



FARM STORAGE BINS



UNSTIFFEND FARM BINS

Bin Diameter	Rings	Eave Height (ft)	Peak Height (ft)	Max Bushel Capacity	Max Bushel Capacity w/Plenum	Level Bushel Capacity w/Plenum	METRIC			
							Eave Height (Meters)	Peak Height (Meters)	Max Capacity (Cubic Meter)	Max Capacity (Metric Tons)
15' (4.57 m)	3	11' 1"	14' 7"	1,836	1,671	1,474	3.38	4.44	61	50
	4	14' 9"	18' 3"	2,382	2,218	2,021	4.50	5.56	79	65
	5	18' 5"	21' 11"	2,929	2,764	2,567	5.61	6.68	97	80
	6	22' 1"	25' 7"	3,475	3,310	3,113	6.73	7.80	115	95
	7	25' 9"	29' 3"	4,021	3,857	3,660	7.85	8.92	134	109
	8	29' 5"	32' 11"	4,567	4,403	4,206	8.97	10.03	152	124
	9	33' 1"	36' 7"	5,114	4,949	4,752	10.08	11.15	170	139
18' (5.49 m)	4	14' 9"	19' 3"	3,487	3,250	2,910	4.50	5.87	116	95
	5	18' 5"	22' 11"	4,274	4,037	3,696	5.61	6.98	142	116
	6	22' 1"	26' 7"	5,060	4,824	4,483	6.73	8.10	168	138
	7	25' 9"	30' 3"	5,847	5,610	5,270	7.85	9.22	194	159
	8	29' 5"	33' 11"	6,634	6,397	6,057	8.97	10.34	220	181
	9	33' 1"	37' 7"	7,421	7,184	6,843	10.08	11.46	247	202
	10	36' 9"	41' 3"	8,207	7,970	7,630	11.20	12.57	273	223
21' (6.40 m)	4	14' 9"	20' 3"	4,824	4,501	3,961	4.50	6.17	160	131
	5	18' 5"	23' 11"	5,894	5,572	5,031	5.61	7.29	196	160
	6	22' 1"	27' 7"	6,965	6,643	6,102	6.73	8.41	231	190
	7	25' 9"	31' 3"	8,036	7,713	7,173	7.85	9.53	267	219
	8	29' 5"	34' 11"	9,107	8,784	8,244	8.97	10.64	303	248
	9	33' 1"	38' 7"	10,177	9,855	9,314	10.08	11.76	338	277
	10	36' 9"	42' 3"	11,248	10,926	10,385	11.20	12.88	374	306
24' (7.32 m)	4	14' 9"	21' 2"	6,401	5,980	5,173	4.50	6.45	213	174
	5	18' 5"	24' 10"	7,800	7,378	6,572	5.61	7.57	259	212
	6	22' 1"	28' 6"	9,198	8,777	7,970	6.73	8.69	306	250
	7	25' 9"	32' 2"	10,597	10,176	9,369	7.85	9.80	352	288
	8	29' 5"	35' 10"	11,995	11,574	10,767	8.97	10.92	399	326
	9	33' 1"	39' 6"	13,394	12,973	12,166	10.08	12.04	445	365
	10	36' 9"	43' 2"	14,792	14,371	13,564	11.20	13.16	492	403
27' (8.23 m)	4	14' 9"	22' 0"	8,229	7,696	6,547	4.50	6.71	273	224
	5	18' 5"	25' 8"	9,999	9,466	8,317	5.61	7.82	332	272
	6	22' 1"	29' 4"	11,769	11,236	10,087	6.73	8.94	391	320
	7	25' 9"	33' 0"	13,539	13,006	11,857	7.85	10.06	450	369
	8	29' 5"	36' 8"	15,309	14,776	13,627	8.97	11.18	509	417
	9	33' 1"	40' 4"	17,079	16,546	15,397	10.08	12.29	568	465
	10	36' 9"	44' 0"	18,849	18,316	17,167	11.20	13.41	626	513
30' (9.14 m)	4	14' 9"	22' 9"	10,317	9,659	8,083	4.50	6.93	343	281
	5	18' 5"	26' 5"	12,502	11,844	10,268	5.61	8.05	415	340
	6	22' 1"	30' 1"	14,687	14,029	12,453	6.73	9.17	488	400
	7	25' 9"	33' 9"	16,873	16,215	14,638	7.85	10.29	561	459
	8	29' 5"	37' 5"	19,058	18,400	16,824	8.97	11.40	633	519
	9	33' 1"	41' 1"	21,243	20,585	19,009	10.08	12.52	706	578
	10	36' 9"	44' 9"	23,428	22,770	21,194	11.20	13.64	779	638
33' (10.06 m)	4	14' 9"	23' 10"	12,674	11,878	9,780	4.50	7.26	421	345
	5	18' 5"	27' 6"	15,318	14,522	12,424	5.61	8.38	509	417
	6	22' 1"	31' 2"	17,962	17,166	15,068	6.73	9.50	597	489
	7	25' 9"	34' 10"	20,607	19,810	17,713	7.85	10.62	685	561
	8	29' 5"	38' 6"	23,251	22,454	20,357	8.97	11.73	773	633
	9	33' 1"	42' 2"	25,895	25,098	23,001	10.08	12.85	861	705
	10	36' 9"	45' 10"	28,539	27,743	25,645	11.20	13.97	948	777
36' (10.97 m)	4	14' 9"	24' 7"	15,310	14,363	11,639	4.50	7.49	509	417
	5	18' 5"	28' 3"	18,457	17,509	14,786	5.61	8.61	613	502
	6	22' 1"	31' 11"	21,604	20,656	17,933	6.73	9.73	718	588
	7	25' 9"	35' 7"	24,750	23,803	21,079	7.85	10.85	823	674
	8	29' 5"	39' 3"	27,897	26,950	24,226	8.97	11.96	927	759
	9	33' 1"	42' 11"	31,044	30,096	27,373	10.08	13.08	1,032	845
	10	36' 9"	46' 7"	34,191	33,243	30,520	11.20	14.20	1,136	931

Bin Diameter	Rings	Eave Height (ft)	Peak Height (ft)	Max Bushel Capacity	Max Bushel Capacity w/Plenum	Level Bushel Capacity w/Plenum	METRIC			
							Eave Height (Meters)	Peak Height (Meters)	Max Capacity (Cubic Meter)	Max Capacity (Metric Tons)
42' (12.80 m)	4	14' 9"	26' 1"	21,457	20,167	15,842	4.50	7.95	713	584
	5	18' 5"	29' 9"	25,740	24,450	20,125	5.61	9.07	855	701
	6	22' 1"	33' 5"	30,023	28,733	24,408	6.73	10.19	998	817
	7	25' 9"	37' 1"	34,306	33,016	28,691	7.85	11.30	1,140	934
	8	29' 5"	40' 9"	38,589	37,299	32,974	8.97	12.42	1,282	1,050
	9	33' 1"	44' 5"	42,872	41,582	37,257	10.08	13.54	1,425	1,167
	10	36' 9"	48' 1"	47,155	45,865	41,540	11.20	14.66	1,567	1,283
48' (14.63 m)	4	14' 9"	28' 1"	28,832	27,147	20,692	4.50	8.56	958	785
	5	18' 5"	31' 9"	34,426	32,742	26,286	5.61	9.68	1,144	937
	6	22' 1"	35' 5"	40,020	38,336	31,880	6.73	10.79	1,330	1,089
	7	25' 9"	39' 1"	45,615	43,930	37,474	7.85	11.91	1,516	1,242
	8	29' 5"	42' 9"	51,209	49,524	43,069	8.97	13.03	1,702	1,394
	9	33' 1"	46' 5"	56,803	55,118	48,663	10.08	14.15	1,888	1,546
	10	36' 9"	50' 1"	62,397	60,712	54,257	11.20	15.27	2,074	1,698



LIFETIME WARRANTIES ON UNSTRUCTURED FARM BINS

- ▶ LIFETIME BIN ROOF WARRANTY
- ▶ LIFETIME BOTTOM RING WARRANTY

Bin Diameter	Rings	Eave Height (ft)	Peak Height (ft)	Max Bushel Capacity	Max Bushel Capacity w/Plenum	Level Bushel Capacity w/Plenum	METRIC				
							Eave Height (Meters)	Peak Height (Meters)	Max Capacity (Cubic Meter)	Max Capacity (Metric Tons)	
15' (4.57 m)	5	18' 5"	21' 11"	2,929	2,764	2,567	5.61	6.68	97	80	
	6	22' 1"	25' 7"	3,475	3,310	3,113	6.73	7.80	115	95	
	7	25' 9"	29' 3"	4,021	3,857	3,660	7.85	8.92	134	109	
	8	29' 5"	32' 11"	4,567	4,403	4,206	8.97	10.03	152	124	
	9	33' 1"	36' 7"	5,114	4,949	4,752	10.08	11.15	170	139	
	10	36' 9"	40' 3"	5,660	5,496	5,299	11.20	12.27	188	154	
	11	40' 5"	43' 11"	6,206	6,042	5,845	12.32	13.39	206	169	
	12	44' 1"	47' 7"	6,753	6,588	6,391	13.44	14.50	224	184	
	13	47' 9"	51' 3"	7,299	7,134	6,937	14.55	15.62	243	199	
	14	51' 5"	54' 11"	7,845	7,681	7,484	15.67	16.74	261	214	
	18' (5.49 m)	5	18' 5"	22' 11"	4,274	4,037	3,696	5.61	6.98	142	116
		6	22' 1"	26' 7"	5,060	4,824	4,483	6.73	8.10	168	138
		7	25' 9"	30' 3"	5,847	5,610	5,270	7.85	9.22	194	159
		8	29' 5"	33' 11"	6,634	6,397	6,057	8.97	10.34	220	181
9		33' 1"	37' 7"	7,421	7,184	6,843	10.08	11.46	247	202	
10		36' 9"	41' 3"	8,207	7,970	7,630	11.20	12.57	273	223	
11		40' 5"	44' 11"	8,994	8,757	8,417	12.32	13.69	299	245	
12		44' 1"	48' 7"	9,781	9,544	9,203	13.44	14.81	325	266	
13		47' 9"	52' 3"	10,567	10,330	9,990	14.55	15.93	351	288	
14		51' 5"	55' 11"	11,354	11,117	10,777	15.67	17.04	377	309	
21' (6.40 m)	5	18' 5"	23' 11"	5,894	5,572	5,031	5.61	7.29	196	160	
	6	22' 1"	27' 7"	6,965	6,643	6,102	6.73	8.41	231	190	
	7	25' 9"	31' 3"	8,036	7,713	7,173	7.85	9.53	267	219	
	8	29' 5"	34' 11"	9,107	8,784	8,244	8.97	10.64	303	248	
	9	33' 1"	38' 7"	10,177	9,855	9,314	10.08	11.76	338	277	
	10	36' 9"	42' 3"	11,248	10,926	10,385	11.20	12.88	374	306	
	11	40' 5"	45' 11"	12,319	11,996	11,456	12.32	14.00	409	335	
	12	44' 1"	49' 7"	13,390	13,067	12,527	13.44	15.11	445	364	
	13	47' 9"	53' 3"	14,460	14,138	13,597	14.55	16.23	481	394	
	14	51' 5"	56' 11"	15,531	15,209	14,668	15.67	17.35	516	423	

Bin Diameter	Rings	Eave Height (ft)	Peak Height (ft)	Max Bushel Capacity	Max Bushel Capacity w/Plenum	Level Bushel Capacity w/Plenum	METRIC			
							Eave Height (Meters)	Peak Height (Meters)	Max Capacity (Cubic Meter)	Max Capacity (Metric Tons)
24' (7.32 m)	5	18' 5"	24' 10"	7,800	7,378	6,572	5.61	7.57	259	212
	6	22' 1"	28' 6"	9,198	8,777	7,970	6.73	8.69	306	250
	7	25' 9"	32' 2"	10,597	10,176	9,369	7.85	9.80	352	288
	8	29' 5"	35' 10"	11,995	11,574	10,767	8.97	10.92	399	326
	9	33' 1"	39' 6"	13,394	12,973	12,166	10.08	12.04	445	365
	10	36' 9"	43' 2"	14,792	14,371	13,564	11.20	13.16	492	403
	11	40' 5"	46' 10"	16,191	15,770	14,963	12.32	14.27	538	441
	12	44' 1"	50' 6"	17,589	17,168	16,361	13.44	15.39	585	479
	13	47' 9"	54' 2"	18,988	18,567	17,760	14.55	16.51	631	517
	14	51' 5"	57' 10"	20,386	19,965	19,158	15.67	17.63	677	555
27' (8.23 m)	5	18' 5"	25' 8"	9,999	9,466	8,317	5.61	7.82	332	272
	6	22' 1"	29' 4"	11,769	11,236	10,087	6.73	8.94	391	320
	7	25' 9"	33' 0"	13,539	13,006	11,857	7.85	10.06	450	369
	8	29' 5"	36' 8"	15,309	14,776	13,627	8.97	11.18	509	417
	9	33' 1"	40' 4"	17,079	16,546	15,397	10.08	12.29	568	465
	10	36' 9"	44' 0"	18,849	18,316	17,167	11.20	13.41	626	513
	11	40' 5"	47' 8"	20,619	20,086	18,937	12.32	14.53	685	561
	12	44' 1"	51' 4"	22,389	21,856	20,707	13.44	15.65	744	609
	13	47' 9"	55' 0"	24,159	23,626	22,477	14.55	16.76	803	658
	14	51' 5"	58' 8"	25,929	25,396	24,247	15.67	17.88	862	706
30' (9.14 m)	5	18' 5"	26' 5"	12,502	11,844	10,268	5.61	8.05	415	340
	6	22' 1"	30' 1"	14,687	14,029	12,453	6.73	9.17	488	400
	7	25' 9"	33' 9"	16,873	16,215	14,638	7.85	10.29	561	459
	8	29' 5"	37' 5"	19,058	18,400	16,824	8.97	11.40	633	519
	9	33' 1"	41' 1"	21,243	20,585	19,009	10.08	12.52	706	578
	10	36' 9"	44' 9"	23,428	22,770	21,194	11.20	13.64	779	638
	11	40' 5"	48' 5"	25,613	24,955	23,379	12.32	14.76	851	697
	12	44' 1"	52' 1"	27,799	27,141	25,565	13.44	15.87	924	757
	13	47' 9"	55' 9"	29,984	29,326	27,750	14.55	16.99	996	816
	14	51' 5"	59' 5"	32,169	31,511	29,935	15.67	18.11	1,069	876
33' (10.06 m)	5	18' 5"	27' 6"	15,318	14,522	12,424	5.61	8.38	509	417
	6	22' 1"	31' 2"	17,962	17,166	15,068	6.73	9.50	597	489
	7	25' 9"	34' 10"	20,607	19,810	17,713	7.85	10.62	685	561
	8	29' 5"	38' 6"	23,251	22,454	20,357	8.97	11.73	773	633
	9	33' 1"	42' 2"	25,895	25,098	23,001	10.08	12.85	861	705
	10	36' 9"	45' 10"	28,539	27,743	25,645	11.20	13.97	948	777
	11	40' 5"	49' 6"	31,183	30,387	28,289	12.32	15.09	1,036	849
	12	44' 1"	53' 2"	33,827	33,031	30,933	13.44	16.21	1,124	921
	13	47' 9"	56' 10"	36,471	35,675	33,577	14.55	17.32	1,212	993
	14	51' 5"	60' 6"	39,115	38,319	36,221	15.67	18.44	1,300	1,065
36' (10.97 m)	5	18' 5"	28' 3"	18,457	17,509	14,786	5.61	8.61	613	502
	6	22' 1"	31' 11"	21,604	20,656	17,933	6.73	9.73	718	588
	7	25' 9"	35' 7"	24,750	23,803	21,079	7.85	10.85	823	674
	8	29' 5"	39' 3"	27,897	26,950	24,226	8.97	11.96	927	759
	9	33' 1"	42' 11"	31,044	30,096	27,373	10.08	13.08	1,032	845
	10	36' 9"	46' 7"	34,191	33,243	30,520	11.20	14.20	1,136	931
	11	40' 5"	50' 3"	37,337	36,390	33,666	12.32	15.32	1,241	1,016
	12	44' 1"	53' 11"	40,484	39,536	36,813	13.44	16.43	1,345	1,102
	13	47' 9"	57' 7"	43,631	42,683	39,960	14.55	17.55	1,450	1,188
	14	51' 5"	61' 3"	46,777	45,830	43,106	15.67	18.67	1,554	1,273

Superior's roof can withstand ground snow loads of 40-pounds per square foot and wind gusts up to 90 mph. All Superior bins utilize 44"-wide corrugation with a G-90 or higher galvanization.

Bin Diameter	Rings	Eave Height (ft)	Peak Height (ft)	Max Bushel Capacity	Max Bushel Capacity w/Plenum	Level Bushel Capacity w/Plenum	METRIC			
							Eave Height (Meters)	Peak Height (Meters)	Max Capacity (Cubic Meter)	Max Capacity (Metric Tons)
42' (12.80 m)	5	18' 5"	29' 9"	25,740	24,450	20,125	5.61	9.07	855	701
	6	22' 1"	33' 5"	30,023	28,733	24,408	6.73	10.19	998	817
	7	25' 9"	37' 1"	34,306	33,016	28,691	7.85	11.30	1,140	934
	8	29' 5"	40' 9"	38,589	37,299	32,974	8.97	12.42	1,282	1,050
	9	33' 1"	44' 5"	42,872	41,582	37,257	10.08	13.54	1,425	1,167
	10	36' 9"	48' 1"	47,155	45,865	41,540	11.20	14.66	1,567	1,283
	11	40' 5"	51' 9"	51,438	50,148	45,824	12.32	15.77	1,709	1,400
	12	44' 1"	55' 5"	55,721	54,431	50,107	13.44	16.89	1,852	1,517
	13	47' 9"	59' 1"	60,004	58,714	54,390	14.55	18.01	1,994	1,633
	14	51' 5"	62' 9"	64,287	62,997	58,673	15.67	19.13	2,136	1,750
48' (14.63 m)	5	18' 5"	31' 9"	34,426	32,742	26,286	5.61	9.68	1,144	937
	6	22' 1"	35' 5"	40,020	38,336	31,880	6.73	10.79	1,330	1,089
	7	25' 9"	39' 1"	45,615	43,930	37,474	7.85	11.91	1,516	1,242
	8	29' 5"	42' 9"	51,209	49,524	43,069	8.97	13.03	1,702	1,394
	9	33' 1"	46' 5"	56,803	55,118	48,663	10.08	14.15	1,888	1,546
	10	36' 9"	50' 1"	62,397	60,712	54,257	11.20	15.27	2,074	1,698
	11	40' 5"	53' 9"	67,991	66,307	59,851	12.32	16.38	2,259	1,851
	12	44' 1"	57' 5"	73,585	71,901	65,445	13.44	17.50	2,445	2,003
	13	47' 9"	61' 1"	79,180	77,495	71,039	14.55	18.62	2,631	2,155
	14	51' 5"	64' 9"	84,774	83,089	76,634	15.67	19.74	2,817	2,307
54' (16.45 m)	5	18' 5"	34' 1"	44,592	42,460	33,268	5.61	10.39	1,482	1,214
	6	22' 1"	37' 8"	51,672	49,540	40,349	6.73	11.48	1,717	1,406
	7	25' 9"	41' 4"	58,752	56,620	47,429	7.85	12.60	1,952	1,599
	8	29' 5"	44' 12"	65,832	63,700	54,509	8.97	13.72	2,188	1,792
	9	33' 1"	48' 8"	72,912	70,780	61,589	10.08	14.83	2,423	1,985
	10	36' 9"	52' 4"	79,993	77,860	68,669	11.20	15.95	2,658	2,177
	11	40' 5"	55' 12"	87,073	84,941	75,749	12.32	17.07	2,894	2,370
	12	44' 1"	59' 8"	94,153	92,021	82,829	13.44	18.19	3,129	2,563
	13	47' 9"	63' 4"	101,233	99,101	89,909	14.55	19.30	3,364	2,755
	14	51' 5"	66' 12"	108,313	106,181	96,989	15.67	20.42	3,599	2,948



▶ ROOF

Bin roofs need to withstand high winds and loads from snow and equipment. More than that, roof strength is crucial to maintaining the entire structure. Superior's roofs can handle 8,000-pound loads, including ground snow loads of 40 lbs. / sq. ft. and withstand wind gusts up to 90 mph. Superior's 20-by-20-inch pre-punched roof vents, the largest in the industry, prevent moisture from entering the bin.

- Our durable design is backed by an industry-leading **LIFETIME BIN ROOF WARRANTY** on our unstructured 8,000 lb. roof.
- ACCESSORIES:** poly roof vents, remote openers, and roof exhausters



▶ EXTERIOR ACCESS

- All Superior farm bins come with 66-inch doors featuring heavy-duty, bolted construction for strength and reliability. The outer door latches on the top and bottom for secure protection against rain or snow. The three inner doors open 170 degrees and feature single-cam lock closing hardware on each panel. Finally, the sides of the doors are corrugated to match the sidewall sheets for a tight seal around the door.
- All Superior farm bins come with a standard bin step.
- Optional peak walk-around platforms add security and provide ample room for performing service. For additional safety, add roof stairs or a rooftop handrail package.
- An interior ladder comes standard on all Superior bins. Optional exterior ladder packages are available for bin access.

▶ SIDEWALL SHEETS

All Superior bins feature Grade 50 steel with a tensile strength up to 65,000 psi. In addition, a G-90 bright galvanized steel coating provides enduring protection. Our 44-inch wide corrugated sidewall sheets provide increased vertical load strength.



▶ HOPPER BINS

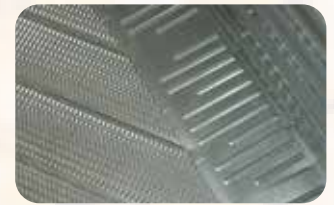
- Unstiffened models available in 15- to 27-foot diameters with capacities of 1,850 to 11,800 bushels (*does not include the capacity of the hopper cone*).
- Stiffened models available in 15- to 30-foot diameters with capacities of 1,850 to 28,000 bushels (*does not include the capacity of the hopper cone*).
- Standard ground control remote opener.



▶ UNLOADING SYSTEMS

With Superior unload systems unloading your bin has never been easier, faster or safer.

- A permanently installed U-trough and sweep, with all controls outside the bin, provides superior unloading capacity. With more space than a round tube, the U-trough allows the grain to flow freely over the auger.
- The Superior Premium Unload is available in 11-inch and 13-inch options for 18'- 60' bins. A larger gearbox, patented **Block Buster®** auger, and the ability to add accessories makes unloading your bin easier, faster and safer. The Superior Standard Unload is available for 15'- 48' bins. **The Patented Block Buster® is a specially designed auger positioned over the center gate to reduce blockages and keep grain flowing. A reversing gearbox and centrifugal clutch system allows the Block Buster® to spin freely on its own in one direction and drive the sweep auger and wheel in the other direction. Operated from outside the bin, it eliminates the need to enter the bin to clear blockages.**
- An upgraded gearbox allows the sweep to pivot when operating on uneven surfaces. A large gear reduction drive wheel propels the sweep into the grain mass for faster unloads.



▶ FLOORING

HERCULOK™ FLOORS - STANDARD, CANOLA & HEAVY DUTY AERATION FLOORS

- Interlocking design features a locking tab when the planks are snapped together, ensuring the floor stays in place.
- The Herculok Z-support features multiple deep rib supports for a floor that is stronger than other brands. The supports have more breaks in the steel than competitive designs. The floor locks in place on those breaks to increase strength and reduce floor failures.
- Optional welded support available for higher grain depths and in-floor aeration trough.



▶ FANS

Superior's low-speed centrifugal fans provide greater airflow than the industry standard. Operating at 1,750 rpm, these fans are the ideal choice for aeration and natural air drying in some applications; they are also much quieter than other types of fans.

High-speed centrifugal fans are squirrel cage fans that run at 3,450 rpm. These small fans move low volumes of air at moderate to high static pressures, so they are ideal for aeration with deep grain depths.

High-speed vane axial fans in a cylindrical housing also run at 3,450 rpm and are typically used on smaller bins.

- Superior fan transitions direct the airflow from the fan to the bin and are designed to fit any type of fan.
- Optional fan heaters speed drying time by heating air from the fan before it reaches the plenum area.
- Optional fan hanging kits allow the fan to settle with the

