

### MULTI-PURPOSE FERTILIZER BINS

Model #	Bushels	Cubic Feet	Imp. Tons	Metric Tons	Bin Height	Min. Auger
<b>12' Diameter Bins - 45 Degree Bottom Cone</b>						
1205	806	949	29	27	16' 8"	36'
1208	1095	1288	40	36	19' 8"	36'
1210	1287	1514	47	43	21' 8"	41'
1212	1479	1740	54	49	23' 8"	46'
1215	1768	2080	64	58	26' 8"	51'
<b>14' Diameter Bins - 45 Degree Bottom Cone</b>						
1410	1826	2149	67	60	23' 3"	41'
1412	2088	2457	76	69	25' 3"	46'
1415	2481	2918	90	82	28' 3"	51'
1417	2742	3226	100	91	30' 3"	56'
1420	3135	3688	114	104	33' 3"	61'
<b>16' Diameter Bins - 40 Degree Bottom Cone</b>						
1610	2410	2836	88	80	23' 11"	41'
1612	2751	3237	100	91	25' 11"	46'
1615	3264	3840	119	108	28' 11"	51'
1617	3606	4242	132	119	30' 11"	56'
1620	4119	4845	150	136	33' 11"	61'
1625	4973	5851	181	165	38' 11"	71'
1630	5828	6856	213	193	43' 11"	71'
<b>18' Diameter Bins - 40 Degree Bottom Cone (FOB Build Plant)</b>						
1810	3161	3719	115	105	25' 6"	46'
1815	4242	4991	155	140	30' 6"	51'
1820	5324	6263	194	176	35' 6"	61'
1825	6405	7536	234	212	40' 6"	71'
<b>15'6" Diameter Bins - 40 Degree Bottom Cone (Available for NW USA Destinations)</b>						
1510	2241	2636	82	74	23' 9"	41'
1512	2561	3013	93	85	25' 9"	46'
1515	3043	3580	111	101	28' 9"	51'
1517	3363	3957	123	111	30' 9"	56'
1520	3845	4523	140	127	33' 9"	61'
1525	4646	5466	169	154	38' 9"	71'
1530	5448	6410	199	180	43' 9"	71'

### LIQUID BINS

Model #	Imp. Gallons	U.S. Gallons	Bushels	Cubic Feet	Imp. Tons	Metric Tons	Bin Height	Min. Auger
1212L	10878	13074	1479	1740	54	49	23' 8"	46'
1412L	15354	18449	2088	2457	76	69	25' 3"	46'
1612L	20230	24305	2751	3237	100	91	25' 11"	46'
1615L	24000	28832	3264	3840	119	108	28' 11"	51'
1617L	26514	31850	3606	4242	132	119	30' 11"	56'
1620L	30284	36378	4119	4845	150	136	33' 11"	61'
<b>15'6" Diameter Bins - 40 Degree Bottom Cone (Available for NW USA Destinations)</b>								
1512	18770	22542	2561	3013	93	85	25' 9"	46'
1515	22296	26777	3043	3580	111	101	28' 9"	51'
1517	24647	29600	3363	3957	123	111	30' 9"	56'
1520	28173	33834	3845	4523	140	127	33' 9"	61'

### FEED BINS

Model #	Bushels	Cubic Feet	Imp. Tons	Metric Tons	Bin Height	Min. Auger
<b>7 Diameter Bins - 60 Degree Bottom Cone</b>						
705	225	300	6	5.4	14' 3"	4
708	353	415	8.3	7.5	17' 3"	4
710	419	492	9.8	8.9	19' 3"	4
<b>8 Diameter Bins - 55 Degree Bottom Cone</b>						
808	462	543	10.9	9.9	17' 6"	4
810	547	644	12.9	11.7	19' 6"	4
812	633	744	14.9	13.5	21' 6"	4
<b>9 Diameter Bins - 55 Degree Bottom Cone</b>						
910	712	838	16.8	15.2	20' 6"	6
912	820	965	19.3	17.5	22' 6"	6
915	983	1156	23.1	21	25' 6"	6
<b>10 Diameter Bins - 55 Degree Bottom Cone</b>						
1010	903	1063	21.3	19.3	21' 8"	6
1012	1037	1220	24.4	22.1	23' 8"	6
1015	1237	1455	29.1	26.4	26' 8"	6

### STEEP CONE

Model #	Bushels	Cubic Feet	Imp. Tons	Metric Tons	Bin Height	Min. Auger
<b>12' Diameter Bins - 55° Bottom Cone</b>						
1205-55	889	1045	32	29	18' 10"	36'
1208-55	1177	1385	43	39	21' 10"	41'
1210-55	1369	1611	50	45	23' 10"	41'
1212-55	1562	1837	57	52	25' 10"	46'
1215-55	1850	2176	67	61	28' 10"	51'
<b>14' Diameter Bins - 55° Bottom Cone</b>						
1410-55	1957	2302	71	65	25' 11"	46'
1412-55	2219	2610	81	73	27' 11"	51'
1415-55	2611	3072	95	86	30' 11"	56'
1417-55	2873	3380	105	95	32' 11"	61'
1420-55	3266	3842	119	108	35' 11"	61'
<b>16' Diameter Bins - 55° Bottom Cone</b>						
1610-55	2678	3150	98	89	28' 11"	51'
1612-55	3020	3552	110	100	30' 11"	56'
1615-55	3532	4156	129	117	33' 11"	61'
1617-55	3874	4558	141	128	35' 11"	61'
1620-55	4387	5161	160	145	38' 11"	71'
1625-55	5241	6166	191	173	43' 11"	71'
1630-55	6096	7172	222	202	48' 11"	81'
<b>15'6" Diameter Bins - 55° Bottom Cone (Available for NW USA Destinations)</b>						
1510-55	2484	2923	91	82	27' 11"	51'
1512-55	2805	3300	102	93	29' 11"	56'
1515-55	3286	3866	120	109	32' 11"	61'
1517-55	3607	4244	132	119	34' 11"	61'
1520-55	4088	4810	149	135	37' 11"	71'
1525-55	4890	5753	178	162	42' 11"	71'
1530-55	5692	6697	208	188	47' 11"	81'

### GRAIN MAX

Model #	Bushels	Cubic Feet	Bin Diameter	Bin Height	Min. Auger
GM1000	1095	1288	12'	19' 8"	36'
GM2300	2301	2707	14'	26' 3"	46'
GM3000	3264	3840	16'	28' 11"	51'
GM4000	4119	4845	16'	33' 11"	61'
GM5000	4973	5851	16'	38' 11"	71'
GM6000	5828	6856	16'	43' 11"	71'
<b>18' Diameter Bins - 40 Degree Bottom Cone (FOB Build Plant)</b>					
GM5300	5324	6263	18'	35' 6"	61'
GM6400	6405	7536	18'	40' 6"	71'
<b>15'6" Diameter Bins - 40° Bottom Cone (Available for NW USA Destinations)</b>					
GM3000	3043	3580	15'6"	28' 9"	51'
GM4000	3845	4523	15'6"	33' 9"	61'
GM5000	4646	5466	15'6"	38' 9"	71'

### CALCULATIONS

Bushel capacities are approximate  
 Feed bin capacities are based on 40 lbs/ft<sup>3</sup>.  
 All fertilizer bins, steep cone bins and liquid bins capacities are based on 62 lbs/ft<sup>3</sup>.

To select the most appropriate bin size for your storage, please follow these steps:  
 • Determine product density (lbs/ft<sup>3</sup>).  
 • Convert the total tonnage being stored to lbs, then divide by the density. The result is the cubic foot capacity you require.

Example - You need to store 100 MT of urea fertilizer with a density of 48 lbs.  
 100 x 2204 = 220,400 / 48 = 4592 (Min. ft<sup>3</sup> required)  
 Best model selection would be a 1620 or 1815.

To calculate a bins holding capacity of a specific product, follow these steps:  
 • Determine product density (lbs/ft<sup>3</sup>).  
 • Multiply the bins cubic foot capacity by the product density, then divide by 2204.

Example - Your fertilizer blend weights 57 lbs/ft<sup>3</sup> and your purchasing a model 1625 fertilizer bin.

Model 1625 = 5851 ft<sup>3</sup> x 57 lbs = 333,507 lbs / 2204 = 151 MT. Your new 1625 will hold about 151 MT of your specific fertilizer blend.