

COMMERCIAL HOPPER BINS CAPACITIES

	MODEL	MAX CAPACITY (BUSHEL) (BUSHEL)	MAX CAPACITY (FT3) (FT3)	EAVE HEIGHT (FEET) (FEET)	OVERALL HEIGHT (FEET) (FEET)	EAVE HEIGHT (METERS) (METERS)	OVERALL HEIGHT (METERS) (METERS)	MAX CAPACITY (M3) (M3)	MAX CAPACITY M/TON CORN (M/TON CORN)	MAX CAPACITY M/TON WHEAT (M/TON WHEAT)	MAX CAPACITY M/TON RICE (M/TON RICE)
15 ft. (4.57 M) Diameter	HTT15-6-45	2963	3478	25'-10"	30'-1"	7.87	9.17	98	75	81	60
	HTT15-7-45	3360	3945	28'-6"	32'-9"	8.69	9.98	112	85	91	69
	HTT15-8-45	3757	4411	31'-2"	35'-5"	9.50	10.79	125	95	102	77
	HTT15-9-45	4154	4877	33'-10"	38'-1"	10.31	11.61	138	106	113	85
	HTT15-10-45	4551	5343	36'-6"	40'-9"	11.12	12.42	151	116	124	93
	HTT15-11-45	4948	5810	39'-2"	43'-5"	11.94	13.23	165	126	135	101
45°	HTT15-12-45	5346	6276	41'-10"	46'-1"	12.75	14.05	178	136	145	109
	HTT15-13-45	5743	6742	44'-6"	48'-9"	13.56	14.86	191	146	156	117
	HTT15-14-45	6140	7208	47'-2"	51'-5"	14.38	15.67	204	156	167	125
	HTT15-15-45	6537	7675	49'-10"	54'-1"	15.19	16.48	217	166	178	133
15 ft. (4.57 M) Diameter	HTT15-6-60	3234	3797	31'-3"	35'-6"	9.53	10.82	108	82	88	66
	HTT15-7-60	3631	4263	33'-11"	38'-2"	10.34	11.63	121	92	99	74
	HTT15-8-60	4028	4729	36'-7"	40'-10"	11.15	12.45	134	102	110	82
	HTT15-9-60	4425	5195	39'-3"	43'-6"	11.96	13.26	147	112	120	90
	HTT15-10-60	4822	5662	41'-11"	46'-2"	12.78	14.07	160	123	131	98
	HTT15-11-60	5220	6128	44'-7"	48'-10"	13.59	14.88	174	133	142	106
60°	HTT15-12-60	5617	6594	47'-3"	51'-6"	14.40	15.70	187	143	153	115
	HTT15-13-60	6014	7060	49'-11"	54'-2"	15.21	16.51	200	153	164	123
	HTT15-14-60	6411	7527	52'-7"	56'-10"	16.03	17.32	213	163	174	131
18 ft. (5.49 M) Diameter	HTT18-6-45	4430	5200	27'-1"	32'-2"	8.25	9.81	147	113	121	90
	HTT18-7-45	5002	5872	29'-9"	34'-10"	9.06	10.62	166	127	136	102
	HTT18-8-45	5573	6543	32'-5"	37'-6"	9.88	11.43	185	142	152	114
	HTT18-9-45	6145	7215	35'-1"	40'-2"	10.69	12.25	204	156	167	125
	HTT18-10-45	6717	7886	37'-9"	42'-10"	11.50	13.06	223	171	183	137
	HTT18-11-45	7289	8558	40'-5"	45'-6"	12.31	13.87	242	185	198	149
	HTT18-12-45	7861	9229	43'-1"	48'-2"	13.13	14.68	261	200	214	160
	HTT18-13-45	8433	9901	45'-9"	50'-10"	13.94	15.50	280	214	229	172
	HTT18-14-45	9005	10572	48'-5"	53'-6"	14.75	16.31	299	229	245	184
	HTT18-15-45	9577	11243	51'-1"	56'-2"	15.57	17.12	318	243	261	195
	HTT18-16-45	10149	11915	53'-9"	58'-10"	16.38	17.93	337	258	276	207
HTT18-17-45	10721	12586	56'-5"	61'-6"	17.19	18.75	356	272	292	219	
18 ft. (5.49 M) Diameter	HTT18-6-60	4898	5751	33'-4"	38'-5"	10.16	11.72	163	124	133	100
	HTT18-7-60	5470	6422	36'-0"	41'-1"	10.97	12.53	182	139	149	112
	HTT18-8-60	6042	7093	38'-8"	43'-9"	11.79	13.34	201	154	164	123
	HTT18-9-60	6614	7765	41'-4"	46'-5"	12.60	14.16	220	168	180	135
	HTT18-10-60	7186	8436	44'-0"	49'-1"	13.41	14.97	239	183	195	147
	HTT18-11-60	7758	9108	46'-8"	51'-9"	14.23	15.78	258	197	211	158
	HTT18-12-60	8330	9779	49'-4"	54'-5"	15.04	16.59	277	212	227	170
	HTT18-13-60	8902	10451	52'-0"	57'-1"	15.85	17.41	296	226	242	182
	HTT18-14-60	9473	11122	54'-8"	59'-9"	16.66	18.22	315	241	258	193
	HTT18-15-60	10045	11793	57'-4"	62'-5"	17.48	19.03	334	255	273	205

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m³ (48.2 lb/ft³) | CORN: Approximately 721 kg/m³ (45 lb/ft³) | RICE: Approximately 579 kg/m³ (36.1 lb/ft³)

COMMERCIAL HOPPER BINS CAPACITIES

	MODEL	MAX CAPACITY (BUSHELLS)	MAX CAPACITY (FT3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE	
21 ft. (6.40 M) Diameter	HTT21-6-45	6252	7340	28'-4"	34'-4"	8.64	10.46	208	159	170	128	
	HTT21-7-45	7030	8253	31'-0"	37'	9.46	11.28	234	179	191	143	
	HTT21-8-45	7809	9167	33'-8"	39'-8"	10.27	12.09	260	198	212	159	
	HTT21-9-45	8587	10081	36'-4"	42'-4"	11.08	12.90	285	218	234	175	
	HTT21-10-45	9365	10995	39'-0"	45'	11.90	13.71	311	238	255	191	
	HTT21-11-45	10144	11909	41'-8"	47'-8"	12.71	14.53	337	258	276	207	
	HTT21-12-45	10922	12823	44'-4"	50'-4"	13.52	15.34	363	278	297	223	
	HTT21-13-45	11701	13737	47'-0"	53'	14.33	16.15	389	297	318	239	
	HTT21-14-45	12479	14651	49'-8"	55'-8"	15.15	16.97	415	317	339	255	
	HTT21-15-45	13258	15565	52'-4"	58'-4"	15.96	17.78	441	337	361	270	
	HTT21-16-45	14036	16478	55'-0"	61'	16.77	18.59	467	357	382	286	
	45°	HTT21-17-45	14814	17392	57'-8"	63'-8"	17.58	19.40	492	376	403	302
HTT21-18-45		15593	18306	60'-4"	66'-4"	18.40	20.22	518	396	424	318	
HTT21-19-45		16371	19220	63'-0"	69'	19.21	21.03	544	416	445	334	
21 ft. (6.40 M) Diameter		HTT21-6-60	6996	8213	35'-8"	41'-8"	10.88	12.70	233	178	190	143
		HTT21-7-60	7774	9127	38'-4"	44'-4"	11.69	13.51	258	198	211	159
		HTT21-8-60	8552	10041	41'-0"	47'-0"	12.51	14.33	284	217	233	175
		HTT21-9-60	9331	10955	43'-8"	49'-8"	13.32	15.14	310	237	254	190
		HTT21-10-60	10109	11869	46'-4"	52'-4"	14.13	15.95	336	257	275	206
		HTT21-11-60	10888	12782	49'-0"	55'-0"	14.95	16.76	362	277	296	222
		HTT21-12-60	11666	13696	51'-8"	57'-8"	15.76	17.58	388	296	317	238
		HTT21-13-60	12445	14610	54'-4"	60'-4"	16.57	18.39	414	316	339	254
		HTT21-14-60	13223	15524	57'-0"	63'-0"	17.38	19.20	440	336	360	270
	HTT21-15-60	14002	16438	59'-8"	65'-8"	18.20	20.02	465	356	381	286	
	HTT21-16-60	14780	17352	62'-4"	68'-4"	19.01	20.83	491	376	402	302	
	HTT21-17-60	15558	18266	65'-0"	71'-0"	19.82	21.64	517	395	423	317	
60°	HTT24-6-45	8456	9927	31'-1"	37'-11"	9.48	11.56	281	215	230	173	
	HTT24-7-45	9473	11121	33'-9"	40'-7"	10.29	12.37	315	241	258	193	
	HTT24-8-45	10489	12315	36'-5"	43'-3"	11.10	13.19	349	267	285	214	
	HTT24-9-45	11506	13508	39'-1"	45'-11"	11.92	14.00	383	292	313	235	
	HTT24-10-45	12523	14702	41'-9"	48'-7"	12.73	14.81	416	318	341	256	
	HTT24-11-45	13540	15896	44'-5"	51'-3"	13.54	15.63	450	344	368	276	
	HTT24-12-45	14556	17089	47'-1"	53'-11"	14.36	16.44	484	370	396	297	
	HTT24-13-45	15573	18283	49'-9"	56'-7"	15.17	17.25	518	396	424	318	
	HTT24-14-45	16590	19477	52'-5"	59'-3"	15.98	18.06	552	422	451	338	
	HTT24-15-45	17606	20670	55'-1"	61'-11"	16.79	18.88	585	447	479	359	
	HTT24-16-45	18623	21864	57'-9"	64'-7"	17.61	19.69	619	473	507	380	
	HTT24-17-45	19640	23058	60'-5"	67'-3"	18.42	20.50	653	499	534	401	
24 ft. (7.32 M) Diameter	HTT24-18-45	20657	24251	63'-1"	69'-11"	19.23	21.32	687	525	562	421	
	HTT24-19-45	21673	25445	65'-9"	72'-7"	20.05	22.13	721	551	590	442	
	45°	HTT27-6-40	10722	12588	30'-9"	38'-5"	9.37	11.72	356	272	292	219
		HTT27-7-40	12009	14099	33'-5"	41'-1"	10.19	12.53	399	305	327	245
		HTT27-8-40	13296	15609	36'-1"	43'-9"	11.00	13.34	442	338	362	271
		HTT27-9-40	14582	17120	38'-9"	46'-5"	11.81	14.16	485	371	397	298
		HTT27-10-40	15869	18631	41'-5"	49'-1"	12.62	14.97	528	403	432	324
		HTT27-11-40	17156	20141	44'-1"	51'-9"	13.44	15.78	570	436	467	350
		HTT27-12-40	18443	21652	46'-9"	54'-5"	14.25	16.60	613	469	502	376
		HTT27-13-40	19730	23163	49'-5"	57'-1"	15.06	17.41	656	501	537	403
		HTT27-14-40	21016	24674	52'-1"	59'-9"	15.88	18.22	699	534	572	429
		HTT27-15-40	22303	26184	54'-9"	62'-5"	16.69	19.03	741	567	607	455
HTT27-16-40		23590	27695	57'-5"	65'-1"	17.50	19.85	784	599	642	481	
HTT27-17-40		24877	29206	60'-1"	67'-9"	18.31	20.66	827	632	677	508	
40°	HTT27-18-40	26164	30717	62'-9"	70'-5"	19.13	21.47	870	665	712	534	
	HTT27-19-40	27450	32227	65'-5"	73'-1"	19.94	22.29	913	697	747	560	

Specifications and design are subject to change without notice. All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot (833 kg/m³). Cubic foot and cubic meter volumes are based on bin fill height 1" below eave level with grain peaked at the center using a 28 degree angle of repose. Maximum bushel capacities and metric ton capacities are based on 6% compaction.

COMMERCIAL HOPPER BINS CAPACITIES

	MODEL	MAX CAPACITY (BUSHELS)	MAX CAPACITY (FT3)	EAVE HEIGHT (FEET)	OVERALL HEIGHT (FEET)	EAVE HEIGHT (METERS)	OVERALL HEIGHT (METERS)	MAX CAPACITY (M3)	MAX CAPACITY M/TON CORN	MAX CAPACITY M/TON WHEAT	MAX CAPACITY M/TON RICE
30 ft. (9.15 M) Diameter	HTT30-6-40	13643	16017	32'-0"	40'-7"	9.75	12.36	454	347	371	278
	HTT30-7-40	15232	17882	34'-8"	43'-3"	10.57	13.17	506	387	414	311
	HTT30-8-40	16821	19748	37'-4"	45'-11"	11.38	13.99	559	427	458	343
	HTT30-9-40	18409	21613	40'-0"	48'-7"	12.19	14.80	612	468	501	376
	HTT30-10-40	19998	23478	42'-8"	51'-3"	13.00	15.61	665	508	544	408
	HTT30-11-40	21586	25343	45'-4"	53'-11"	13.82	16.42	718	548	587	440
	HTT30-12-40	23175	27208	48'-0"	56'-7"	14.63	17.24	770	589	630	473
	HTT30-13-40	24764	29073	50'-8"	59'-3"	15.44	18.05	823	629	674	505
	HTT30-14-40	26352	30938	53'-4"	61'-11"	16.26	18.86	876	670	717	538
	HTT30-15-40	27941	32803	56'-0"	64'-7"	17.07	19.68	929	710	760	570
	HTT30-16-40	29530	34668	58'-8"	67'-3"	17.88	20.49	982	750	803	603
	HTT30-17-40	31118	36533	61'-4"	69'-11"	18.69	21.30	1035	791	847	635
HTT30-18-40	32707	38399	64'-0"	72'-7"	19.51	22.11	1087	831	890	667	
HTT30-19-40	34296	40264	66'-8"	75'-3"	20.32	22.93	1140	871	933	700	
33 ft. (10.06 M) Diameter	HTT33-6-40	17000	19958	33'-4"	42'-9"	10.15	13.03	565	432	462	347
	HTT33-7-40	18922	22215	36'	45'-5"	10.97	13.84	629	481	515	386
	HTT33-8-40	20844	24472	38'-8"	48'-1"	11.78	14.66	693	530	567	425
	HTT33-9-40	22767	26728	41'-4"	50'-9"	12.59	15.47	757	578	619	465
	HTT33-10-40	24689	28985	44'	53'-5"	13.40	16.28	821	627	672	504
	HTT33-11-40	26611	31242	46'-8"	56'-1"	14.22	17.09	885	676	724	543
	HTT33-12-40	28533	33499	49'-4"	58'-9"	15.03	17.91	949	725	776	582
	HTT33-13-40	30456	35755	52'	61'-5"	15.84	18.72	1012	774	829	621
	HTT33-14-40	32378	38012	54'-8"	64'-1"	16.66	19.53	1076	823	881	661
	HTT33-15-40	34300	40269	57'-4"	66'-9"	17.47	20.34	1140	871	933	700
	HTT33-16-40	36222	42526	60'	69'-5"	18.28	21.16	1204	920	985	739
	HTT33-17-40	38145	44782	62'-8"	72'-1"	19.09	21.97	1268	969	1038	778
HTT33-18-40	40067	47039	65'-4"	74'-9"	19.91	22.78	1332	1018	1090	818	
HTT33-19-40	41989	49296	68'	77'-5"	20.72	23.60	1396	1067	1142	857	
36 ft. (10.97 M) Diameter	HTT36-6-40	20816	24438	34'-7"	44'-10"	10.54	13.68	692	529	566	425
	HTT36-7-40	23104	27124	37'-3"	47'-6"	11.35	14.49	768	587	629	471
	HTT36-8-40	25391	29810	39'-11"	50'-2"	12.17	15.30	844	645	691	518
	HTT36-9-40	27679	32496	42'-7"	52'-10"	12.98	16.12	920	703	753	565
	HTT36-10-40	29967	35181	45'-3"	55'-6"	13.79	16.93	996	761	815	611
	HTT36-11-40	32254	37867	47'-11"	58'-2"	14.60	17.74	1072	819	877	658
	HTT36-12-40	34542	40553	50'-7"	60'-10"	15.42	18.55	1148	878	940	705
	HTT36-13-40	36830	43238	53'-3"	63'-6"	16.23	19.37	1224	936	1002	751
	HTT36-14-40	39117	45924	55'-11"	66'-2"	17.04	20.18	1300	994	1064	798
	HTT36-15-40	41405	48610	58'-7"	68'-10"	17.86	20.99	1376	1052	1126	845
	HTT36-16-40	43693	51296	61'-3"	71'-6"	18.67	21.80	1453	1110	1189	891
	HTT36-17-40	45980	53981	63'-11"	74'-2"	19.48	22.62	1529	1168	1251	938
HTT36-18-40	48268	56667	66'-7"	76'-10"	20.29	23.43	1605	1226	1313	985	
HTT36-19-40	50555	59353	69'-3"	79'-6"	21.11	24.24	1681	1284	1375	1032	

TYPICAL GRAIN DENSITIES - WHEAT: Approximately 772 kg/m³ (48.2 lb/ft³) | CORN: Approximately 721 kg/m³ (45 lb/ft³) | RICE: Approximately 579 kg/m³ (36.1 lb/ft³)

Specifications and design are subject to change without notice. All bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot (833 kg/m³). Cubic foot and cubic meter volumes are based on bin fill height 1" below eave level with grain peaked at the center using a 28 degree angle of repose. Maximum bushel capacities and metric ton capacities are based on 6% compaction.