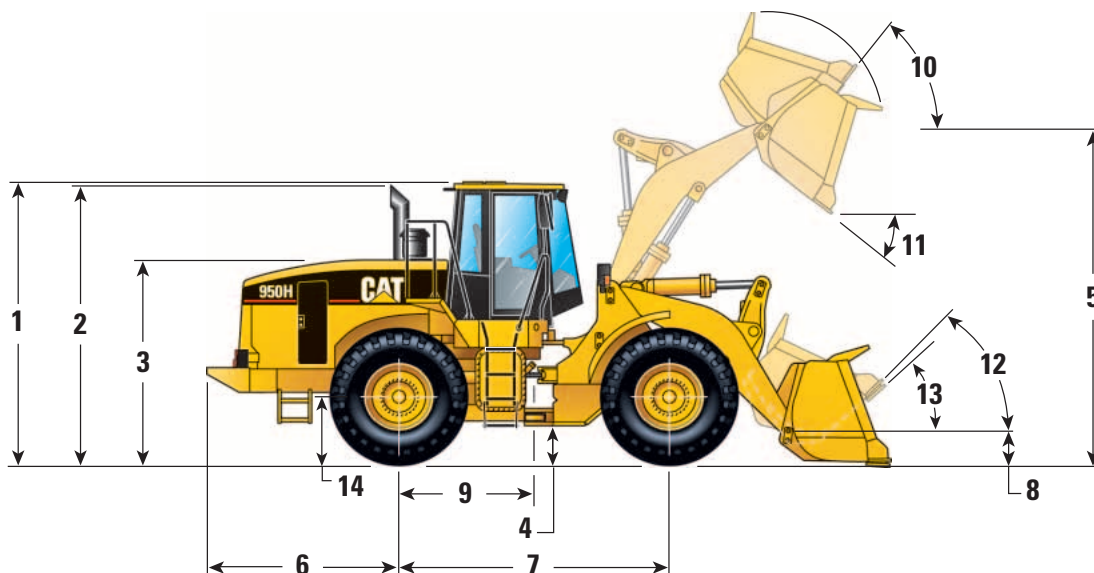


950H Wheel Loader

Dimensions

All dimensions are approximate.



1	Height to top of ROPS	3452 mm	11'4"
2	Height to top of exhaust pipe	3369 mm	11'1"
3	Height to top of hood	2462 mm	8'1"
4	Ground clearance with 23.5R25 (see Tire Options chart for other tires)	412 mm	1'4"
5	B-Pin height – standard	3992 mm	13'1"
	B-Pin height – high lift	4490 mm	14'9"
6	Center line of rear axle to edge of counterweight	1955 mm	6'5"

7	Wheelbase	3350 mm	11'0"
8	B-Pin height @ carry – standard	455 mm	1'6"
	B-Pin height @ carry – high lift	591 mm	1'11"
9	Center line of rear axle to hitch	1675 mm	5'6"
10	Rack back @ maximum lift	59.5°	
11	Dump angle @ maximum lift	48.2°	
12	Rack back @ carry	45°	
13	Rack back @ ground	38.5°	
14	Height to center line of axle	748 mm	2'5"

Tires

Tread width for 23.5-25 is 2140 mm (7'0")

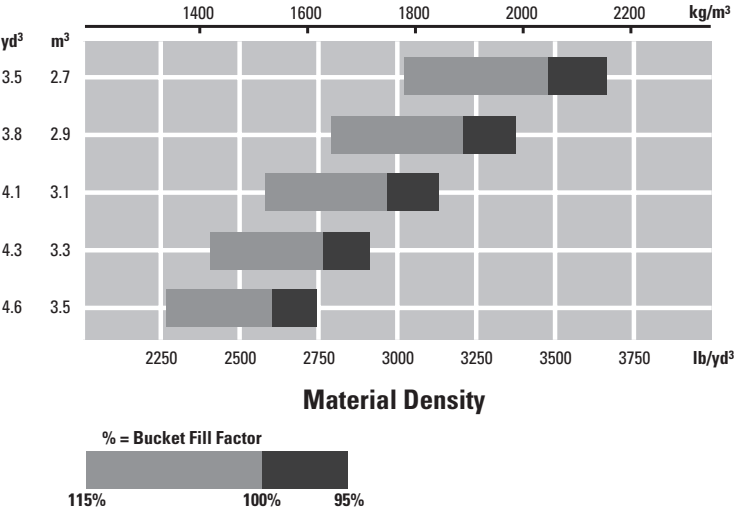
	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	inches	mm	inches	kg	lb	kg	lb
23.5R25 VSW BS L2 Radial	2862	113	6	0.2	20	44	14	31
23.5R25 VUT D2A BS L2 Radial	2866	113	10	0.4	-41	-90	-29	-64
23.5R25 XTLA MX L2 Radial	2801	110	7	0.3	-112	-247	-79	-174
23.5R25 VMT BS L3 Radial	2851	112	3	0.1	124	273	88	194
23.5R25 XHA MX L3 Radial	2784	110	0	0.0	0	0	0	0
23.5R25 XMINE MX L5 Radial	2807	111	26	1.0	872	1,923	619	1,365
750/65R25 XLD MX L3 Radial	2879	113	7	0.3	460	1,014	326	719
23.5-25 SGGL FS L2 Bias	2834	112	14	0.6	-472	-1,041	-335	-739

950H Wheel Loader

Operation Specifications

		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	2.50	2.70	2.70	2.70	2.90	2.90	2.90	3.10	3.10
	yd³	3.25	3.50	3.50	3.50	3.75	3.75	3.75	4.00	4.00
Struck capacity (§)	m³	2.11	2.26	2.26	2.30	2.45	2.45	2.49	2.65	2.65
	yd³	2.76	2.96	2.96	3.00	3.20	3.20	3.26	3.47	3.47
Width (§)	mm	2994	2994	2927	2994	2994	2927	2994	2994	2927
	ft/in	9'10"	9'10"	9'7"	9'10"	9'10"	9'7"	9'10"	9'10"	9'7"
Dump clearance at full lift and 45° discharge (§)	mm	2873	2873	2974	2824	2824	2926	2819	2819	2922
	ft/in	9'5"	9'5"	9'9"	9'3"	9'3"	9'7"	9'3"	9'3"	9'7"
Reach at full lift and 45° discharge (§)	mm	1282	1282	1182	1315	1315	1215	1300	1300	1202
	ft/in	4'2"	4'2"	3'11"	4'4"	4'4"	4'0"	4'3"	4'3"	3'11"
Reach with lift arm horizontal and bucket level (§)	mm	2575	2575	2433	2635	2635	2493	2630	2630	2488
	ft/in	8'5"	8'5"	8'0"	8'8"	8'8"	8'2"	8'8"	8'8"	8'2"
Digging depth (§)	mm	62	92	92	62	92	92	62	92	92
	in	2.44	3.62	3.62	2.44	3.62	3.62	2.44	3.62	3.62
Overall length	mm	8086	8086	7933	8146	8146	7993	8141	8141	7988
	ft/in	26'6"	26'6"	26'0"	26'9"	26'9"	26'3"	26'9"	26'9"	26'2"
Overall height with bucket at full raise	mm	5329	5329	5329	5386	5386	5386	5443	5443	5443
	ft/in	17'6"	17'6"	17'6"	17'8"	17'8"	17'8"	17'10"	17'10"	17'10"
Loader clearance circle radius with bucket in carry position (§)	mm	7075	7075	7002	7090	7090	7017	7089	7089	7016
	ft/in	23'3"	23'3"	23'0"	23'3"	23'3"	23'0"	23'3"	23'3"	23'0"
Static tipping load straight*	kg	12 883	12 587	12 700	12 760	12 468	12 581	12 639	12 351	12 464
	lb	28,407	27,754	28,004	28,136	27,492	27,741	27,869	27,234	27,483
Static tipping load full 37° turn	kg	11 302	11 024	11 136	11 186	10 911	11 024	11 073	10 802	10 915
	lb	24,921	24,308	24,555	24,665	24,059	24,308	24,416	23,818	24,068
Breakout force** (§)	kN	191.0	173.0	174.0	180.0	164.0	165.0	180.0	164.0	165.0
	lb	42,975	38,925	39,150	40,500	36,900	37,125	40,500	36,900	37,125
Operating weight* (§)	kg	18 182	18 339	18 232	18 236	18 393	18 286	18 288	18 445	18 338
	lb	40,091	40,438	40,202	40,210	40,557	40,321	40,325	40,671	40,435

Bucket Selection Guide



950H Wheel Loader

						General Purpose Quick Coupler Buckets		
Teeth	Teeth and segments	Bolt-on edges	Teeth	Teeth and segments	Bolt-on edges	Teeth	Teeth and segments	Bolt-on edges
3.10 4.00	3.30 4.25	3.30 4.25	3.30 4.25	3.50 4.50	3.50 4.50	2.90 3.75	3.10 4.00	3.10 4.00
2.66 3.48	2.82 3.69	2.82 3.69	2.81 3.68	2.98 3.90	2.98 3.90	2.50 3.25	2.70 3.50	2.70 3.50
2994 9'10"	2994 9'10"	2927 9'7"	2896 9'6"	2946 9'8"	2946 9'8"	2896 9'6"	2896 9'6"	2896 9'6"
2814 9'3"	2814 9'3"	2917 9'7"	2708 8'11"	2708 8'11"	2812 9'3"	2680 8'10"	2680 8'10"	2784 9'2"
1292 4'3"	1292 4'3"	1195 3'11"	1406 4'7"	1406 4'7"	1308 4'3"	1456 4'9"	1456 4'9"	1357 4'5"
2630 8'8"	2630 8'8"	2488 8'2"	2786 9'2"	2786 9'2"	2643 8'8"	2839 9'4"	2839 9'4"	2697 8'10"
62 2.44	92 3.62	92 3.62	62 2.44	92 3.62	92 3.62	62 2.44	92 3.62	92 3.62
8141 26'9"	8141 26'9"	7988 26'2"	8297 27'3"	8297 27'3"	8143 26'9"	8330 27'4"	8330 27'4"	8176 26'10"
5491 18'0"	5491 18'0"	5491 18'0"	5379 17'8"	5379 17'8"	5379 17'8"	5398 17'9"	5398 17'9"	5398 17'9"
7089 23'3"	7089 23'3"	7016 23'0"	7086 23'3"	7109 23'4"	7066 23'2"	7100 23'4"	7100 23'4"	7056 23'2"
12 523 27,613	12 240 26,989	12 354 27,241	12 386 27,311	12 378 27,293	12 347 27,225	12 104 26,689	11 820 26,063	11 927 26,299
10 962 24,171	10 696 23,585	10 810 23,836	10 850 23,924	10 822 23,863	10 810 23,836	10 586 23,342	10 321 22,758	10 428 22,994
179.0 40,275	163.0 36,675	164.0 36,900	159.0 35,775	146.0 32,850	147.0 33,075	151.0 33,975	140.0 31,500	140.0 31,500
18 353 40,468	18 510 40,815	18 403 40,579	18 393 40,557	18 550 40,903	18 441 40,662	18 540 40,881	18 697 41,227	18 589 40,989

950H Wheel Loader

Operation Specifications

		Material Handling 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	2.90	3.10	3.10	3.10	3.30	3.30	3.30	3.50	3.50
	yd³	3.75	4.00	4.00	4.00	4.25	4.25	4.25	4.50	4.50
Struck capacity (§)	m³	2.50	2.66	2.66	2.67	2.83	2.83	2.84	3.00	3.00
	yd³	3.25	3.48	3.48	3.49	3.70	3.70	3.71	3.92	3.92
Width (§)	mm	2994	2994	2927	2994	2994	2927	2994	2994	2927
	ft/in	9'10"	9'10"	9'7"	9'10"	9'10"	9'7"	9'10"	9'10"	9'7"
Dump clearance at full lift and 45° discharge (§)	mm	2760	2760	2870	2725	2725	2835	2690	2690	2800
	ft/in	9'1"	9'1"	9'5"	8'11"	8'11"	9'4"	8'10"	8'10"	9'2"
Reach at full lift and 45° discharge (§)	mm	1214	1214	1123	1249	1249	1158	1284	1284	1194
	ft/in	4'0"	4'0"	3'8"	4'1"	4'1"	3'10"	4'3"	4'3"	3'11"
Reach with lift arm horizontal and bucket level (§)	mm	2630	2630	2488	2680	2680	2538	2730	2730	2588
	ft/in	8'8"	8'8"	8'2"	8'10"	8'10"	8'4"	8'11"	8'11"	8'6"
Digging depth (§)	mm	62	92	92	62	92	92	62	92	92
	in	2.44	3.62	3.62	2.44	3.62	3.62	2.44	3.62	3.62
Overall length	mm	8121	8121	7968	8171	8171	8018	8221	8221	8068
	ft/in	26'8"	26'8"	26'2"	26'10"	26'10"	26'4"	27'0"	27'0"	26'6"
Overall height with bucket at full raise	mm	5391	5391	5391	5436	5436	5436	5482	5482	5482
	ft/in	17'8"	17'8"	17'8"	17'10"	17'10"	17'10"	18'0"	18'0"	18'0"
Loader clearance circle radius with bucket in carry position (§)	mm	7089	7089	7016	7102	7102	7029	7116	7116	7042
	ft/in	23'3"	23'3"	23'0"	23'4"	23'4"	23'1"	23'4"	23'4"	23'1"
Static tipping load straight*	kg	12 982	12 684	12 798	12 875	12 580	12 694	12 767	12 611	12 590
	lb	28,625	27,968	28,220	28,389	27,739	27,990	28,151	27,807	27,761
Static tipping load full 37° turn	kg	11 388	11 107	11 222	11 288	11 010	11 124	11 187	11 031	11 027
	lb	25,111	24,491	24,745	24,890	24,277	24,528	24,667	24,323	24,315
Breakout force** (§)	kN	181.0	164.0	165.0	172.0	157.0	158.0	164.0	150.0	151.0
	lb	40,725	36,900	37,125	38,700	35,325	35,550	36,900	33,750	33,975
Operating weight* (§)	kg	18 176	18 333	18 226	18 217	18 374	18 267	18 259	18 416	18 309
	lb	40,078	40,424	40,188	40,168	40,515	40,279	40,261	40,607	40,371

950H Wheel Loader

Rock Buckets		Waste/ Coal Bucket	High Lift
Bolt-on edges	Bottom strap teeth	Bolt-on edges	Change in specs
2.90 3.75	2.90 3.75	5.20 6.75	
2.45 3.20	2.44 3.19	4.62 6.04	
2984 9'9"	2969 9'9"	3073 10'1"	
2871 9'5"	2712 8'11"	2716 8'11"	494 1'7"
1297 4'3"	1425 4'8"	1278 4'2"	67 0'3"
2588 8'6"	2789 9'2"	2707 8'11"	406 1'4"
92 3.62	62 2.44	92 3.62	23 0'1"
8068 26'6"	8300 27'3"	8187 26'10"	503 1'8"
5391 17'8"	5391 17'8"	6005 19'8"	495 1'7"
7068 23'2"	7130 23'5"	7141 23'5"	186 0'7"
12 472 27,501	12 609 27,803	12 356 27,245	-2094 -4,617
10 894 24,021	11 027 24,315	10 713 23,622	-1949 -4,298
151.0 33,975	159.0 35,775	135.0 30,375	-10.0 -2,250
18 540 40,881	18 457 40,698	19 213 42,365	1268 2,796

* Static tipping loads and operating weights shown are based on standard machine configuration with 23.5R25 tires, full fuel tank, coolants, lubricants, air conditioner, ride control and operator.

** Measured 102 mm (4.0") 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 Standard J732C governing loader ratings.