248,395	243,645	238,457
Tipping Load at Operating Weight – Bucket Level Ground**	kg	111 603	108 186	106 018	104 034	101 848
	lb	246,041	238,509	233,729	229,356	224,536
Breakout Force – SAE Rated	kN	1416	1322	1266	1217	1173
	lbf	318,430	297,153	284,624	273,514	263,619
Operating Weight	kg	244 045	244 929	245 540	246 076	246 962
	lb	538,026	539,975	541,322	542,504	544,457
Weight Distribution at SAE Carry – Front	kg	131 917	133 602	134 766	135 792	137 450
	lb	290,826	294,542	297,108	299,369	303,025
Weight Distribution at SAE Carry – Rear	kg	112 128	111 327	110 774	110 284	109 512
	lb	247,200	245,433	244,214	243,135	241,432
Loaded Machine Weight	kg	289 404	290 288	290 899	291 435	292 321
	lb	638,025	639,974	641,321	642,503	644,456
Weight Distribution at SAE Carry – Front	kg	209 797	211 666	212 953	214 095	215 861
	lb	462,523	466,644	469,480	471,998	475,891
Weight Distribution at SAE Carry – Rear	kg	79 607	78 621	77 946	77 340	76 460
	lb	175,502	173,330	171,841	170,505	168,565

*With Tire Squash.

(chart continued on next page)

995 Wheel Loader Specifications

Operating Specifications – High Lift *(continued)*

For machines equipped with 58/85-57 tires at a static loaded radius of 1830 mm (6 ft).

Bucket Type	HD Rock		Coal		
	Teeth & Segment		Teeth & Segment		
Ground Engaging Tools	Spade		Straight		
Cutting Edge Type	Spade		Straight		
Bucket Part No. (Group Level)	592-3680	574-8480	592-3720	577-1190	
Bucket Weight as Configured	kg	26 389	28 216	23 959	26 972
	lb	58,178	62,206	52,820	59,463
Bucket Load at Rated Capacity	kg	45 359	45 359	45 359	45 359
	lb	100,000	100,000	100,000	100,000
Rated Capacity	m ³	28	29	40	44
	yd ³	36	38	52	57
Struck Capacity – ISO*	m ³	23	24	33	36
	yd ³	30	31	43	47
Heaped Capacity – ISO*	m ³	28	29	40	44
	yd ³	37	38	52	58
Tipping Load at Operating Weight – Straight	kg	135 596	133 218	138 776	137 316
	lb	298,937	293,695	305,949	302,729
Tipping Load at Operating Weight – Straight**	kg	127 875	125 469	130 733	129 107
	lb	281,916	276,612	288,217	284,631
Tipping Load at Operating Weight – Articulated 40°	kg	115 603	113 242	118 805	117 082
	lb	254,861	249,655	261,921	258,122
Tipping Load at Operating Weight – Articulated 40°**	kg	102 904	100 499	105 638	103 686
	lb	226,864	221,562	232,891	228,588
Tipping Load at Operating Weight – Bucket Level Ground	kg	105 680	103 041	108 650	106 770
	lb	232,984	227,166	239,532	235,387
Tipping Load at Operating Weight – Bucket Level Ground**	kg	99 501	96 954	102 389	100 406
	lb	219,363	213,747	225,728	221,358
Breakout Force – SAE Rated	kN	1123	1087	1163	1156
	lbf	252,495	244,427	261,451	259,991
Operating Weight	kg	248 113	249 940	245 683	248 696
	lb	546,994	551,022	541,637	548,280
Weight Distribution at SAE Carry – Front	kg	139 570	143 110	134 729	140 097
	lb	307,698	315,502	297,026	308,860
Weight Distribution at SAE Carry – Rear	kg	108 543	106 830	110 954	108 599
	lb	239,296	235,520	244,611	239,420
Loaded Machine Weight	kg	293 472	295 299	291 042	294 055
	lb	646,994	651,022	641,637	648,279
Weight Distribution at SAE Carry – Front	kg	218 037	221 680	213 492	218 382
	lb	480,689	488,720	470,669	481,450
Weight Distribution at SAE Carry – Rear	kg	75 434	73 619	77 550	75 673
	lb	166,304	162,301	170,968	166,829

*With Tire Squash.

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
POWER TRAIN			OPERATOR ENVIRONMENT		
Engine, 3516E High Displacement (HD) Mechanical Electronic Unit Injector (MEUI™-A), Air-to-Air Aftercooling (ATAAC) diesel, turbocharged/aftercooled	✓		Premium seat with heated and actively cooled leather, adjustable lumbar support, air adjustable bolsters on the seat and backrest, seat cushion tilt adjustment and two-way thigh support adjustment	✓	
Engine prelube	✓		Bonded glass, tinted	✓	
Fuel priming pump (electric)	✓		Rubber-mounted, high-impact resistant solar control glass		✓
Ground-level engine shutoff	✓		Trainer seat	✓	
Engine air intake (above hood) precleaner	✓		Trainer seat with suspension		✓
Aluminum Modular Radiator (AMR)	✓		Dual-lever lift and tilt function controls	✓	
Automatic, ether starting aid	✓		Joystick lift and tilt function controls		✓
Electronic throttle lock	✓		Implement kickouts	✓	
Impeller Clutch Torque Converter (ICTC) with Lock-Up Clutch and rimpull control system	✓		Air conditioner	✓	
Rimpull control system	✓		Cab pressure indicator	✓	
Planetary powershift, 3F/3R electronic control transmission	✓		Graphical touchscreen information display conveys real-time operating information	✓	
Oil Renewal System (ORS)* (for increased time between oil changes)		✓	Heater, defroster, auto temperature controls	✓	
Delayed engine shutdown	✓		Gauge instrumentation with configurable widgets:	✓	
Oil-cooled, multi-disc, service brakes	✓		– Status indicators		
Electro-hydraulic parking brake	✓		– Wheel rev counter		
LINKAGE			– Simplified payload		
Standard lift	✓		– Tire pressure monitoring system (optional)		
High lift		✓	– Bucket angle		
ELECTRICAL			– Coolant temperature		
Alternator	✓		– Hydraulic oil temperature		
Batteries, low maintenance	✓		– Fuel level		
10/15 amp, 24V to 12V converter	✓		– Power train oil temperature		
Disconnect switch to bumper	✓		– Engine speed (tachometer)		
LED warning lights (pattern selectable)	✓		– Transmission gear		
LED lighting system (working lights, access and service platform lights, turn signals/hazard lights)	✓		– Ground speed		
Emergency jump-start receptacle	✓		– Engine hour meter		
Starter and transmission lockout in bumper	✓				
24V starting and charging system	✓				
Electric starters	✓				

(continued on next page)

*Not available in all regions.

995 Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
OPERATOR ENVIRONMENT (continued)			SAFETY		
Powered cab precleaner	✓		Ground-access ladders	✓	
Operator presence status	✓		Powered ground-access stairs		✓
Starting/charging system malfunction	✓		Rear-vision camera	✓	
Electronic OMM	✓		Cat Detect (Rear Object Detection)		✓
Operator controls help	✓		Front frame access with steps	✓	
Bluetooth®-enabled machine security		✓	Front walkway around cab	✓	
Two USB charging ports	✓		Pump bay access ladders with T-handle and platform	✓	
CB mounting, 12V/24V power and antenna	✓		Tie-offs on ROPS and radiator guards	✓	
14-pin service port	✓		Steering frame lock	✓	
12V power	✓		Wheel chocks		✓
Selectable application profiles	✓		Stairways on both sides of the machine	✓	
Entertainment radio mute	✓		LED stairway and access lights	✓	
Push-To-Start (PTS)	✓		Toe kicks	✓	
Warning/indicator instrumentation	✓		Electric (field and shop) horns	✓	
Keypad control with indicator lights	✓		Retractable seatbelt, 76 mm (3 in) wide	✓	
Dome light in cab	✓		Trainer seat with lap belt, 76 mm (3 in) wide	✓	
Lunchbox and beverage holders	✓		Back-up alarm	✓	
Electro-hydraulic force feedback steering	✓		Secondary steering	✓	
Sun screen, pull down (front and rear)		✓	COLD WEATHER		
Vital Information Management System (VIMS™) with information display: external data port, cycle timer	✓		Cold-weather cooling fan bypass (recommended for temperatures below -29° C [-20° F])		✓
AM/FM/AUX radio		✓	Heavy-duty starter (provides an additional electric starter motor and two additional batteries for a total of three starter motors and six batteries) (recommended for temperatures below 0° C [32° F])		✓
AM/FM/AUX/USB/BT/CD/SAT radio		✓	240V engine oil and coolant heating elements (recommended in conditions from -18° C to -30° C [0° F to -22° F])		✓
Coat hook	✓		Fuel heater (heated by recirculation using engine heat and a heat exchanger) (recommended in conditions from -18° C to -30° C [0° F to -22° F])		✓
			Heated mirrors (recommended for below-freezing temperatures)		✓

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Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
MACHINE CONTROL AND GUIDANCE			SERVICE		
Cat Payload with Overload Prevention		✓	Ground-level service center including:	✓	
MineStar™ Health ready	✓		– Service center light		
MineStar GUIDE ready			– Implement and cooling fan oil level indicator		
MineStar Edge ready			– Steering and brake oil level indicator		
New Autodig Components:		✓	– Window washer solvent level indicator		
– Tire slip prevention			– Transmission oil level indicator		
– Lift stall prevention			– DEF level indicator (if equipped)		
– Tire set			– Fuel level indicator		
Operator coaching		✓	– Engine oil level indicator		
FUEL TANK			– Engine coolant level indicator		
12 hour (3240 L/856 gal)	✓		– Automatic lubrication system grease tank level indicator		
24 hour (5350 L/1,414 gal)		✓	– DEF purge indicator lamp		
COOLING			– Transmission lockout and LED		
Standard ambient package (recommended for site conditions that do not exceed 43° C [110° F])	✓		– Starter lockout and LED		
High ambient package (recommended for site conditions that do not exceed 53° C [127° F])		✓	– Heavy-duty battery disconnect switch		
RIMS AND TIRES			– Stairway light switch		
Rims – 1194 mm (47") (47 × 57) 152 mm (6") flange For use with 58/85-57 84PR L4 tires		✓	– Service lighting switch (if equipped)		
Rims – 1194 mm (47") (47 × 57) 127 mm (5") flange For use with 60/80 R57 L5R XMine D2 SR tires		✓	– Fuel shutoff engine shutdown switch		
Tires – 58/85-57 84PR L4 (require 47" rims)		✓	– Engine oil fast-fill port		
SPARE RIMS			– Transmission oil fast-fill port		
1194 mm (47") 152 mm (44 × 57) (6") flange		✓	– Steering and brake hydraulic oil fast-fill port		
1194 mm (47") 127 mm (47 × 57) (5") flange		✓	– Steering and brake hydraulic oil drain port		
			– Oil renewal system fast-fill port (if equipped)		
			– Engine coolant fast-fill port		
			– DEF fill port (HRC only)		
			– Implement and cooling fan hydraulic oil fast-fill port		
			– Implement and cooling hydraulic oil drain port		
			– Automatic lubrication system grease tank fill port		
			– 24V jump-start receptacle		
			– 240V jacket water and engine oil heater plug (if equipped)		
			– 12V power port		
			– VIMS key switch		
			– 14-pin machine data port		

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995 Standard and Optional Equipment

Standard and Optional Equipment (continued)

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

	Standard	Optional		Standard	Optional
SERVICE (continued)			SERVICE (continued)		
In-tank mounted cartridge-type case drain filters with in-line magnetic plugs on implement, cooling fan, brake and steering pumps	✓		Premixed 50% concentration of extended-life coolant with freeze protection to -34° C (-29° F)	✓	
High-pressure screens on the output side of implement, cooling fan, brake and steering pumps	✓		Rear access to cab and service platform	✓	
Pump efficiency monitoring	✓		Load-sensing steering	✓	
Automatic lubrication system greases the linkage, hitch, steering and axle trunnion bearings	✓		Supplemental steering system	✓	
Electronic pressure control of the automatic lubrication system eliminates pressure adjustment and monitors grease thickness for temperature compatibility	✓		Vandalism protection caplocks	✓	
Rock guards on linkage grease lines	✓		Cooling cleanout service package	✓	
Cat O-ring face seal couplings	✓		VIMS download and Cat Electronic Technician service port in bumper	✓	
Lockable service access doors	✓		Product Link™ satellite		✓
Ecology drains for engine, radiator, hydraulic tank, steering and brake tank, brake cooling tank and axles	✓		Product Link cellular		✓
High-speed engine oil change system	✓		Product Link (dual mode – satellite/cellular)		✓
Ground-level fast-fill fuel system	✓		Service lights (engine bay, service center)	✓	
Transmission guard	✓		Additional service lights (pump bay, front frame and bumper)		✓
Drawbar hitch with pin	✓		EH steering eliminates need for neutralizer adjustment	✓	
Cat XT™ hoses	✓		EFFICIENCY		
Left-side service center	✓		On demand throttle, HP Plus, and Enhanced ECO Modes	✓	
Oil sampling valves	✓		Variable displacement implement pumps	✓	
Automatic Autolube filling shutoff valve	✓		Variable displacement load sensing steering	✓	
Telematics and Cat Electronic Technician service port in bumper	✓		Variable displacement cooling fan pump	✓	
Air filter remaining useful life sensor	✓		Torque converter lock-up clutch	✓	
			SOUND		
			Sound-suppression package		✓

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Build Number: 12A
(Global)

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