

Dry Bulk Storage Solutions

Your single source designer, manufacturer, and erector of dry bulk silos

As the industry leader in design build services for dry bulk material handling and storage systems, our team of experts can provide storage silo solutions that are custom engineered to your exact project requirements. We work with you to create a solution of uncompromised quality for every size of silo or project by offering factory epoxy powder coated, bolted, dry storage silos.

Flat panel bolted tanks offer outstanding performance, reliability, and ease of installation. Tarsco Bolted Tank's decades of experience, combined with our state-of-the-art engineering and manufacturing facility, can provide you with any volume of storage you may require.

Tanks are erected from ground level with a synchronized jacking system, improving safety and quality control around ground level. This system eliminates expensive cranes and fabricated scaffold systems and improves our ability to work in confined spaces.

Bolted Flat Panel Advantages

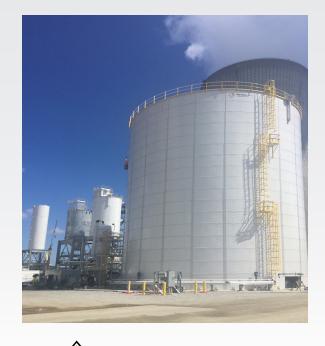
- Speed and ease of manufacturing and erection
- · Shop applied powder coatings that can't be reproduced in the field
- Worry free quality in design and coatings
- Least expensive solution over lifetime
- Bolted silos can be relocated and expanded, improving residual value

Factory Finished

Our panels are finished in our factory with a thermal fusion bonded powder coating. We provide epoxy powder coating techniques resulting in superior coverage to ensure long-term service in the field. Powder coating is electrostatically applied and thermally cured, all within a factory-controlled climate which equates to extremely low emissions for environmentally sound production.

Quality Control

- Each panel is 100% holiday free when it leaves the factory
- Shipment pallets are built job specific and also built larger than panels to eliminate coating or transportation damage
- Panels are stacked to pallets in sequence of erection; this eliminates handling panels excessively
- Protective sheets of heavy paper are placed between each panel when stacked on shipping pallets to ensure no abrasions during transportation







Dry Bolted Tank Capacity Chart

Contact Tarsco Bolted Tank for larger diameter flat bottom tanks.

Outlet Diameter = 1 ft. Hopper Outlet Clearance to Bottom of Tank = 2.5 ft. Capacity - Level Full (Cubic Feet)

9.23 9.24 25.71	Dia (feet)	Eave Height (feet)	Flat Bottom	45° Hopper (ft³)	60° Hopper (ft³)
9.23 9.23 9.23 9.24 9.25 45.04 3.014 2.674 2.548 49.88 3.338 2.998 2.872 54.71 3.661 3.321 3.195 59.54 3.985 3.645 3.519 64.38 4.308 3.968 3.842 69.21 4.632 4.692 5.586 6.249 5.934 5.594 4.995 5.586 5.459 93.38 6.249 5.909 5.783 98.21 6.573 6.233 6.106 25.71 3.059 23.32 2.019 30.54 3.634 4.209 3.483 3.169 40.21 4.784 4.058 3.744 45.04 5.359 4.633 4.319 49.88 5.934 5.934 5.946 64.38 7.659 6.933 6.619 69.21 8.234 7.508 7.194 74.04 8.809 8.883 7.769 78.88 9.384 8.658 8.344 83.71 9.959 9.233 8.919 11.685 10.534 9.821 11.685 10.988 9.9494 93.38 11.109 10.383 10.069 98.21 11.685 10.584 3.595 4.621 4.745 4.621 4.021 7.475 6.150 5.520 4.638 4.988 9.272 7.947 7.317 5.471 10.170 8.845 8.215 5.954 11.069 9.744 9.114 64.38 11.967 10.642 10.012 69.21 12.866 11.541 10.911 74.04 13.764 12.439 11.809 78.88 9.272 7.947 7.317 5.471 10.170 8.845 8.215 5.954 11.069 9.744 9.114 64.38 11.069 9.744 9.114 64.38 11.967 10.642 10.012 69.21 12.866 11.541 10.911 74.04 13.764 12.439 11.809 78.88 14.663 33.38 17.759 30.54 59.54 11.069 9.744 9.114 64.38 11.967 10.642 10.012 69.21 12.866 11.541 10.911 74.04 13.764 12.439 11.809 78.88 14.663 33.31 15.562 14.236 13.606 88.54 16.460 15.135 14.505 93.38 17.759 30.54 83.71 15.562 14.236 13.636 88.54 16.460 15.135 14.505 93.38 17.759 30.54 83.71 15.562 14.236 13.606 88.54 16.460 15.135 14.505 93.38 17.759 78.88 74.704 74.04 74.04 74.04 74.04 74.04 74.05 74.06 74.06 74.07 74.07 75.17 75.77 75.77 75.77 75.77 75.77 75.77 75.77 75.77 75.77 75.77 76.77 76.77 77.87 77.87 78.78 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.88 78.79 78.89 78.89 78.89 78.89 78.89 78.89 78.89 78.89 78.89 78.89 78.89 78.89 78		25.71	1,721	1,381	1,254
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15.38 88.54 10,534 93.38 11,109 10,383 10,069 98.21 11,685 10,958 10,644 25.71 4,779 3,454 2,824 30.54 5,678 4,352 35,38 6,576 5,251 46,21 40,21 7,475 6,150 5,520 45,04 8,373 7,048 6,418 49.88 9,272 7,947 7,317 54,71 10,170 8,845 8,215 59.54 11,069 9,744 9,114 64.38 11,967 10,642 10,012 69,21 12,866 11,541 10,911 74,04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83,71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,303 15,403 98.21 18,257 16,932 16,302 25,71 25,71 25,882 4,699 3,591 30.54 8,176 5,993 4,885 35,38 9,470 7,287 6,179 40,21 10,764 8,581 7,473 45,04 12,058 9,875 8,767 49,88 13,351 11,169 10,060 54,71 14,645 12,462 11,354 59,54 15,939 13,756 12,462 11,354 59,54 15,939 13,756 12,462 11,354 59,54 15,939 13,756 12,462 11,354 59,54 15,939 13,756 13,942 69,21 18,527 16,344 15,236 74,04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83,71 22,409 20,226 19,118		78.88	9,384	8,658	8,344
15.38		83.71	9,959	9,233	8,919
15.38 98.21 11,685 10,958 10,644 25.71 4,779 3,454 2,824 30.54 5,678 4,352 3,722 35.38 6,576 5,251 4,621 40.21 7,475 6,150 5,520 45.04 8,373 7,048 6,418 49.88 9,272 7,947 7,317 54.71 10,170 8,845 8,215 59.54 11,069 9,744 9,114 64.38 11,967 10,642 10,012 69.21 12,866 11,541 10,911 74.04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118		88.54	10,534	9,808	9,494
15.38					
15.38 30.54 5,678 4,352 3,722 35.38 6,576 5,251 4,621 40.21 7,475 6,150 5,520 45.04 8,373 7,048 6,418 49.88 9,272 7,947 7,317 54.71 10,170 8,845 8,215 59.54 11,069 9,744 9,114 64.38 11,967 10,642 10,012 69.21 12,866 11,541 10,911 74.04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118					_
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15.38 40.21 7,475 6,150 5,520 45.04 8,373 7,048 6,418 49.88 9,272 7,947 7,317 54.71 10,170 8,845 8,215 59.54 11,069 9,744 9,114 64.38 11,967 10,642 10,012 69.21 12,866 11,541 10,911 74.04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,382 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,642 69.21 18,527 16,344 15,236 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118					
15.38 45.04 8,373 7,048 6,418 49.88 9,272 7,947 7,317 54.71 10,170 8,845 8,215 59.54 11,069 9,744 9,114 64.38 11,967 10,642 10,012 69.21 12,866 11,541 10,911 74.04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 81,76 49,88 35.38 9,470 7,287 40.21 10,764 45,04 12,058 9,875 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 11,364 11,354 59.54 15,939 13,756 12,462 11,354 59.54 15,939 13,756 12,462 11,354 59.54 15,939 13,756 13,942 69,21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83,71 22,409 20,226 19,118					
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69.21 12,866 11,541 10,911 74.04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118	15.38		-	,	
74.04 13,764 12,439 11,809 78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118			,		
78.88 14,663 13,338 12,708 83.71 15,562 14,236 13,606 88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25,71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118		74.04			_
88.54 16,460 15,135 14,505 93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118		78.88	14,663	13,338	12,708
93.38 17,359 16,033 15,403 98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118		83.71	15,562	14,236	13,606
98.21 18,257 16,932 16,302 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118		88.54	16,460	15,135	14,505
18.46 25.71 6,882 4,699 3,591 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118		93.38	17,359	16,033	15,403
18.46 30.54 8,176 5,993 4,885 35.38 9,470 7,287 6,179 40.21 10,764 8,581 7,473 45.04 12,058 9,875 8,767 49.88 13,351 11,169 10,060 54.71 14,645 12,462 11,354 59.54 15,939 13,756 12,648 64.38 17,233 15,050 13,942 69.21 18,527 16,344 15,236 74.04 19,821 17,638 16,530 78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118					
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78.88 21,115 18,932 17,824 83.71 22,409 20,226 19,118					-
83.71 22,409 20,226 19,118					
93.38 24,996 22,813 21,705					
98.21 26,290 24,107 22,999					

Dia (feet)	Eave Height (feet)	Flat Bottom	45° Hopper (ft³)	60° Hopper (ft³)
	25.71	9,367	6,022	4,241
	30.54	11,128	7,783	6,002
	35.38	12,890	9,545	7,763
	40.21 45.04	14,651 16,412	11,306 13,067	9,524 11,285
	49.88	18,173	14,828	13,046
	54.71	19,934	16,589	14,807
21.54	59.54	21,695	18,350	16,568
21.54	64.38	23,456	20,111	18,329
	69.21	25,217	21,872	20,091
	74.04	26,978	23,633	21,852
	78.88 83.71	28,739 30,501	25,395 27,156	23,613 25,374
	88.54	32,262	28,917	27,135
	93.38	34,023	30,678	28,896
	98.21	35,784	32,439	30,657
	25.71	12,235	7,378	
	30.54	14,535	9,678	6,994
	35.38	16,835	11,978	9,294
	40.21 45.04	19,135	14,279	11,594 13,894
	45.04	21,436 23,736	16,579 18,879	16,194
	54.71	26,036	21,179	18,495
	59.54	28,336	23,479	20,795
24.62	64.38	30,637	25,780	23,095
	69.21	32,937	28,080	25,395
	74.04	35,237	30,380	27,696
	78.88	37,537	32,680	29,996
	83.71	39,838	34,981	32,296
	88.54	42,138	37,281	34,596
	93.38	44,438	39,581	36,896
	98.21 25.71	46,738 15,485	41,881 8,720	39,197
	30.54	18,396	11,631	7,781
	35.38	21,307	14,542	10,692
	40.21	24,218	17,454	13,604
	45.04	27,130	20,365	16,515
	49.88	30,041	23,276	19,426
	54.71	32,952	26,187	22,337
27.69	59.54	35,863	29,098	25,249
27.05	64.38	38,774	32,010	28,160
	69.21	41,686	34,921	31,071
	74.04	44,597	37,832	33,982
	78.88 83.71	47,508 50,419	40,743 43,655	36,893 39,805
	88.54	53,331	46,566	42,716
	93.38	56,242	49,477	45,627
	98.21	59,153	52,388	48,538
30.77	25.71	19,117	10,003	
	30.54	22,711	13,597	
	35.38	26,305	17,191	11,880
	40.21	29,899	20,785	15,474
	45.04	33,493	24,379	19,068
	49.88	37,087	27,973	22,662
	54.71	40,682	31,567	26,256
	59.54	44,276	35,161	29,850 33,444
	64.38 69.21	47,870 51,464	38,755 42,350	37,038
	74.04	55,058	45,944	40,632
	78.88	58,652	49,538	44,227
	83.71	62,246	53,132	47,821
	88.54	65,840	56,726	51,415
	93.38	69,434	60,320	55,009
	98.21	73,028	63,914	58,603

Dia (feet)	Eave Height (feet)	Flat Bottom	45° Hopper (ft³)	60° Hopper (ft³)
	25.71	23,131	11,180	
	30.54	27,480	15,529	
	35.38	31,829	19,878	17 125
	40.21 45.04	36,178 40,527	24,227 28,576	17,125 21,474
	49.88	4,876	32,925	25,823
	54.71	49,225	37,274	30,171
33.85	59.54	53,573	41,622	34,520
33.03	64.38	57,922	45,971	38,869
	69.21	62,271	50,320	43,218
	74.04 78.88	66,620 70,969	54,669 59,018	47,567 51,916
	83.71	75,318	63,367	56,265
	88.54	79,667	67,716	60,613
	93.38	84,016	72,064	64,962
	98.21	88,364	76,413	69,311
	25.71	27,528	12,207	
	30.54 35.38	32,704 37,879	17,383 22,558	
	40.21	43,055	27,734	18,478
	45.04	48,230	32,909	23,653
	49.88	53,406	38,085	28,829
	54.71	58,581	43,260	34,004
36.92	59.54	63,757	48,436	39,180
30.92	64.38	68,932	53,611	44,355
	69.21	74,108	58,787	49,531
	74.04	79,283	63,962	54,706
	78.88	84,459	69,138	59,882
	83.71	89,634	74,313	65,057
	88.54 93.38	94,810 99,985	79,489 84,664	70,233 75,408
	98.21	105,161	89,840	80,584
	30.54	38,382	19,112	00,501
	35.38	44,456	25,186	
	40.21	50,530	31,260	
	45.04	56,604	37,334	25,527
	49.88	62,678	43,408	31,601
	54.71	68,752	49,482	37,675
	59.54	74,826	55,556	43,749
40.00	64.38	80,900	61,630	49,823
	69.21	86,974	67,704	55,897
	74.04	93,048	73,778	61,971
	78.88	99,122	79,852	68,045
	83.71	105,196	85,926	74,119
	88.54	111,270	92,000	80,194
	93.38	117,344	98,074	86,268
	98.21	123,418	104,148	92,342
	30.54	44,514	20,670	
	35.38 40.21	51,558 58,602	27,715	
	45.04	65,647	34,759 41,804	27,016
	49.88	72,691	48,848	34,061
	54.71	79,736	55,892	41,105
	59.54	86,780	62,937	48,150
43.08	64.38	93,825	69,981	55,194
	69.21	100,869	77,026	62,239
	74.04	107,914	84,070	69,283
	78.88	114,958	91,115	76,327
		,		,
	83.71	122,002	98,159	83,372
		122,002 129,047	98,159 105,204	83,372 90,416
	83.71			90,416 97,461