

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 | 20,501 | |
| | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

****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 | | |
| | 96.72 | 117,628 | | |
| | 104.78 | 127,070 | | |
| | 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 | | |
| 96.72 | | 179,716 | | |
| 104.78 | | 194,020 | | |
| 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 | | |
| | 96.72 | 228,751 | | |
| | 104.78 | 246,853 | | |
| | 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 | | |
| 96.72 | | 284,005 | | |
| 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 | | |
| | 96.72 | 378,746 | | |
| | 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 | | |
| 96.72 | | 449,965 | | |
| 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 | | |
| | 96.72 | 527,739 | | |
| | 89.127 | 40.30 | 304,895 | |
| | | 48.36 | 355,181 | |
| 56.42 | | 405,466 | | |
| 64.48 | | 455,752 | | |
| 72.54 | | 506,037 | | |
| 98.039 | | 40.30 | 375,400 | |
| | | 48.36 | 436,245 | |
| | | 56.42 | 497,089 | |
| | | 64.48 | 557,934 | |
| | | 72.54 | 618,779 | |
| | 103.981 | 40.30 | 427,144 | |
| | | 48.36 | 495,588 | |
| | | 56.42 | 564,031 | |
| | | 64.48 | 632,475 | |
| | | 72.54 | 700,918 | |
| 112.894 | | 40.30 | 512,066 | |
| | | 48.36 | 592,746 | |
| | | 56.42 | 673,426 | |
| | | 64.48 | 754,106 | |
| | | 118.835 | 40.30 | 573,727 |
| | 48.36 | | 663,122 | |
| | 56.42 | | 752,517 | |
| | 64.48 | | 841,912 | |
| | 130.719 | | 48.36 | 817,749 |
| | | | 56.42 | 925,918 |
| 148.544 | | | 48.36 | 1,085,716 |
| | | | 56.42 | 1,225,396 |

****Based on a deck slope of 30 and with a 8' diameter center compression ring for <= 103.981' diameter and with a 10' diameter center compression ring for > 103.981' diameter



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