

BULK FEED TANKS

AUTOMATED PRODUCTION SYSTEMS

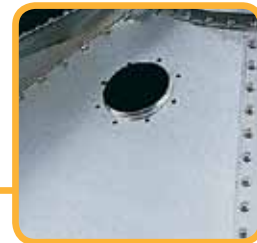
6' - 15' DIAMETER BULK FEED TANK SPECIFICATIONS

Diameter (Feet)	Diameter (Meters)	No. of Rings	Angle of Hopper	Fill Height (Feet), 30° Roof	Fill Height (Feet), 40° Roof	Fill Height (Meters), 30° Roof	Fill Height (Meters), 40° Roof	*Max. Capacity (Bu), 30° Roof	*Max. Capacity (Bu), 40° Roof	*Max. Capacity (Cu.Ft.), 30° Roof	*Max. Capacity (Cu.Ft.), 40° Roof	*Max. Capacity (M.Tons), 30° Roof	*Max. Capacity (M.Tons), 40° Roof	*Max. Capacity (US.Tons), 30° Roof	*Max. Capacity (US.Tons), 40° Roof
6'	1.83	1	60°	10' 9"	11' 3"	3.28	3.43	111	118	138.0	147.60	2.50	2.67	2.76	2.95
6'	1.83	2	60°	13' 5"	13' 11"	4.09	4.25	171	178	212.6	222.21	3.86	4.03	4.25	4.44
6'	1.83	3	60°	16' 1"	16' 7"	4.90	5.06	231	238	287.2	296.82	5.21	5.38	5.74	5.93
6'	1.83	4	60°	18' 9"	19' 3"	5.72	5.87	291	298	361.8	371.43	6.56	6.74	7.24	7.42
7'	2.13	1	67°	13' 8"	14' 3"	4.16	4.35	185	196	230.1	244.96	4.17	4.44	4.60	4.89
7'	2.13	2	67°	16' 4"	16' 11"	4.97	5.16	266	278	331.6	346.51	6.02	6.29	6.63	6.93
7'	2.13	3	67°	19' 0"	19' 7"	5.78	5.97	348	360	433.2	448.06	7.86	8.13	8.66	8.96
7'	2.13	4	67°	21' 8"	22' 3"	6.60	6.78	430	441	534.7	549.61	9.70	9.97	10.96	10.99
7'	2.13	5	67°	24' 4"	24' 11"	7.41	7.60	511	523	636.3	651.16	11.54	11.82	12.73	13.02
7'	2.13	6	67°	27' 0"	27' 7"	8.22	8.41	593	604	737.8	752.71	13.39	13.66	14.76	15.05
9'	2.74	1	60°	14' 3"	15' 1"	4.33	4.59	308	332	383.9	413.81	6.96	7.51	7.69	8.27
9'	2.74	2	60°	16' 11"	17' 9"	5.15	5.41	443	467	551.8	581.68	10.01	10.56	11.04	11.63
9'	2.74	3	60°	19' 7"	20' 5"	5.96	6.24	578	602	719.6	749.55	13.06	13.60	14.39	14.99
9'	2.74	4	60°	22' 3"	23' 1"	6.77	7.04	713	737	887.5	917.42	16.10	16.65	17.75	18.34
9'	2.74	5	60°	24' 11"	25' 9"	7.59	7.85	848	872	1055.3	1085.28	19.15	19.70	21.11	21.70
9'	2.74	6	60°	27' 7"	28' 5"	8.40	8.66	983	1007	1223.2	1253.15	22.19	22.75	24.46	25.06
12'	3.66	2	60°	20' 8"	21' 11"	6.29	6.67	887	946	1109.7	1177.87	20.15	21.38	22.18	23.55
12'	3.66	3	60°	23' 4"	24' 7"	7.10	7.49	1126	1186	1407.7	1476.30	25.57	26.80	28.15	29.52
12'	3.66	4	60°	26' 0"	27' 3"	7.91	8.30	1365	1426	1706.1	1774.73	30.99	32.22	34.12	35.49
12'	3.66	5	60°	28' 8"	29' 11"	8.73	9.11	1604	1666	2004.5	2073.17	36.42	37.64	40.08	41.46
12'	3.66	6	60°	31' 4"	32' 7"	9.54	9.93	1842	1905	2302.9	2371.60	41.84	43.05	46.05	47.43
15'	4.57	2	60°	24' 2"	25' 10"	7.37	7.87	1554	1658	1934.8	2064.39	35.12	37.48	38.69	41.28
15'	4.57	3	60°	26' 10"	28' 6"	8.18	8.68	1929	2033	2401.1	2530.69	43.59	45.94	48.02	50.61
15'	4.57	4	60°	29' 6"	31' 2"	8.99	9.50	2304	2408	2867.4	2996.99	52.06	54.41	57.34	59.93
15'	4.57	5	60°	32' 2"	33' 10"	9.80	10.31	2678	2783	3333.7	3463.29	60.52	62.87	66.67	69.26

6' - 15' BULK FEED TANKS (BFT - 60 & 67 DEGREE HOPPERS)

- Designed for the storage of free flowing material having a maximum density of 40 lbs. per cubic foot
- Bushel capacities are calculated with no compaction and to full cubic foot capacities
- Weight capacities are calculated at 40 lbs. per cubic foot
- Add 19" to the fill height for top of cap height

WARNING! Non-free flowing materials including (but not limited to) soybean meal and meat by-products should not be stored in these tanks due to their inherent nature of bridging. Check with your material supplier on the flowability of your product prior to purchasing a tank. If in doubt about a specific product, contact the AP engineering department for additional recommendations. Some features are optional and may be available only on certain models. Consult your local AP dealer for details. All specifications subject to change without notice.



FACTORY FORMED FILL KITS AVAILABLE

Exclusive pre-punched, extruded lip roof panels for the optional pneumatic fill-kit eliminate the inconvenience and difficulty of field-cutting fill and exhaust tube openings, and insuring secure, moisture-proof seals.



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