

# 972H Wheel Loader

## Operating Specifications

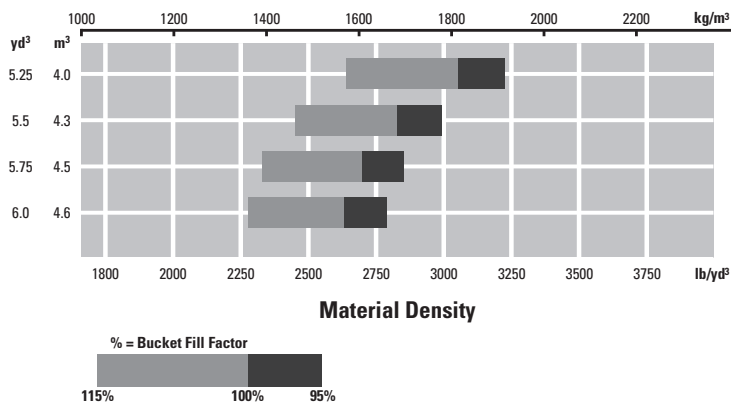
Bucket		General Purpose Buckets					
		Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Bolt-On Edges
Rated Bucket Capacity (§)	m <sup>3</sup>	3.80	4.00	4.00	4.00	4.30	4.30
	yd <sup>3</sup>	5.00	5.25	5.25	5.25	5.50	5.50
Struck Capacity (§)	m <sup>3</sup>	3.28	3.43	3.43	3.43	3.62	3.62
	yd <sup>3</sup>	4.29	4.48	4.48	4.48	4.73	4.73
Width (§)	mm	3145	3145	3059	3306	3306	3220
	ft/in	10'4"	10'4"	10'0"	10'10"	10'10"	10'7"
Dump Clearance at Full Lift and 45° Discharge (§)	mm	3157	3157	3309	3157	3157	3309
	ft/in	10'4"	10'4"	10'10"	10'4"	10'4"	10'10"
Reach at Full Lift and 45° Discharge (§)	mm	1386	1386	1246	1386	1386	1246
	ft/in	4'7"	4'7"	4'1"	4'7"	4'7"	4'1"
Reach with Lift Arm Horizontal and Bucket Level (§)	mm	3037	3037	2832	3037	3037	2832
	ft/in	10'0"	10'0"	9'4"	10'0"	10'0"	9'4"
Digging Depth (§)	mm	58	88	88	58	88	88
	in	2.28	3.46	3.46	2.28	3.46	3.46
Overall Length	mm	9289	9289	9065	9289	9289	9065
	ft/in	30'6"	30'6"	29'9"	30'6"	30'6"	29'9"
Overall Height with Bucket at Full Raise	mm	6075	6075	6075	6075	6075	6075
	ft/in	19'11"	19'11"	19'11"	19'11"	19'11"	19'11"
Loader Clearance Circle with Bucket in Carry Position (§)	mm	14 937	14 937	14 725	15 082	15 082	14 872
	ft/in	49'0"	49'0"	48'4"	49'6"	49'6"	48'9"
Static Tipping Load Straight *	kg	19 169	18 805	18 989	19 191	18 796	19 009
	lb	42,268	41,465	41,871	42,316	41,445	41,915
Static Tipping Load Full 37° Turn	kg	16 969	16 625	16 808	16 981	16 604	16 817
	lb	37,417	36,658	37,062	37,443	36,612	37,081
Breakout Force ** (§)	kN	258	241	242	258	240	242
	lb	58,050	54,225	54,450	58,050	54,000	54,450
Operating Weight * (§)	kg	25 424	25 576	25 436	25 488	25 679	25 512
	lb	56,060	56,395	56,086	56,201	56,622	56,254

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

\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L-4 Firestone tires, full fuel tank, coolants, lubricants, air conditioner, ride control, power train guard, metal roading fenders and operator.

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

### Bucket Selection Guide



# 972H Wheel Loader

Bucket		General Purpose Buckets					
		Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Bolt-On Edges
Rated Bucket Capacity (§)	m <sup>3</sup>	4.30	4.50	4.50	4.40	4.60	4.60
	yd <sup>3</sup>	5.50	5.75	5.75	5.75	6.00	6.00
Struck Capacity (§)	m <sup>3</sup>	3.67	3.82	3.82	3.85	4.00	4.00
	yd <sup>3</sup>	4.80	5.00	5.00	5.04	5.23	5.23
Width (§)	mm	3306	3306	3220	3306	3306	3220
	ft/in	10'10"	10'10"	10'7"	10'10"	10'10"	10'7"
Dump Clearance at Full Lift and 45° Discharge (§)	mm	3115	3115	3268	3100	3100	3252
	ft/in	10'3"	10'3"	10'9"	10'2"	10'2"	10'8"
Reach at Full Lift and 45° Discharge (§)	mm	1413	1413	1274	1431	1431	1291
	ft/in	4'8"	4'8"	4'2"	4'8"	4'8"	4'3"
Reach with Lift Arm Horizontal and Bucket Level (§)	mm	3087	3087	2882	3109	3109	2904
	ft/in	10'2"	10'2"	9'5"	10'2"	10'2"	9'6"
Digging Depth (§)	mm	58	88	88	67	97	97
	in	2.28	3.46	3.46	2.64	3.82	3.82
Overall Length	mm	9339	9339	9115	9368	9368	9144
	ft/in	30'8"	30'8"	29'11"	30'9"	30'9"	30'0"
Overall Height with Bucket at Full Raise	mm	6122	6122	6122	6015	6015	6015
	ft/in	20'1"	20'1"	20'1"	19'9"	19'9"	19'9"
Loader Clearance Circle with Bucket in Carry Position (§)	mm	15 110	15 110	14 899	15 130	15 130	14 919
	ft/in	49'7"	49'7"	48'11"	49'8"	49'8"	48'11"
Static Tipping Load Straight *	kg	18 965	18 569	18 781	19 258	18 854	19 067
	lb	41,818	40,945	41,412	42,464	41,573	42,043
Static Tipping Load Full 37° Turn	kg	16 774	16 396	16 608	17 076	16 691	16 903
	lb	36,987	36,153	36,621	37,653	36,804	37,271
Breakout Force ** (§)	kN	247	231	232	244	229	230
	lb	55,575	51,975	52,200	54,900	51,525	51,750
Operating Weight * (§)	kg	25 542	25 733	25 566	25 124	25 315	25 148
	lb	56,320	56,741	56,373	55,398	55,820	55,451

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\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L-4 Firestone tires, full fuel tank, coolants, lubricants, air conditioner, ride control, power train guard, metal roading fenders and operator.

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

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## Operating Specifications

Bucket		Material Handling Buckets					
		Teeth	Teeth and Segments	Bolt-On Edges	Teeth	Teeth and Segments	Bolt-On Edges
Rated Bucket Capacity (§)	m <sup>3</sup>	4.00	4.30	4.30	4.50	4.70	4.70
	yd <sup>3</sup>	5.25	5.50	5.50	5.75	6.00	6.00
Struck Capacity (§)	m <sup>3</sup>	3.51	3.66	3.66	3.88	4.03	4.03
	yd <sup>3</sup>	4.59	4.78	4.78	5.07	5.27	5.27
Width (§)	mm	3306	3306	3220	3306	3306	3220
	ft/in	10'10"	10'10"	10'7"	10'10"	10'10"	10'7"
Dump Clearance at Full Lift and 45° Discharge (§)	mm	3065	3065	3228	3001	3001	3164
	ft/in	10'1"	10'1"	10'7"	9'10"	9'10"	10'5"
Reach at Full Lift and 45° Discharge (§)	mm	1284	1284	1157	1348	1348	1221
	ft/in	4'3"	4'3"	3'10"	4'5"	4'5"	4'0"
Reach with Lift Arm Horizontal and Bucket Level (§)	mm	3052	3052	2847	3142	3142	2937
	ft/in	10'0"	10'0"	9'4"	10'4"	10'4"	9'8"
Digging Depth (§)	mm	58	88	88	58	88	88
	in	2.28	3.46	3.46	2.28	3.46	3.46
Overall Length	mm	9304	9304	9080	9394	9394	9170
	ft/in	30'6"	30'6"	29'9"	30'10"	30'10"	30'1"
Overall Height with Bucket at Full Raise	mm	6071	6071	6071	6155	6155	6155
	ft/in	19'11"	19'11"	19'11"	20'2"	20'2"	20'2"
Loader Clearance Circle with Bucket in Carry Position (§)	mm	15 091	15 091	14 880	15 141	15 141	14 929
	ft/in	49'6"	49'6"	48'10"	49'8"	49'8"	49'0"
Static Tipping Load Straight *	kg	18 862	18 467	18 676	18 611	18 216	18 430
	lb	41,591	40,720	41,181	41,037	40,166	40,638
Static Tipping Load Full 37° Turn	kg	16 684	16 306	16 515	16 446	16 069	16 283
	lb	36,788	35,955	36,416	36,263	35,432	35,904
Breakout Force ** (§)	kN	254	237	239	236	221	223
	lb	57,150	53,325	53,775	53,100	49,725	50,175
Operating Weight * (§)	kg	25 535	25 726	25 559	25 646	25 837	25 670
	lb	56,305	56,726	56,358	56,549	56,971	56,602

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\* Static tipping loads and operating weights shown are based on standard machine configuration with 26.5R25 L-4 Firestone tires, full fuel tank, coolants, lubricants, air conditioner, ride control, power train guard, metal roading fenders and operator.

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

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		General Purpose Quick Coupler Buckets			Rock Bucket	Heavy-Duty Rock Bucket	Waste Bucket	High Lift Change in Specs
		Teeth	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Teeth and Segments	Bolt-On Edges	
Rated Bucket Capacity (§)	m <sup>3</sup>	3.95	4.15	4.15	4.00	4.00	6.50	
	yd <sup>3</sup>	5.25	5.50	5.50	5.25	5.25	8.50	
Struck Capacity (§)	m <sup>3</sup>	3.43	3.60	3.60	3.45	3.45	5.60	
	yd <sup>3</sup>	4.49	4.71	4.71	4.52	4.52	7.28	
Width (§)	mm	3306	3306	3220	3270	3270	3355	
	ft/in	10'10"	10'10"	10'7"	10'9"	10'9"	11'0"	
Dump Clearance at Full Lift and 45° Discharge (§)	mm	3068	3068	3219	3075	3075	3212	335.75
	ft/in	10'1"	10'1"	10'7"	10'1"	10'1"	10'6"	1'1"
Reach at Full Lift and 45° Discharge (§)	mm	1474	1474	1335	1603	1603	1138	23.16
	ft/in	4'10"	4'10"	4'5"	5'3"	5'3"	3'9"	1"
Reach with Lift Arm Horizontal and Bucket Level (§)	mm	3163	3163	2958	3244	3244	2845	309
	ft/in	10'5"	10'5"	9'8"	10'8"	10'8"	9'4"	1'0"
Digging Depth (§)	mm	67	94	94	98	98	113	-4.54
	in	2.64	3.70	3.70	3.86	3.86	4.45	-0.1"
Overall Length	mm	9419	9419	9196	9488	9488	9096	334.79
	ft/in	30'11"	30'11"	30'2"	31'2"	31'2"	29'10"	1'1"
Overall Height with Bucket at Full Raise	mm	6035	6035	6035	6067	6394	6722	335.75
	ft/in	19'10"	19'10"	19'10"	19'11"	21'0"	22'1"	1'1"
Loader Clearance Circle with Bucket in Carry Position (§)	mm	15 158	15 158	14 946	15 159	15 159	15 022	330.32
	ft/in	49'9"	49'9"	49'0"	49'9"	49'9"	49'3"	1'1"
Static Tipping Load Straight *	kg	18 387	17 996	18 221	18 618	18 483	19 458	-1802
	lb	40,543	39,681	40,177	41,053	40,755	42,905	-3,973
Static Tipping Load Full 37° Turn	kg	16 256	15 883	16 107	16 415	16 281	17 153	-1643
	lb	35,844	35,022	35,516	36,195	35,900	37,822	-3,623
Breakout Force ** (§)	kN	229	214	216	214	213	236	-7
	lb	51,525	48,150	48,600	48,150	47,925	53,100	-1,654
Operating Weight * (§)	kg	25 412	25 603	25 436	25 901	26 075	26 051	74
	lb	56,033	56,455	56,086	57,112	57,495	57,442	163

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

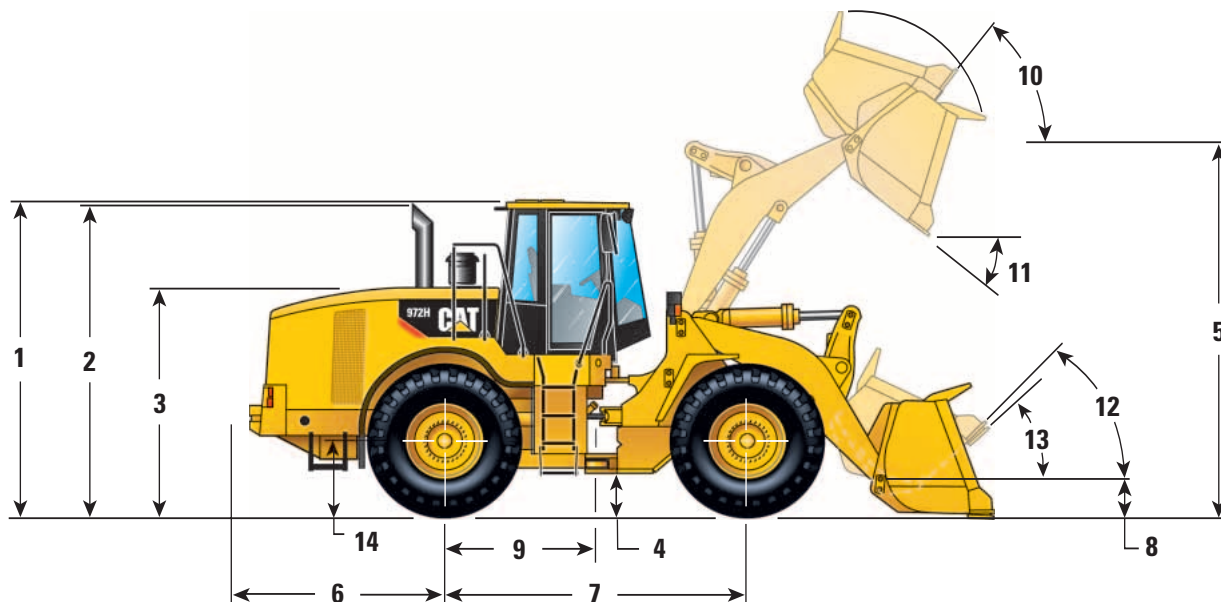
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\*\* Measured 102 mm (4.0") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

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## Dimensions

All dimensions are approximate.



1	Height to top of ROPS	3606 mm (11'10")
2	Height to top of exhaust pipe	3557 mm (11'8")
3	Height to top of hood	2683 mm (8'10")
4	Ground clearance with 26.5R25 L-4 Firestone (see Tire Options chart for other tires)	496 mm (1'8")
5	B-Pin height	4466 mm (14'8")
6	Center line of rear axle to edge of counterweight	2461 mm (8'1")
7	Wheelbase	3450 mm (11'4")
8	B-Pin height @ carry	507 mm (1'8")
9	Center line of rear axle to hitch	1725 mm (5'8")
10	Rack back @ maximum lift	55°
11	Dump angle @ maximum lift	51.6°
12	Rack back @ carry	46.5°
13	Rack back @ ground	41.1°
14	Height to center line of axle	815 mm (2'8")

## Tire Dimensions/Specifications

	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	inches	mm	inches	kg	lb	kg	lb
26.5R25 GP2B GY L2 Radial	3012	119	-20	-0.8	-82	-181	-57	-126
26.5R25 VMT BS L3 Radial	3015	119	-30	-1.2	48	106	-41	-90
26.5R25 RT3B GY L3 Radial	3017	119	-20	-0.8	-24	-53	-16	-35
26.5R25 XHA MX L3 Radial	3017	119	-20	-0.8	-34	-75	-24	-53
26.5R25 VSDL BS L5 Radial	2956	116	0	0.0	1214	2,677	847	1,868
750/65R25 MX L3 Radial Low Profile	3076	121	-20	-0.8	-262	-578	-64	-141
26.5-25 20 PR SRG FS L3 Bias	2992	118	-44	-1.7	-358	-789	-478	-1,054
26.5-25 20 PR SHRL GY L3 Bias	2974	117	-20	-0.8	7	15	-131	-289
26.5-25 SRG DT FS LDL4 Bias	3002	118	0	0.0	0	0	0	0

**NOTE:** Tread width for 26.5-25 is 2230 mm (7'4")