

# 953C Track Loader

## Operating Specifications

		General purpose bucket				Multi-purpose bucket		
		Bare	Bolt-on teeth & segments	Bolt-on cutting edge	Flush mounted, weld-on adapters & tips	Bare	Bolt-on teeth & segments	Bolt-on cutting edge
Rated bucket capacity † (Nominal heaped)	m <sup>3</sup>	1.75	1.85	1.85	1.75	1.50	1.60	1.60
	yd <sup>3</sup>	2.29	2.42	2.42	2.29	1.96	2.09	2.09
Struck capacity †	m <sup>3</sup>	1.45	1.55	1.55	1.45	1.25	1.35	1.35
	yd <sup>3</sup>	1.90	2.03	2.03	1.90	1.63	1.77	1.77
Bucket width – overall	mm	2380	2432	2397	2438	2378	2430	2395
	in	93.7	95.7	94.4	96.0	93.6	95.7	94.3
Bucket weight	kg	951	1175	1101	1052	1413	1637	1563
	lb	2097	2590	2427	2370	3115	3609	3446
Dump clearance at full lift and 45° discharge †	mm	2903	2749	2857	2748	2728	2556	2677
	in	114.3	108.2	112.5	108.2	107.4	100.6	105.4
Reach at 45° discharge angle and 2133 mm (84 in) clearance †	mm	1518	1607	1529	1633	1404	—	—
	in	59.8	63.3	60.2	64.3	55.3	—	—
Reach at full lift and 45° discharge	mm	974	1162	1030	1165	949	1121	1000
	in	38.3	45.7	40.6	45.9	37.4	44.1	39.4
Digging depth †	mm	96	131	121	96	147	181	171
	in	3.78	5.16	4.76	3.78	5.79	7.13	6.73
Maximum rollback at ground	Deg	41°	41°	41°	41°	42°	42°	42°
Maximum rollback at carry position	Deg	48°	48°	48°	48°	50°	50°	50°
Bucket height in carry position	mm	422	422	422	422	—	—	—
	in	16.61	16.61	16.61	16.61	—	—	—
Overall machine length Bucket level on ground	mm	5879	6122	5951	6125	6036	6279	6108
	in	231.5	241.0	234.3	241.1	237.6	247.2	240.5
Overall machine height with bucket at full raise	mm	4871	4871	4871	4871	4862	4862	4862
	in	191.8	191.8	191.8	191.8	191.4	191.4	191.4
Static tipping load	kg	10 689	10 395	10 492	10 556	10 265	9956	10 097
	lb	23,565	22,917	23,131	23,272	22,630	21,949	22,260
Breakout force – with tilt cylinders Bucket level at ground	kN	136.3	122.7	123.5	138.1	107.1	97.4	97.9
	lb	30,641	27,584	27,764	31,046	24,077	21,896	22,009
Operating weight*	kg	14 921	15 145	15 071	15 022	15 463	15 687	15 613
	lb	32,895	33,389	33,226	33,118	34,090	34,584	34,421

\* Includes coolant, lubricants, full fuel tank, ROPS cab, bucket and 75 kg/165 lb operator.

† Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers. SAE Standard J732 JUN92 and SAE Standard J742 FEB85 govern loader ratings.

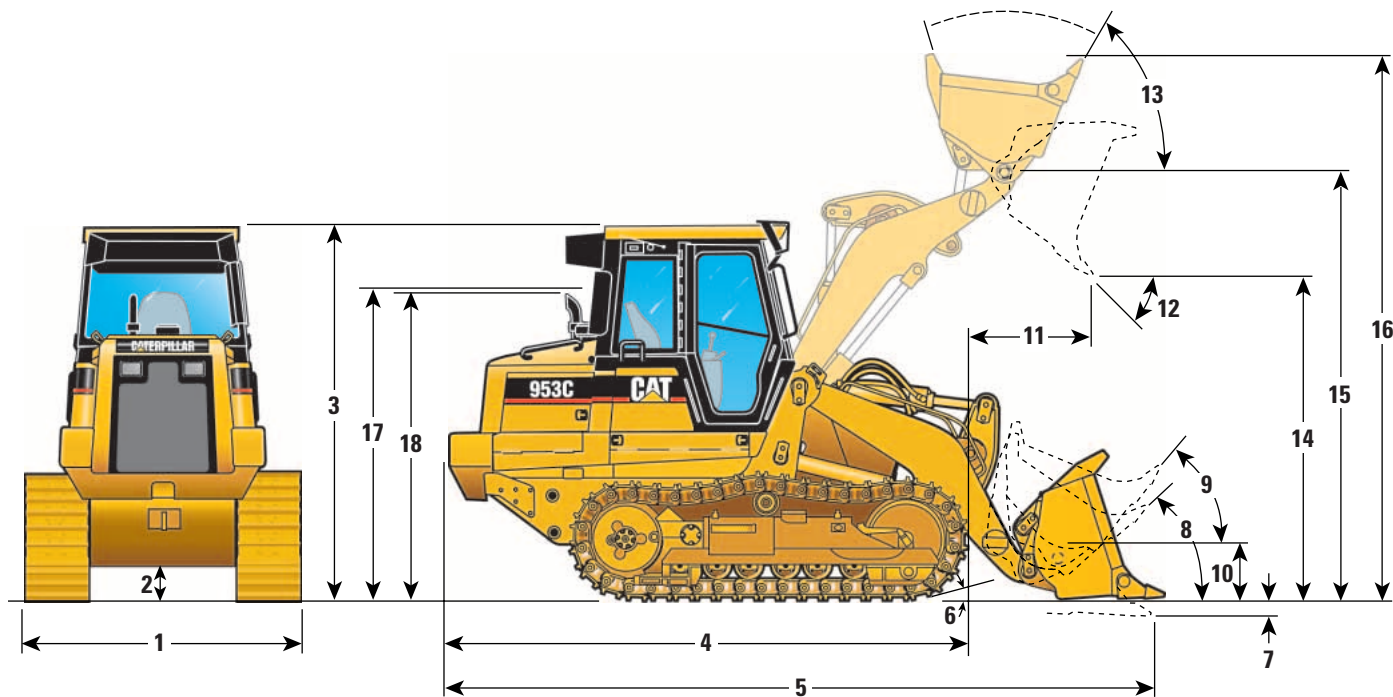
	Change In Operating Weight	Change In Static Tipping Load
ROPS canopy only (cab removed)	-350 kg    -551 lb	-332 kg    -732 lb
Ripper with 3 shanks (bumper removed)	+376 kg    +829 lb	+655 kg    +1444 lb
Rear bumper (removal)	-207 kg    -456 lb	-423 kg    -932 lb

**NOTE:** Machine stability can be affected by the addition of other attachments. Add or subtract to/from machine operating weight and static tipping load.

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## Dimensions

All dimensions are subject to change without notice.



<b>1</b>	Overall machine width without bucket: with standard tracks – 500 mm (19.7 in shoes) with narrow tracks – 380 mm (14.9 in shoes)	2300 mm (90.5 in) 2060 mm (81.1 in)
<b>2</b>	Ground clearance from face of shoe	400 mm (15.7 in)
	Grading angle	74°
<b>3</b>	Machine height to top of cab	3150 mm (124 in)
<b>4</b>	Length to front of track	4350 mm (171.3 in)
<b>5</b>	Overall machine length	◆
<b>6</b>	Carry position approach angle	15°
<b>7</b>	Digging depth	◆
<b>8</b>	Maximum rollback at ground	◆
<b>9</b>	Maximum rollback at carry position	◆
<b>10</b>	Bucket height in carry position	◆
<b>11</b>	Reach at full lift height	◆
<b>12</b>	S.A.E. specified dump angle	45° (56° max.)
<b>13</b>	Maximum rollback, fully raised	56°
<b>14</b>	Dump clearance at full lift height and 45° discharge	◆
<b>15</b>	Height to bucket hinge pin	3585 mm (141.1 in)
<b>16</b>	Overall machine height, bucket fully raised	◆
<b>17</b>	Height to top of seat with headrest	2614 mm (102.9 in)
<b>18</b>	Height to top of stack	2654 mm (104.5 in)

◆ Dimensions vary with bucket. Refer to Operating Specifications chart.