

CONVENTIONAL COMMERCIAL SILOS

Model	Capacity (bushels)	Volume (ft <sup>3</sup> )	Diameter (feet)	Eave Height (feet)	Overall Height (feet)	M/TON Wheat	M/TON Rice
521-12	7,224	8,478	31.0	18'-0"	54'-8"	19.6	14.7
521-13	8,148	9,522	33.0	18'-0"	60'-8"	21.1	15.8
521-14	9,216	10,668	35.0	18'-0"	66'-8"	22.7	17.0
521-15	10,344	11,844	37.0	18'-0"	72'-8"	24.2	18.2
521-16	11,532	13,056	39.0	18'-0"	78'-8"	25.8	19.4
521-17	12,780	14,316	41.0	18'-0"	84'-8"	27.3	20.5
521-18	14,088	15,624	43.0	18'-0"	90'-8"	28.8	21.6
521-19	15,456	17,004	45.0	18'-0"	96'-8"	30.3	22.7
521-20	16,884	18,456	47.0	18'-0"	102'-8"	31.8	23.8
521-21	18,372	19,980	49.0	18'-0"	108'-8"	33.3	24.9
521-22	19,920	21,576	51.0	18'-0"	114'-8"	34.8	26.0
521-23	21,528	23,244	53.0	18'-0"	120'-8"	36.3	27.1
521-24	23,196	24,996	55.0	18'-0"	126'-8"	37.8	28.2
521-25	24,924	26,820	57.0	18'-0"	132'-8"	39.3	29.3
521-26	26,712	28,716	59.0	18'-0"	138'-8"	40.8	30.4
521-27	28,560	30,684	61.0	18'-0"	144'-8"	42.3	31.5
521-28	30,468	32,724	63.0	18'-0"	150'-8"	43.8	32.6
521-29	32,436	34,836	65.0	18'-0"	156'-8"	45.3	33.7
521-30	34,464	37,020	67.0	18'-0"	162'-8"	46.8	34.8
521-31	36,552	39,288	69.0	18'-0"	168'-8"	48.3	35.9
521-32	38,700	41,632	71.0	18'-0"	174'-8"	49.8	37.0
521-33	40,908	44,052	73.0	18'-0"	180'-8"	51.3	38.1
521-34	43,176	46,548	75.0	18'-0"	186'-8"	52.8	39.2
521-35	45,504	49,116	77.0	18'-0"	192'-8"	54.3	40.3
521-36	47,892	51,756	79.0	18'-0"	198'-8"	55.8	41.4
521-37	50,340	54,468	81.0	18'-0"	204'-8"	57.3	42.5
521-38	52,848	57,252	83.0	18'-0"	210'-8"	58.8	43.6
521-39	55,416	60,108	85.0	18'-0"	216'-8"	60.3	44.7
521-40	58,044	63,036	87.0	18'-0"	222'-8"	61.8	45.8
521-41	60,732	66,036	89.0	18'-0"	228'-8"	63.3	46.9
521-42	63,480	69,108	91.0	18'-0"	234'-8"	64.8	48.0
521-43	66,288	72,252	93.0	18'-0"	240'-8"	66.3	49.1
521-44	69,156	75,468	95.0	18'-0"	246'-8"	67.8	50.2
521-45	72,084	78,744	97.0	18'-0"	252'-8"	69.3	51.3
521-46	75,072	82,080	99.0	18'-0"	258'-8"	70.8	52.4
521-47	78,120	85,584	101.0	18'-0"	264'-8"	72.3	53.5
521-48	81,228	89,152	103.0	18'-0"	270'-8"	73.8	54.6
521-49	84,396	92,784	105.0	18'-0"	276'-8"	75.3	55.7
521-50	87,624	96,480	107.0	18'-0"	282'-8"	76.8	56.8
521-51	90,912	100,236	109.0	18'-0"	288'-8"	78.3	57.9
521-52	94,260	104,052	111.0	18'-0"	294'-8"	79.8	59.0
521-53	97,668	107,928	113.0	18'-0"	300'-8"	81.3	60.1
521-54	101,136	111,864	115.0	18'-0"	306'-8"	82.8	61.2
521-55	104,664	115,860	117.0	18'-0"	312'-8"	84.3	62.3
521-56	108,252	120,912	119.0	18'-0"	318'-8"	85.8	63.4
521-57	111,900	126,024	121.0	18'-0"	324'-8"	87.3	64.5
521-58	115,608	131,196	123.0	18'-0"	330'-8"	88.8	65.6
521-59	119,376	136,428	125.0	18'-0"	336'-8"	90.3	66.7
521-60	123,204	141,720	127.0	18'-0"	342'-8"	91.8	67.8
521-61	127,092	147,072	129.0	18'-0"	348'-8"	93.3	68.9
521-62	131,040	152,484	131.0	18'-0"	354'-8"	94.8	70.0
521-63	135,048	157,956	133.0	18'-0"	360'-8"	96.3	71.1
521-64	139,116	163,488	135.0	18'-0"	366'-8"	97.8	72.2
521-65	143,244	169,080	137.0	18'-0"	372'-8"	99.3	73.3
521-66	147,432	174,732	139.0	18'-0"	378'-8"	100.8	74.4
521-67	151,680	180,444	141.0	18'-0"	384'-8"	102.3	75.5
521-68	156,000	186,216	143.0	18'-0"	390'-8"	103.8	76.6
521-69	160,380	192,048	145.0	18'-0"	396'-8"	105.3	77.7
521-70	164,820	197,940	147.0	18'-0"	402'-8"	106.8	78.8
521-71	169,320	203,892	149.0	18'-0"	408'-8"	108.3	79.9
521-72	173,880	209,904	151.0	18'-0"	414'-8"	109.8	81.0
521-73	178,500	215,976	153.0	18'-0"	420'-8"	111.3	82.1
521-74	183,180	222,108	155.0	18'-0"	426'-8"	112.8	83.2
521-75	187,920	228,300	157.0	18'-0"	432'-8"	114.3	84.3
521-76	192,720	234,552	159.0	18'-0"	438'-8"	115.8	85.4
521-77	197,580	240,864	161.0	18'-0"	444'-8"	117.3	86.5
521-78	202,500	247,236	163.0	18'-0"	450'-8"	118.8	87.6
521-79	207,480	253,668	165.0	18'-0"	456'-8"	120.3	88.7
521-80	212,520	260,160	167.0	18'-0"	462'-8"	121.8	89.8
521-81	217,620	266,712	169.0	18'-0"	468'-8"	123.3	90.9
521-82	222,780	273,324	171.0	18'-0"	474'-8"	124.8	92.0
521-83	228,000	280,000	173.0	18'-0"	480'-8"	126.3	93.1
521-84	233,280	286,744	175.0	18'-0"	486'-8"	127.8	94.2
521-85	238,616	293,556	177.0	18'-0"	492'-8"	129.3	95.3
521-86	244,008	300,432	179.0	18'-0"	498'-8"	130.8	96.4
521-87	249,456	307,372	181.0	18'-0"	504'-8"	132.3	97.5
521-88	254,960	314,376	183.0	18'-0"	510'-8"	133.8	98.6
521-89	260,520	321,444	185.0	18'-0"	516'-8"	135.3	99.7
521-90	266,136	328,576	187.0	18'-0"	522'-8"	136.8	100.8
521-91	271,808	335,772	189.0	18'-0"	528'-8"	138.3	101.9
521-92	277,536	343,032	191.0	18'-0"	534'-8"	139.8	103.0
521-93	283,320	350,356	193.0	18'-0"	540'-8"	141.3	104.1
521-94	289,160	357,744	195.0	18'-0"	546'-8"	142.8	105.2
521-95	295,056	365,196	197.0	18'-0"	552'-8"	144.3	106.3
521-96	301,008	372,712	199.0	18'-0"	558'-8"	145.8	107.4
521-97	307,016	380,292	201.0	18'-0"	564'-8"	147.3	108.5
521-98	313,080	387,936	203.0	18'-0"	570'-8"	148.8	109.6
521-99	319,200	395,644	205.0	18'-0"	576'-8"	150.3	110.7
521-100	325,376	403,416	207.0	18'-0"	582'-8"	151.8	111.8

Typical Grain Elevator  
 Capacity: 100,000 bushels  
 Volume: 120,000 ft<sup>3</sup>  
 Diameter: 120 feet  
 Eave Height: 120 feet  
 Overall Height: 120 feet  
 M/TON Wheat: 120  
 M/TON Rice: 120

WHOLE APPROXIMATELY 48 bushels  
 CORN APPROXIMATELY 121 bushels  
 RICE APPROXIMATELY 57 bushels (84 bushels)

Back to Catalog

Specifications and design are subject to change without notice. All commercial elevators are designed for the storage of grain and other flowing materials weighing up to 50 lbs per cubic foot. Calculate floor and eave column volumes are based on the height of 1' below the floor level. The center using a 50 degree angle of repose. Minimum eave column capacities and metric ton capacities are based on 68° compaction.

Back to Catalog