

	Model	Maximum Capacity (Bushels)	Capacity (Cubic Feet)	Eave Height (Feet)	Peak Height (Feet)	Eave Height (Meters)	Peak Height (Meters)	Capacity (Cubic Meters)	M/TON Wheat	M/TON Corn	M/TON Rice
15 Ft (4.57 M) Diameter 45° Slope	HTT15-8-45	3757	4411	31'-2"	35'-4"	9.50	10.77	125	106	95	77
	HTT15-9-45	4154	4877	33'-10"	38'-0"	10.31	11.58	138	117	106	85
	HTT15-10-45	4551	5343	36'-6"	40'-8"	11.12	12.40	151	128	116	93
	HTT15-11-45	4948	5810	39'-2"	43'-4"	11.94	13.21	165	140	126	101
	HTT15-12-45	5346	6276	41'-10"	46'-0"	12.75	14.02	178	151	136	109
	HTT15-13-45	5743	6742	44'-6"	48'-8"	13.56	14.83	191	162	146	117
	HTT15-14-45	6140	7208	47'-2"	51'-4"	14.38	15.65	204	173	156	125
HTT15-15-45	6537	7675	49'-10"	54'-0"	15.19	16.46	217	184	166	134	
15 Ft (4.57 M) Diameter 60° Slope	HTT15-6-60	3234	3797	30'-7"	34'-9"	9.32	10.59	108	91	82	66
	HTT15-7-60	3631	4263	33'-3"	37'-5"	10.13	11.40	121	102	92	74
	HTT15-8-60	4028	4729	35'-11"	40'-1"	10.95	12.22	134	114	102	82
	HTT15-9-60	4425	5195	38'-7"	42'-9"	11.76	13.03	147	125	112	90
	HTT15-10-60	4822	5662	41'-3"	45'-5"	12.57	13.84	160	136	123	99
	HTT15-11-60	5220	6128	43'-11"	48'-1"	13.38	14.66	174	147	133	107
	HTT15-12-60	5617	6594	46'-7"	50'-9"	14.20	15.47	187	158	143	115
HTT15-13-60	6014	7060	49'-3"	53'-5"	15.01	16.28	200	170	153	123	
HTT15-14-60	6411	7527	51'-11"	56'-1"	15.82	17.09	213	181	163	131	
18 Ft (5.49 M) Diameter 45° Slope	HTT18-7-45	5002	5872	30'-1"	35'-2"	9.17	10.72	166	141	127	102
	HTT18-8-45	5573	6543	32'-9"	37'-10"	9.98	11.53	185	157	142	114
	HTT18-9-45	6145	7215	35'-5"	40'-6"	10.80	12.34	204	173	156	126
	HTT18-10-45	6717	7886	38'-1"	43'-2"	11.61	13.16	223	189	171	137
	HTT18-11-45	7289	8558	40'-9"	45'-10"	12.42	13.97	242	205	185	149
	HTT18-12-45	7861	9229	43'-5"	48'-6"	13.23	14.78	261	222	200	161
	HTT18-13-45	8433	9901	46'-1"	51'-2"	14.05	15.60	280	238	214	172
HTT18-14-45	9005	10572	48'-9"	53'-10"	14.86	16.41	299	254	229	184	
HTT18-15-45	9577	11243	51'-5"	56'-6"	15.67	17.22	318	270	243	196	
HTT18-16-45	10149	11915	54'-1"	59'-2"	16.49	18.03	337	286	258	207	
HTT18-17-45	10721	12586	56'-9"	61'-10"	17.30	18.85	356	302	272	219	
18 Ft (5.49 M) Diameter 60° Slope	HTT18-6-60	4898	5751	33'-4"	38'-5"	10.16	11.71	163	138	124	100
	HTT18-7-60	5470	6422	36'-0"	41'-1"	10.97	12.52	182	154	139	112
	HTT18-8-60	6042	7093	38'-8"	43'-9"	11.79	13.34	201	170	154	123
	HTT18-9-60	6614	7765	41'-4"	46'-5"	12.60	14.15	220	186	168	135
	HTT18-10-60	7186	8436	44'-0"	49'-1"	13.41	14.96	239	203	183	147
	HTT18-11-60	7758	9108	46'-8"	51'-9"	14.23	15.77	258	219	197	159
	HTT18-12-60	8330	9779	49'-4"	54'-5"	15.04	16.59	277	235	212	170
HTT18-13-60	8902	10451	52'-0"	57'-1"	15.85	17.40	296	251	226	182	
HTT18-14-60	9473	11122	54'-8"	59'-9"	16.66	18.21	315	267	241	194	
HTT18-15-60	10045	11793	57'-4"	62'-5"	17.48	19.03	334	283	255	205	
21 Ft (6.4 M) Diameter 45° Slope	HTT21-7-45	7030	8253	31'-7"	37'-8"	9.63	11.48	234	198	179	144
	HTT21-8-45	7809	9167	34'-3"	40'-4"	10.44	12.29	260	220	198	160
	HTT21-9-45	8587	10081	36'-11"	43'-0"	11.25	13.11	285	242	218	176
	HTT21-10-45	9365	10995	39'-7"	45'-8"	12.07	13.92	311	264	238	191
	HTT21-11-45	10144	11909	42'-3"	48'-4"	12.88	14.73	337	286	258	207
	HTT21-12-45	10922	12823	44'-11"	51'-0"	13.69	15.54	363	308	278	223
	HTT21-13-45	11701	13737	47'-7"	53'-8"	14.50	16.36	389	330	297	239
HTT21-14-45	12479	14651	50'-3"	56'-4"	15.32	17.17	415	352	317	255	
HTT21-15-45	13258	15565	52'-11"	59'-0"	16.13	17.98	441	374	337	271	
HTT21-16-45	14036	16478	55'-7"	61'-8"	16.94	18.80	467	396	357	287	
HTT21-17-45	14814	17392	58'-3"	64'-4"	17.76	19.61	492	418	376	303	
HTT21-18-45	15593	18306	60'-11"	67'-0"	18.57	20.42	518	440	396	319	
HTT21-19-45	16371	19220	63'-7"	69'-8"	19.38	21.23	544	462	416	335	
21 Ft (6.4 M) Diameter 60° Slope	HTT21-6-60	6996	8213	36'-1"	42'-2"	11.00	12.85	233	197	178	143
	HTT21-7-60	7774	9127	38'-9"	44'-10"	11.81	13.66	258	219	198	159
	HTT21-8-60	8552	10041	41'-5"	47'-6"	12.62	14.48	284	241	217	175
	HTT21-9-60	9331	10955	44'-1"	50'-2"	13.44	15.29	310	263	237	191
	HTT21-10-60	10109	11869	46'-9"	52'-10"	14.25	16.10	336	285	257	207
	HTT21-11-60	10888	12782	49'-5"	55'-6"	15.06	16.91	362	307	277	223
	HTT21-12-60	11666	13696	52'-1"	58'-2"	15.87	17.73	388	329	296	238
HTT21-13-60	12445	14610	54'-9"	60'-10"	16.69	18.54	414	351	316	254	
HTT21-14-60	13223	15524	57'-5"	63'-6"	17.50	19.35	440	373	336	270	
HTT21-15-60	14002	16438	60'-1"	66'-2"	18.31	20.17	465	395	356	286	
HTT21-16-60	14780	17352	62'-9"	68'-10"	19.13	20.98	491	417	376	302	
HTT21-17-60	15558	18266	65'-5"	71'-6"	19.94	21.79	517	439	395	318	
24 Ft (7.31 M) Diameter 45° Slope	HTT24-10-45	12523	14702	41'-1"	48'-1"	12.52	14.66	416	353	318	256
	HTT24-11-45	13540	15896	43'-9"	50'-9"	13.34	15.47	450	382	344	277
	HTT24-12-45	14556	17089	46'-5"	53'-5"	14.15	16.28	484	410	370	298
	HTT24-13-45	15573	18283	49'-1"	56'-1"	14.96	17.10	518	439	396	318
	HTT24-14-45	16590	19477	51'-9"	58'-9"	15.77	17.91	552	468	422	339
	HTT24-15-45	17606	20670	54'-5"	61'-5"	16.59	18.72	585	496	447	360
	HTT24-16-45	18623	21864	57'-1"	64'-1"	17.40	19.53	619	525	473	381
HTT24-17-45	19640	23058	59'-9"	66'-9"	18.21	20.35	653	554	499	401	
HTT24-18-45	20657	24251	62'-5"	69'-5"	19.03	21.16	687	582	525	422	
HTT24-19-45	21673	25445	65'-1"	72'-1"	19.84	21.97	721	611	551	443	



Leading Grain Storage Solutions

No brand performs better than MFS-Stormor when it comes to delivering complete grain storage solutions—specifically designed to meet your unique business needs. Here's how:

- ### Superior Roofing Options
- ✔ Z-Way™ Structured Roofing System
 - ✔ Non-structured Roofing System
 - ✔ Super deep roof ribs, full double-overlap
 - ✔ Durable galvanized designs

- ### Durable Sidewall Panels
- ✔ 2.66-inch (6.76 cm) corrugated steel panels
 - ✔ Commercial grade galvanized coating
 - ✔ G-90 standard coating
 - ✔ G-140 optional coating
 - ✔ 3/8" sidewall bolts, layered for strength
 - ✔ Secure, easy to install valley punch pattern

- ### Powerful Stiffener Columns & Support Rings
- ✔ Perfectly matched and engineered
 - ✔ 2-stiffener per panel design
 - ✔ Standard external stiffeners

- ### Strong Support Legs/Columns
- ✔ Wide-flanged beams
 - ✔ Heavy-duty tie-rod braces
 - ✔ Solid steel substructure

- ### Hopper Cone Steep-Slope Options
- ✔ 45-degree slope for 15-24' bins
 - ✔ 40-degree slope for larger diameter bins
 - ✔ 60-degree slope for 15-21' bins
 - ✔ Large 14-inch (35.56 cm) discharge port
 - ✔ Heavy duty rack & pinion gate design

- ### Reliable Fasteners
- ✔ High-strength, zinc-coated fasteners
 - ✔ 3/8" (9.5 mm) sidewall bolts
 - ✔ Bolt options up to commercial grade 8.2
 - ✔ Water-tight neoprene seal on roofs and walls

(continued on back)

COMMERCIAL HOPPER BOTTOM BINS/SILOS



	Model	Maximum Capacity (Bushels)	Capacity (Cubic Feet)	Eave Height (Feet)	Peak Height (Feet)	Eave Height (Meters)	Peak Height (Meters)	Capacity (Cubic Meters)	M/TON Wheat	M/TON Corn	M/TON Rice
27 Ft (8.23 M) Diameter 40° Slope	HTT27-10	15869	18631	41'-5"	49'-5"	12.62	15.06	528	447	403	324
	HTT27-11	17156	20141	44'-1"	52'-1"	13.44	15.88	570	484	436	351
	HTT27-12	18443	21652	46'-9"	54'-9"	14.25	16.69	613	520	469	377
	HTT27-13	19730	23163	49'-5"	57'-5"	15.06	17.50	656	556	501	403
	HTT27-14	21016	24674	52'-1"	60'-1"	15.88	18.31	699	592	534	430
	HTT27-15	22303	26184	54'-9"	62'-9"	16.69	19.13	741	629	567	456
	HTT27-16	23590	27695	57'-5"	65'-5"	17.50	19.94	784	665	599	482
	HTT27-17	24877	29206	60'-1"	68'-1"	18.31	20.75	827	701	632	508
	HTT27-18	26164	30717	62'-9"	70'-9"	19.13	21.56	870	738	665	535
HTT27-19	27450	32227	65'-5"	73'-5"	19.94	22.38	913	774	697	561	
30 Ft (9.14 M) Diameter 40° Slope	HTT30-10	19998	23478	42'-8"	51'-7"	13.00	15.72	665	564	508	409
	HTT30-11	21586	25343	45'-4"	54'-3"	13.82	16.54	718	609	548	441
	HTT30-12	23175	27208	48'-0"	56'-11"	14.63	17.35	770	653	589	474
	HTT30-13	24764	29073	50'-8"	59'-7"	15.44	18.16	823	698	629	506
	HTT30-14	26352	30938	53'-4"	62'-3"	16.26	18.97	876	743	670	539
	HTT30-15	27941	32803	56'-0"	64'-11"	17.07	19.79	929	788	710	571
	HTT30-16	29530	34668	58'-8"	67'-7"	17.88	20.60	982	832	750	604
	HTT30-17	31118	36533	61'-4"	70'-3"	18.69	21.41	1035	877	791	636
	HTT30-18	32707	38399	64'-0"	72'-11"	19.51	22.23	1087	922	831	668
HTT30-19	34296	40264	66'-8"	75'-7"	20.32	23.04	1140	967	871	701	
33 Ft (10.06 M) Diameter 40° Slope	HTT33-10	24689	28985	43'-11"	53'-10"	13.39	16.41	821	696	627	505
	HTT33-11	26611	31242	46'-7"	56'-6"	14.20	17.22	885	750	676	544
	HTT33-12	28533	33499	49'-3"	59'-2"	15.01	18.04	949	804	725	583
	HTT33-13	30456	35755	51'-11"	61'-10"	15.82	18.85	1012	859	774	622
	HTT33-14	32378	38012	54'-7"	64'-6"	16.64	19.66	1076	913	823	662
	HTT33-15	34300	40269	57'-3"	67'-2"	17.45	20.47	1140	967	871	701
	HTT33-16	36222	42526	59'-11"	69'-10"	18.26	21.29	1204	1021	920	740
	HTT33-17	38145	44782	62'-7"	72'-6"	19.08	22.10	1268	1075	969	780
	HTT33-18	40067	47039	65'-3"	75'-2"	19.89	22.91	1332	1130	1018	819
HTT33-19	41989	49296	67'-11"	77'-10"	20.70	23.72	1396	1184	1067	858	
36 Ft (10.97 M) Diameter 40° Slope	HTT36-10	29967	35181	45'-3"	56'-1"	13.79	17.09	996	845	761	612
	HTT36-11	32254	37867	47'-11"	58'-9"	14.60	17.90	1072	909	819	659
	HTT36-12	34542	40553	50'-7"	61'-5"	15.42	18.72	1148	974	876	706
	HTT36-13	36830	43238	53'-3"	64'-1"	16.23	19.53	1224	1038	936	753
	HTT36-14	39117	45924	55'-11"	66'-9"	17.04	20.34	1300	1103	994	800
	HTT36-15	41405	48610	58'-7"	69'-5"	17.86	21.16	1376	1167	1052	846
	HTT36-16	43693	51296	61'-3"	72'-1"	18.67	21.97	1453	1232	1110	893
	HTT36-17	45980	53981	63'-11"	74'-9"	19.48	22.78	1529	1296	1168	940
	HTT36-18	48268	56667	66'-7"	77'-5"	20.29	23.59	1605	1361	1226	987
HTT36-19	50555	59353	69'-3"	80'-1"	21.11	24.41	1681	1425	1284	1033	

- (1) Specifications and designs are subject to change without notice.
- (2) All commercial bins are designed for the storage of grain and other free-flowing materials weighing up to 52 lbs. per cubic foot (833 kg/m³).
- (3) Cubic foot and cubic meter volumes are based on a measurement of 1" (2.5 cm) below the bin eave height with grain peaked at the center using a 28 degree angle of repose.

- (4) Maximum bushel and metric ton capacities are based on 6% compaction and the following grain densities and roof slope:
 - ▶ Wheat: 800 kg/m³
 - ▶ Corn: 721 kg/m³
 - ▶ Rice: 580 kg/m³
 - ▶ 15'-36' diameter bins/silos using 32° roof

- (5) Peak height will vary slightly if using a structural roof for 30'-36' diameter models.
- (6) Shorter tanks are available for all diameters. Taller ring heights are available in some diameters.



MFS / YORK / STORMOR

A Division of GLOBAL Industries, Inc.

Corporate Headquarters
 2928 East Highway 30
 Grand Island, Nebraska, USA 68801
 Phone: +1.308.384.9320 Fax: +1.308.382.6954
 E-mail: sales@mfsyork.com
 www.mfsyork.com