

# 953D

## Track Loader



### Engine

Engine Model	Cat® C6.6 ACERT™	
Flywheel Power	110 kW	148 hp

### Buckets

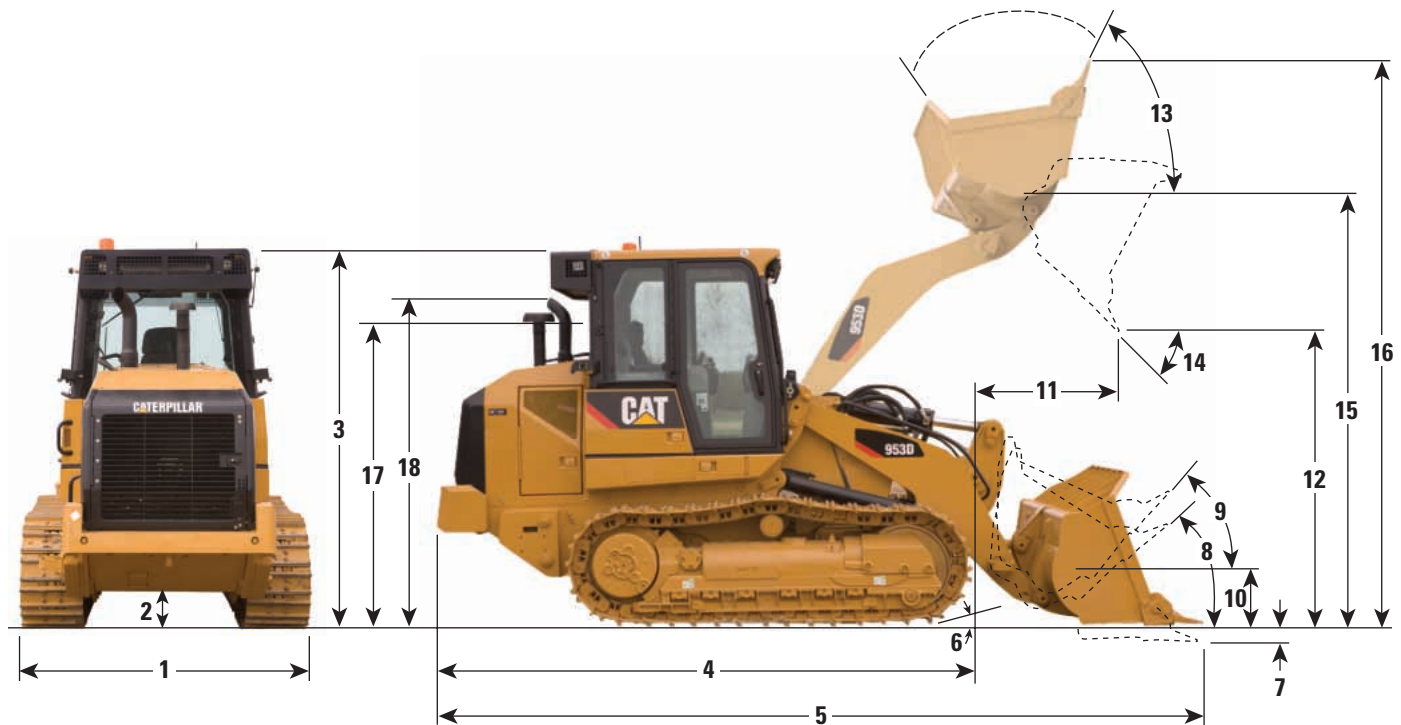
Capacity – General Purpose	1.85 m <sup>3</sup>	2.42 yd <sup>3</sup>
Capacity – Multi-Purpose	1.6 m <sup>3</sup>	2.09 yd <sup>3</sup>

### Weights

Operating Weight	15 517 kg	34,209 lb
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## Dimensions

All dimensions are subject to change without notice.



<b>1</b>	Overall machine width without bucket:	
	with standard tracks – 480 mm (19.7 in shoes)	2280 mm (89.7 in)
	with narrow tracks – 380 mm (14.9 in shoes)	2180 mm (85.8 in)
<b>2</b>	Ground clearance	416 mm (16.3 in)
<b>3</b>	Machine height to top of cab	3105 mm (122.2 in)
<b>4</b>	Length to front of track	4363 mm (171.7 in)
<b>5</b>	Overall machine length*	6252 mm (246.1)
<b>6</b>	Carry position approach angle	15°
<b>7</b>	Digging depth*	140 mm (5.5 in)
<b>8</b>	Maximum rollback at ground	41°
<b>9</b>	Maximum rollback at carry position	48°
<b>10</b>	Bucket height in carry position	548 mm (21.6 in)
<b>11</b>	Reach at full lift height and 45° dump*	1195 mm (47 in)
<b>12</b>	Clearance at full lift height and 45° dump*	2694 mm (106 in)
<b>13</b>	Maximum rollback, fully raised	56°
<b>14</b>	Maximum dump, fully raised	55°
	Grading angle	74°
<b>15</b>	Height to bucket hinge pin	3610 mm (142.1 in)
<b>16</b>	Overall machine height, bucket fully raised	4882 mm (192.2 in)
<b>17</b>	Height to top of seat with headrest	2560 mm (100.7 in)
<b>18</b>	Height to top of stack	2783.5 mm (109.6 in)

\* With general purpose bucket and extra duty teeth.

Dimensions vary with bucket. Refer to Operating Specifications chart.

# 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	976 2,151.7	1254 2,764.5	1097 2,418.4	1483 3,269.4	1762 3,884.5	1604 3,536.2	1093 2,409.6
Rated load nominal heaped	kg lb	3010 6,635.9	3182 7,015.1	3182 7,015.1	2580 5,687.9	2752 6,067.1	2752 6,067.1	3182 7,015.1
Rated capacity nominal heaped (actual)	m <sup>3</sup> yd <sup>3</sup>	1.72 2.24	1.82 2.38	1.82 2.38	1.50 1.96	1.60 2.09	1.60 2.09	1.82 2.38
Rated capacity nominal heaped (advertised)	m <sup>3</sup> yd <sup>3</sup>	1.75 2.28	1.85 2.41	1.85 2.41	1.50 1.96	1.60 2.09	1.60 2.09	1.85 2.41
Struck capacity (actual)	m <sup>3</sup> yd <sup>3</sup>	1.48 1.93	1.57 2.05	1.57 2.05	1.27 1.66	1.35 1.76	1.35 1.76	1.48 1.93
Struck capacity (advertised)	m <sup>3</sup> yd <sup>3</sup>	1.45 1.89	1.55 2.02	1.55 2.02	1.25 1.63	1.35 1.76	1.35 1.76	1.45 1.89
Bucket width overall	mm in	2392 94.2	2485 97.8	2395 94.3	2378 93.6	2471 97.3	2395 94.3	2438 95.9
Cutting edge type		straight	straight	straight	straight	straight	straight	—
Teeth		none	8 bolt-on with replaceable tips	none	none	8 bolt-on with replaceable tips	none	8 bolt-on with replaceable tips
<b>Dimensions and weights</b>								
Overall height	mm in	3105 122.2	3105 122.2	3105 122.2	3105 122.2	3105 122.2	3105 122.2	3105 122.2
Overall operating height	mm in	4882 192.2	4882 192.2	4882 192.2	4871 191.7	4871 191.7	4871 191.7	4882 192.2
Clearance at 45° dump max lift	mm in	2909 114.5	2688 105.8	2844 112.0	2738 107.7	2499 98.3	2669 105	2733 107.6
Reach at 45° dump max lift	mm in	1002 39.4	1197 47.1	1042 41	973 38.3	1144 45	1006 39.6	1197 47.1
Clearance at 45° dump max lift	mm in	2854 112.4	2615 103	2785 109.6	—	—	—	2659 104.7
Reach at 45° dump max lift	mm in	928 36.5	1099 43.3	961 37.8	—	—	—	1104 43.5
Reach at 45° dump 2133 mm (84 in) clearance	mm in	1550 61.1	1630 64.2	1559 61.4	1434 56.5	1457 57.4	1428 56.2	1656 65.2
Bottom dump clearance at 45° dump max lift	mm in	—	—	—	3182 125.3	3182 125.3	3182 125.3	—
Bottom dump reach at 45° dump max lift	mm in	—	—	—	559 22	559 22	559 22	—
Reach with lift arm horizontal and bucket level	mm in	2099 87	2389 94	2171 85.5	2213 87.1	2503 98.5	2285 89.9	2361 93
Overall length – bucket level on ground	mm in	5926 233.3	6252 246.1	6017 236.9	6077 239.3	6401 252	6167 242.8	6198 244
Digging depth	mm in	92 3.6	140 5.5	117 4.6	142 5.6	190 7.5	167 6.6	105 4.1
Full dump at max lift	Deg	55	55	55	49	49	49	55
Full dump at max lift	Deg	49	49	49	—	—	—	49
Carry height	mm in	421 16.6	421 16.6	421 16.6	508 20	508 20	508 20	421 16.6
Rackback at carry	Deg	47	47	47	50	50	50	47
Rackback at ground	Deg	41	41	41	42	42	42	41
Grading angle max	Deg	74	74	74	74	74	74	74
Static tipping load min	kg lb	11 413 25,162	11 089 26,035	11 252 24,806	10 831 23,878	10 492 23,131	10 663 23,508	11 255 24,813
Breakout with tilt cylinders level at ground	N lbf	160 549 36,093	157 873 35,491	159 375 35,829	137 216 30,847.4	134 377 30,209.1	135 936 30,559.6	162 579 36,549.2
Lift capacity to full lift – bucket racked	kg lb	5897 13,000.6	5684 12,531	5789 12,762.5	5414 11,935.8	5208 11,477.2	5310 11,702.1	5793 12,769.1
Lift capacity at ground line – bucket racked	kg lb	16 039 35,359.9	15 364 33,871.7	15 694 34,599.3	15 077 33,239	14 429 31,810.5	14 744 32,515.9	15 769 34,765
Shipping weight without bucket	kg lb	14 217 31,343	14 217 31,343	14 217 31,343	14 254 31,425	14 254 31,425	14 254 31,425	14 217 31,343
Operating weight with bucket	kg lb	15 577 34,341	15 758 34,740	15 638 34,476	16 302 35,939.7	16 302 35,939.7	16 183 35,677.4	15 635 34,469.3