



SILVER SHIELD

Smooth Wall Hopper Bins

Model	Diameter	Number of Rings	Sidewall Height (in feet)	Overall Height (in feet) †	Capacity in Cubic Feet*	Capacity in Normal Bushels*	Capacity in Maximum Bushels**
HT 9-1	9' 6 9/16"	1	2.50	11.83	292	234	303
HT 9-2	9' 6 9/16"	2	5.00	14.33	471	378	454
HT 9-3	9' 6 9/16"	3	7.50	16.83	650	522	605
HT 9-4	9' 6 9/16"	4	10.00	19.33	829	666	756
HT 9-5	9' 6 9/16"	5	12.50	21.83	1008	810	907
HT 9-6	9' 6 9/16"	6	15.00	24.33	1187	954	1058
HT 9-7	9' 6 9/16"	7	17.50	26.83	1366	1098	1210
HT 9-8	9' 6 9/16"	8	20.00	29.33	1546	1242	1361
HT 9-9	9' 6 9/16"	9	22.50	31.83	1725	1386	1512
HT 9-10	9' 6 9/16"	10	25.00	34.33	1904	1530	1663
HT 9-11	9' 6 9/16"	11	27.50	36.83	2083	1674	1814
HT 9-12	9' 6 9/16"	12	30.00	39.33	2262	1818	1965
HT 11-1	11' 5 1/2"	1	2.50	13.42	394	317	429
HT 11-2	11' 5 1/2"	2	5.00	15.92	652	524	647
HT 11-3	11' 5 1/2"	3	7.50	18.42	910	732	864
HT 11-4	11' 5 1/2"	4	10.00	20.92	1168	939	1082
HT 11-5	11' 5 1/2"	5	12.50	23.42	1426	1146	1300
HT 11-6	11' 5 1/2"	6	15.00	25.92	1684	1354	1517
HT 11-7	11' 5 1/2"	7	17.50	28.42	1942	1561	1735
HT 11-8	11' 5 1/2"	8	20.00	30.92	2200	1768	1952
HT 11-9	11' 5 1/2"	9	22.50	33.42	2458	1976	2170
HT 11-10	11' 5 1/2"	10	25.00	35.92	2715	2183	2388
HT 11-11	11' 5 1/2"	11	27.50	38.42	2973	2390	2605
HT 11-12	11' 5 1/2"	12	30.00	40.92	3231	2597	2823
HT 11-13	11' 5 1/2"	13	32.50	43.42	3489	2805	3040
HT 11-14	11' 5 1/2"	14	35.00	45.92	3747	3012	3258
HT 13-1	13' 4 7/16"	1	2.50	14.83	650	522	699
HT 13-2	13' 4 7/16"	2	5.00	17.33	1001	804	996
HT 13-3	13' 4 7/16"	3	7.50	19.83	1351	1086	1292
HT 13-4	13' 4 7/16"	4	10.00	22.33	1702	1368	1588
HT 13-5	13' 4 7/16"	5	12.50	24.83	2053	1650	1884
HT 13-6	13' 4 7/16"	6	15.00	27.33	2404	1932	2180
HT 13-7	13' 4 7/16"	7	17.50	29.83	2754	2214	2476
HT 13-8	13' 4 7/16"	8	20.00	32.33	3105	2496	2773
HT 13-9	13' 4 7/16"	9	22.50	34.83	3456	2778	3069
HT 13-10	13' 4 7/16"	10	25.00	37.33	3807	3060	3365
HT 13-11	13' 4 7/16"	11	27.50	39.83	4157	3342	3661
HT 13-12	13' 4 7/16"	12	30.00	42.33	4508	3624	3957
HT 13-13	13' 4 7/16"	13	32.50	44.83	4859	3906	4253
HT 13-14	13' 4 7/16"	14	35.00	47.33	5210	4188	4550
HT 13-15	13' 4 7/16"	15	37.50	49.83	5560	4470	4846
HT 13-16	13' 4 7/16"	16	40.00	52.33	5911	4752	5142

*Cubic feet and Normal Bushels are figured to square of sidewall with no compaction factor added. (1.244 cubic feet per bushel)

**Maximum Bushels are figured to fill C&L 30° roof, plus a compaction factor of 5% is added.

† Overall Height is listed for hopper tanks with C&L leg structure



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Model	Diameter	Number of	Sidewall Height	Overall Height (in	Capacity in Cubic	Capacity in	Capacity in
		Rings	(in feet)	feet) †	Feet*	Normal Bushels*	Maximum Bushels**
HT 15-1	15' 3 3/8"	1	2.50	16.58	915	736	1000
HT 15-2	15' 3 3/8"	2	5.00	19.08	1373	1104	1386
HT 15-3	15' 3 3/8"	3	7.50	21.58	1831	1472	1773
HT 15-4	15' 3 3/8"	4	10.00	24.08	2289	1840	2160
HT 15-5	15' 3 3/8"	5	12.50	26.58	2747	2208	2547
HT 15-6	15' 3 3/8"	6	15.00	29.08	3205	2576	2934
HT 15-7	15' 3 3/8"	7	17.50	31.58	3663	2945	3321
HT 15-8	15' 3 3/8"	8	20.00	34.08	4121	3313	3707
HT 15-9	15' 3 3/8"	9	22.50	36.58	4579	3681	4094
HT 15-10	15' 3 3/8"	10	25.00	39.08	5037	4049	4481
HT 15-11	15' 3 3/8"	11	27.50	41.58	5495	4417	4868
HT 15-12	15' 3 3/8"	12	30.00	44.08	5953	4785	5255
HT 15-13	15' 3 3/8"	13	32.50	46.58	6411	5154	5642
HT 15-14	15' 3 3/8"	14	35.00	49.08	6869	5522	6028
HT 15-15	15' 3 3/8"	15	37.50	51.58	7327	5890	6415
HT 15-16	15' 3 3/8"	16	40.00	54.08	7785	6258	6802
HT 17-1	17' 2 1/4"	1	2.50	18.00	1243	999	1373
HT 17-2	17' 2 1/4"	2	5.00	20.50	1823	1465	1863
HT 17-3	17' 2 1/4"	3	7.50	23.00	2403	1932	2352
HT 17-4	17' 2 1/4"	4	10.00	25.50	2983	2398	2842
HT 17-5	17' 2 1/4"	5	12.50	28.00	3563	2864	3332
HT 17-6	17' 2 1/4"	6	15.00	30.50	4143	3330	3821
HT 17-7	17' 2 1/4"	7	17.50	33.00	4723	3797	4311
HT 17-8	17' 2 1/4"	8	20.00	35.50	5303	4263	4800
HT 17-9	17' 2 1/4"	9	22.50	38.00	5883	4729	5290
HT 17-10	17' 2 1/4"	10	25.00	40.50	6463	5195	5780
HT 17-11	17' 2 1/4"	11	27.50	43.00	7043	5662	6269
HT 17-12	17' 2 1/4"	12	30.00	45.50	7623	6128	6759
HT 17-13	17' 2 1/4"	13	32.50	48.00	8203	6594	7248
HT 17-14	17' 2 1/4"	14	35.00	50.50	8783	7060	7738
HT 17-15	17' 2 1/4"	15	37.50	53.00	9363	7527	8227
HT 17-16	17' 2 1/4"	16	40.00	55.50	9943	7993	8717

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		Rings	(in feet)	feet) †	Feet*	Normal Bushels*	Maximum Bushels**
HT 19-1	19' 1 3/16"	1	2.50	19.75	1681	1351	1860
HT 19-2	19' 1 3/16"	2	5.00	22.25	2397	1927	2465
HT 19-3	19' 1 3/16"	3	7.50	24.75	3113	2502	3069
HT 19-4	19' 1 3/16"	4	10.00	27.25	3829	3078	3674
HT 19-5	19' 1 3/16"	5	12.50	29.75	4545	3654	4279
HT 19-6	19' 1 3/16"	6	15.00	32.25	5261	4229	4883
HT 19-7	19' 1 3/16"	7	17.50	34.75	5977	4805	5488
HT 19-8	19' 1 3/16"	8	20.00	37.25	6693	5380	6092
HT 19-9	19' 1 3/16"	9	22.50	39.75	7409	5956	6697
HT 19-10	19' 1 3/16"	10	25.00	42.25	8125	6531	7302
HT 19-11	19' 1 3/16"	11	27.50	44.75	8841	7107	7906
HT 19-12	19' 1 3/16"	12	30.00	47.25	9557	7682	8511
HT 19-13	19' 1 3/16"	13	32.50	49.75	10273	8258	9115
HT 19-14	19' 1 3/16"	14	35.00	52.25	10989	8834	9720
HT 19-15	19' 1 3/16"	15	37.50	54.75	11705	9409	10324
HT 19-16	19' 1 3/16"	16	40.00	57.25	12421	9985	10929
HT 21-1	21'	1	2.50	21.08	2076	1668	2343
HT 21-2	21'	2	5.00	23.58	2942	2365	3074
HT 21-3	21'	3	7.50	26.08	3809	3061	3806
HT 21-4	21'	4	10.00	28.58	4675	3758	4537
HT 21-5	21'	5	12.50	31.08	5542	4455	5268
HT 21-6	21'	6	15.00	33.58	6408	5151	6000
HT 21-7	21'	7	17.50	36.08	7275	5848	6731
HT 21-8	21'	8	20.00	38.58	8141	6544	7463
HT 21-9	21'	9	22.50	41.08	9008	7241	8194
HT 21-10	21'	10	25.00	43.58	9875	7938	8925
HT 21-11	21'	11	27.50	46.08	10742	8635	9657
HT 21-12	21'	12	30.00	48.58	11609	9332	10388
HT 21-13	21'	13	32.50	51.08	12476	10029	11120
HT 21-14	21'	14	35.00	53.58	13343	10725	11851
HT 21-15	21'	15	37.50	56.08	14210	11422	12583
HT 21-16	21'	16	40.00	58.58	15077	12119	13314

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		Rings	(in feet)	feet) †	Feet*	Normal Bushels*	Maximum Bushels**
HT 25-1	24' 10"	1	2.50	23.67	3211	2581	3685
HT 25-2	24' 10"	2	5.00	26.17	4421	3554	4706
HT 25-3	24' 10"	3	7.50	28.67	5632	4527	5728
HT 25-4	24' 10"	4	10.00	31.17	6842	5500	6750
HT 25-5	24' 10"	5	12.50	33.67	8053	6473	7772
HT 25-6	24' 10"	6	15.00	36.17	9263	7446	8794
HT 25-7	24' 10"	7	17.50	38.67	10474	8419	9815
HT 25-8	24' 10"	8	20.00	41.17	11684	9392	10837
HT 25-9	24' 10"	9	22.50	43.67	12895	10365	11859
HT 25-10	24' 10"	10	25.00	46.17	14105	11338	12881
HT 25-11	24' 10"	11	27.50	48.67	15316	12311	13902
HT 25-12	24' 10"	12	30.00	51.17	16526	13285	14924
HT 25-13	24' 10"	13	32.50	53.67	17737	14258	15946
HT 25-14	24' 10"	14	35.00	56.17	18947	15231	16968
HT 25-15	24' 10"	15	37.50	58.67	20158	16204	17989
HT 25-16	24' 10"	16	40.00	61.17	21368	17177	19011
HT 25-17	24' 10"	17	42.50	63.67	22579	18150	20033

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