

CST DRY BULK STORAGE CAPACITY CHART

CST Bolted Dry Bulk Storage Tanks

Nominal Size (Feet)		Capacity - Level Full (In Cubic Feet)		
Diam	Eave Height	Flat Without Bottom	45 Degree Hopper ****	60 Degree Hopper ****
9.231	24.18	1,618	1,278	1,152
	32.24	2,157	1,817	1,691
	40.30	2,697	2,357	2,231
	48.36	3,236	2,896	2,770
	56.42	3,776	3,436	3,310
	64.48	4,315	3,975	3,849
	72.54	4,854	4,514	4,388
	80.60	5,394	5,054	4,928
	88.66	5,933	5,593	5,467
96.72	6,473	6,133	6,007	
12.308	24.18	2,877	2,151	1,837
	32.24	3,836	3,110	2,796
	40.30	4,795	4,069	3,755
	48.36	5,754	5,028	4,714
	56.42	6,713	5,987	5,673
	64.48	7,672	6,946	6,632
	72.54	8,631	7,905	7,591
	80.60	9,590	8,864	8,550
	88.66	10,549	9,823	9,509
96.72	11,508	10,782	10,468	
15.385	24.18	4,495	3,170	2,540
	32.24	5,993	4,668	4,038
	40.30	7,492	6,167	5,537
	48.36	8,990	7,665	7,035
	56.42	10,488	9,163	8,533
	64.48	11,987	10,662	10,032
	72.54	13,485	12,160	11,530
	80.60	14,984	13,659	13,029
	88.66	16,482	15,157	14,527
96.72	17,980	16,655	16,025	
18.462	24.18	6,473	4,290	3,182
	32.24	8,631	6,448	5,340
	40.30	10,788	8,605	7,497
	48.36	12,946	10,763	9,655
	56.42	15,104	12,921	11,813
	64.48	17,261	15,078	13,970
	72.54	19,419	17,236	16,128
	80.60	21,577	19,394	18,286
	88.66	23,734	21,551	20,443
96.72	25,892	23,709	22,601	
21.539	24.18	8,810	5,466	3,684
	32.24	11,747	8,403	6,621
	40.30	14,684	11,340	9,558
	48.36	17,620	14,276	12,494
	56.42	20,557	17,213	15,431
	64.48	23,494	20,150	18,368
	72.54	26,431	23,087	21,305
	80.60	29,368	26,024	24,242
	88.66	32,304	28,960	27,178
96.72	35,241	31,897	30,115	
24.616	32.24	15,343	10,486	7,802
	40.30	19,179	14,322	11,638
	48.36	23,015	18,158	15,474
	56.42	26,850	21,993	19,309
	64.48	30,686	25,829	23,145
	72.54	34,522	29,665	26,981
	80.60	38,358	33,501	30,817
	88.66	42,194	37,337	34,653
	96.72	46,030	41,173	38,489
26.154	32.24	17,321	11,562	8,330
	40.30	21,651	15,892	12,660
	48.36	25,981	20,222	16,990
	56.42	30,311	24,552	21,320
	64.48	34,642	28,883	25,651
	72.54	38,972	33,213	29,981
	80.60	43,302	37,543	34,311
	88.66	47,632	41,873	38,641
	96.72	51,962	46,203	42,971
29.709	32.24	22,349	14,098	9,326
	40.30	27,936	19,685	14,913
	48.36	33,524	25,273	20,500
	56.42	39,111	30,860	26,088
	64.48	44,698	36,447	31,675
	72.54	50,285	42,034	37,262
	80.60	55,873	47,622	42,850
	88.66	61,460	53,209	48,437
	96.72	67,047	58,796	54,024
32.680	32.24	27,043	16,228	9,846
	40.30	33,804	22,989	16,607
	48.36	40,564	29,749	23,367
	56.42	47,325	36,510	30,128
	64.48	54,086	43,271	36,889
	72.54	60,846	50,031	43,649
	80.60	67,607	56,792	50,410
	88.66	74,368	63,553	57,171
	96.72	81,128	70,313	63,931
38.622	32.24	37,771	20,345	-
	40.30	47,214	29,788	19,175
	48.36	56,656	39,230	28,618
	56.42	66,099	48,673	38,060
	64.48	75,542	58,116	47,503
	72.54	84,984	67,558	56,946
	80.60	94,427	77,001	66,388
	88.66	103,870	86,444	75,831
	96.72	113,312	95,886	85,274
41.592	40.30	54,754	33,200	19,908
	48.36	65,705	44,151	30,859
	56.42	76,656	55,102	41,810
	64.48	87,606	66,052	52,760
	72.54	98,557	77,003	63,711
	80.60	109,508	87,954	74,662
	88.66	120,459	98,905	85,613
	96.72	131,409	109,855	96,563
	47.534	40.30	71,516	39,849
48.36		85,819	54,152	34,218
56.42		100,122	68,455	48,521
64.48		114,426	82,759	62,824
72.54		128,729	97,062	77,128
80.60		143,032	111,365	91,431
88.66		157,335	125,668	105,734
96.72		171,638	139,971	120,037
54.961		48.36	114,732	-
	56.42	133,854	-	-
	64.48	152,976	-	-
	72.54	172,098	-	-
	80.60	191,220	-	-
	88.66	210,342	-	-
96.72	229,464	-	-	

****Based on a hopper outlet diameter of 1.00' and with a hopper clearance of 2.50'

CST Factory Welded Tanks

Nominal Size (In Feet)		Capacity - Level Full (In Cubic Feet)	
Diameter	Eave Height	45 Degree Hopper ****	60 Degree Hopper ****
8.00	17.76	641	562
	23.68	939	860
	29.60	1,236	1,157
	35.52	1,534	1,455
	41.44	1,831	1,752
	47.36	2,129	2,050
	53.28	2,426	2,347
	59.20	2,724	2,645
	65.12	3,022	2,943
	71.04	3,319	3,240
	76.96	3,617	3,538
	82.88	3,914	3,835
9.00	17.76	791	674
	23.68	1,168	1,051
	29.60	1,544	1,427
	35.52	1,921	1,804
	41.44	2,297	2,180
	47.36	2,674	2,557
	53.28	3,051	2,934
	59.20	3,427	3,310
	65.12	3,804	3,687
	71.04	4,180	4,063
	76.96	4,557	4,440
	82.88	4,934	4,817
10.00	17.76	950	787
	23.68	1,415	1,252
	29.60	1,880	1,717
	35.52	2,345	2,182
	41.44	2,810	2,647
	47.36	3,275	3,112
	53.28	3,740	3,577
	59.20	4,205	4,042
	65.12	4,670	4,507
	71.04	5,135	4,972
	76.96	5,600	5,437
	82.88	6,065	5,902
11.00	17.76	1,118	897
	23.68	1,681	1,460
	29.60	2,243	2,022
	35.52	2,806	2,585
	41.44	3,368	3,147
	47.36	3,931	3,710
	53.28	4,494	4,273
	59.20	5,056	4,835
	65.12	5,619	5,398
	71.04	6,181	5,960
	76.96	6,744	6,523
	82.88	7,307	7,086
11.92	17.76	1,278	995
	23.68	1,939	1,656
	29.60	2,599	2,316
	35.52	3,260	2,977
	41.44	3,921	3,638
	47.36	4,581	4,298
	53.28	5,242	4,959
	59.20	5,902	5,619
	65.12	6,563	6,280
	71.04	7,224	6,941
	76.96	7,884	7,601
	82.88	8,545	8,262
12.92	17.76	1,458	1,093
	23.68	2,235	1,870
	29.60	3,012	2,646
	35.52	3,788	3,422
	41.44	4,564	4,198
	47.36	5,340	4,974
	53.28	6,116	5,750
	59.20	6,892	6,526
	65.12	7,668	7,302
	71.04	8,444	8,078
	76.96	9,220	8,854
	82.88	9,996	9,630
13.92	17.76	1,642	1,181
	23.68	2,543	2,082
	29.60	3,444	2,983
	35.52	4,345	3,884
	41.44	5,246	4,785
	47.36	6,147	5,686
	53.28	7,048	6,587
	59.20	7,949	7,488
	65.12	8,849	8,388
	71.04	9,750	9,289
	76.96	10,651	10,190
	82.88	11,552	11,091
14.92	17.76	1,828	1,255
	23.68	2,863	2,290
	29.60	3,898	3,325
	35.52	4,933	4,360
	41.44	5,968	5,395
	47.36	7,003	6,430
	53.28	8,038	7,465
	59.20	9,073	8,500
	65.12	10,108	9,535
	71.04	11,143	10,570
	76.96	12,178	11,605
	82.88	13,213	12,640

****Based on a hopper outlet diameter of 1.00' and with a hopper clearance of 2.83'

CST Grain Tanks

Nominal Size (In Feet)		
Diameter	Eave Height	Air Volume / Capacity (cu ft) ****
38.622	40.30	51,529
	48.36	60,972
	56.42	70,414
	64.48	79,857
	72.54	89,300
	80.60	98,742
	88.66	108,185
47.534	40.30	79,594
	48.36	93,897
	56.42	108,200
	64.48	122,504
	72.54	136,807
	80.60	151,110
	88.66	165,413
53.476	40.30	102,032
	48.36	120,135
	56.42	138,237
	64.48	156,340
	72.54	174,443
	80.60	192,545
	88.66	210,648
59.418	40.30	127,561
	48.36	149,910
	56.42	172,259
	64.48	194,608
	72.54	216,958
	80.60	239,307
	88.66	261,656
68.330	40.30	171,853
	48.36	201,409
	56.42	230,965
	64.48	260,521
	72.54	290,078
	80.60	319,634
	88.66	349,190
74.272	40.30	205,525
	48.36	240,445
	56.42	275,365
	64.48	310,285
	72.54	345,205
	80.60	380,125
	88.66	415,045
80.214	40.30	242,622
	48.36	283,353
	56.42	324,084
	64.48	364,815
	72.54	405,546
	80.60	446,277
	88.66	487,008
89.127	40.30	304,895
	48.36	355,181
	56.42	405,466
	64.48	455,752
	72.54	506,037
	80.60	556,323
	88.66	606,608
98.039	40.30	375,400
	48.36	436,245
	56.42	497,089
	64.48	557,934
	72.54	618,779
	80.60	679,624
	88.66	740,469
103.981	40.30	427,144
	48.36	495,588
	56.42	564,031
	64.48	632,475
	72.54	700,918
	80.60	769,362
	88.66	837,806
112.894	40.30	512,066
	48.36	592,746
	56.42	673,426
	64.48	754,106
	72.54	834,786
	80.60	915,466
	88.66	996,146
118.835	40.30	573,727
	48.36	663,122
	56.42	752,517
	64.48	841,912
	72.54	931,307
	80.60	1,020,702
	88.66	1,110,097
130.719	40.30	817,749
	48.36	925,918
	56.42	1,034,087
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