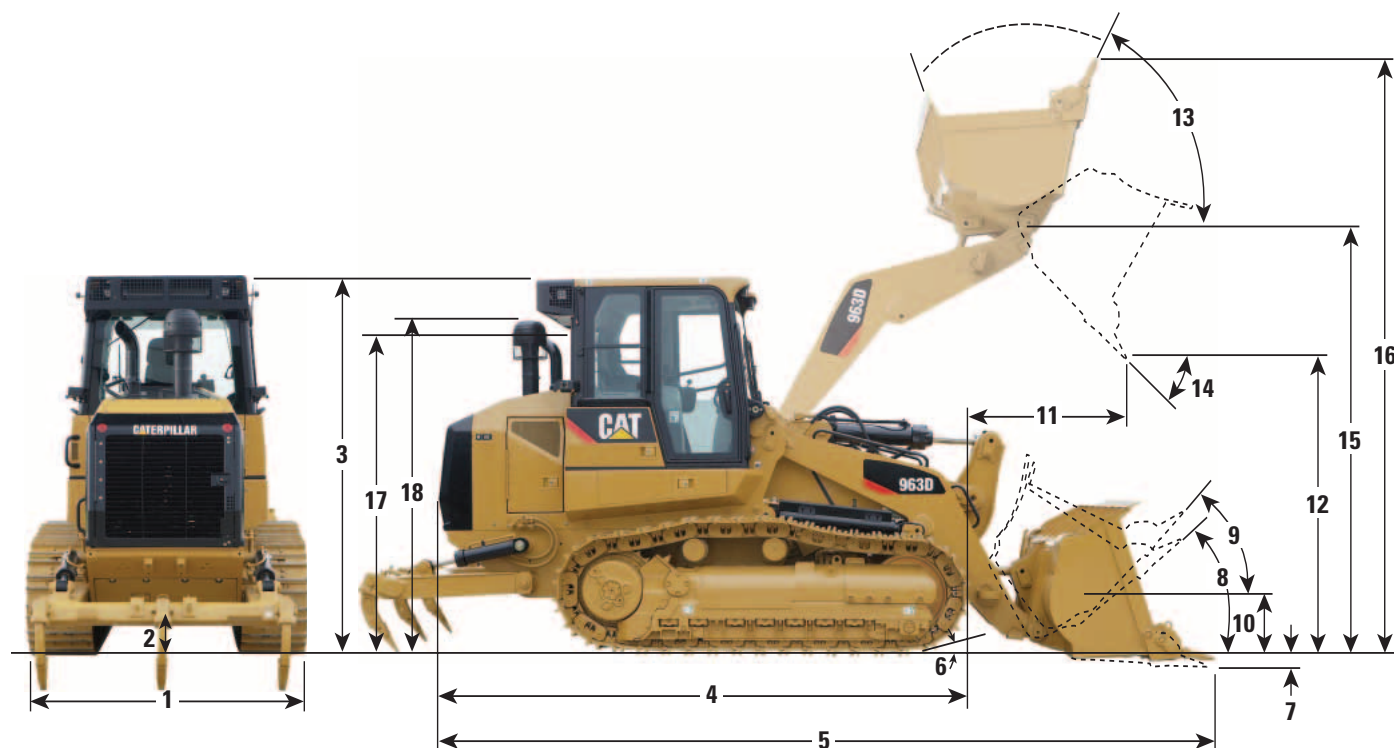


963D Track Loader

Dimensions

All dimensions are subject to change without notice.



1	Overall machine width without bucket: with standard tracks – 550 mm (21.6 in) shoes with narrow tracks – 450 mm (17.7 in) shoes	2280 mm (89.7 in) 2180 mm (85.8 in)
2	Ground clearance	471 mm (18.5 in)
3	Machine height to top of cab	3335 mm (131.3 in)
4	Length to front of track	4749 mm (187 in)
5	Overall machine length*	6941 mm (273.3 in)
6	Carry position approach angle	15°
7	Digging depth*	138 mm (5.4 in)
8	Maximum rollback at ground	43°
9	Maximum rollback at carry position	50°
10	Bucket height in carry position	457 mm (18 in)
11	Reach at full lift height and 45° dump*	1373 mm (54 in)
12	Clearance at full lift height and 45° dump*	2915 mm (114.8 in)
13	Maximum rollback, fully raised	52°
14	Maximum dump, fully raised Grading angle	53° 63°
15	Height to bucket hinge pin	3940 mm (155.1 in)
16	Overall machine height, bucket fully raised	5402 mm (212.7 in)
17	Height to top of seat with headrest	2790 mm (109.8 in)
18	Height to top of stack	2953 mm (116.3 in)

* With general purpose bucket and extra duty teeth.

Dimensions vary with bucket. Refer to Operating Specifications chart.

953D Track Loader

Operating Specifications

		General purpose bucket			Multi purpose bucket			Flush mounted teeth
Attachments on bucket cutting edge		None	Long teeth & segments	Bolt-on edge	None	Long teeth & segments	Bolt-on edge	Long teeth
Bucket weight	kg lb	1508 3,324.5	1866 4,113.8	1721 3,794.1	1942 4,281.3	2236 4,929.5	2155 4,750.9	1619 3,569.2
Rated load nominal heaped §	kg lb	3958 8,721.4	4214 9,290.2	4214 9,290.2	3216 7,090	3388 7,469.2	3440 7,583.8	4214 9,290.2
Rated capacity nominal heaped	m³ yd³	2.3 3	2.45 3.2	2.45 3.2	1.9 2.4	2 2.6	2 2.6	2.45 3.2
Struck capacity	m³ yd³	2 2.61	2.14 2.79	2.14 2.79	1.6 2.09	1.7 2.22	1.7 2.22	2 2.61
Bucket width overall * #	mm in	2508 98.7	2612 102.8	2539 99.9	2482 97.7	2575 101.3	2515 99	2583 101.6
Teeth		none	8 bolt-on with replaceable tips	none	none	8 bolt-on with replaceable tips	none	8 bolt-on with replaceable tips
Dimensions and weights								
Overall height	mm in	3335 131.3	3335 131.3	3335 131.3	3335 131.3	3335 131.3	3335 131.3	3335 131.3
Overall operating height *	mm in	5402 212.6	5402 212.6	5402 212.6	5308 208.9	5308 208.9	5308 208.9	5402 212.6
Clearance at 45° dump max lift *	mm in	3155 124.2	2915 114.7	3068 120.7	3000 118.1	2772 109.1	2909 114.5	2951 116.1
Reach at 45° dump max lift *	mm in	1160 45.7	1373 54.1	1215 47.8	1079 42.5	1253 49.3	1119 44	1397 55
Reach at 45° dump 2133 mm (84 in) clearance *	mm in	1784 70.2	1899 74.8	1806 71.1	1598 62.9	1650 65	1607 63.3	1940 76.4
Bottom dump clearance at 45° dump max lift	mm in	—	—	—	3450 135.8	3450 135.8	3450 135.8	—
Bottom dump reach at 45° dump max lift	mm in	—	—	—	627 24.7	627 24.7	627 24.7	—
Reach with lift arm horizontal and bucket level	mm in	2289 90.1	2604 102.5	2386 93.9	2346 92.4	2622 103.2	2447 96.4	2601 102.4
Overall length – bucket level on ground *	mm in	6584 258.2	6941 273.3	6706 264	6698 263.7	7013 276.1	6820 268.5	6907 271.9
Digging depth *	mm in	80 3.1	138 5.4	115 4.5	161 6.3	209 8.2	191 7.5	95 3.7
Full dump at max lift *	Deg	53	53	53	43	43	43	53
Carry height *	mm in	457 18	457 18	457 18	540 21.6	540 21.6	540 21.6	457 18
Rackback at carry *	Deg	50	50	50	52	52	52	50
Rackback at ground *	Deg	43	43	43	45	45	45	43
Grading angle max *	Deg	63	63	63	63	63	63	63
Static tipping load min * ***	kg lb	14 969 33,001	14 462 31,883.1	14 685 32,375	14 487 31,938.3	14 124 31,138	14 208 31,323.3	14 815 32,661.5
Breakout with tilt cylinders level at ground *	N lbf	208 658 46,908	203 868 45,831	206 184 46,352	193 265 43,447	189 538 42,609	190 769 42,886	207 438 46,634
Lift capacity to full lift – bucket racked *	kg lb	8803 19,407	8479 18,693	8609 18,979.57	8382 18,479	8152 17,972	8203 18,084.5	8703 19,186.8
Lift capacity at ground line – bucket racked *	kg lb	18 574 40,948.6	18 655 41,127	19 031 41,956	18 559 40,915.5	17 888 39,436.2	18 082 39,863.9	19 300 42,549
Shipping weight without bucket **	kg lb	18 330 40,410.7	18 330 40,410.7	18 330 40,410.7	18 385 40,532	18 385 40,532	18 385 40,532	18 330 40,410.7
Operating weight with bucket ***	kg lb	20 220 44,577.4	20 592 45,397.5	20 433 45,047	20 710 45,657.7	20 975 46,241.9	20 911 46,100.8	20 332 44,824.3

* SAE J732 JUN92

** With 10% fuel. All other fluid compartments full. No operator, no bucket pins.

*** Full fuel, 75 kg (165 lb) operator, standard machine.

Width at cutting edge

§ Calculation based on 1602 kg/m³ (2,700 lb/yd³) of loose dirt.