



COMMERCIAL GRAIN MANAGEMENT SYSTEMS



*Options available for peak load
capacity of up to 50,000 lbs
(22,680 kg) and upgrades
for **Seismic and Wind***

agri.chiefind.com

Trusted. Tested. True.®

UNPARALLELED STRENGTH AND DURABILITY

“W” Stiffeners lead the competition in strength!

Our exclusive exterior “W” stiffener is nearly twice as strong as the closest competing stiffener. Designed to support the vertical load, the “W” stiffener system provides additional strength, allowing sidewall heights to exceed 100 feet (30.48 m). It also enables our bins to easily support overhead catwalks and conveyors.



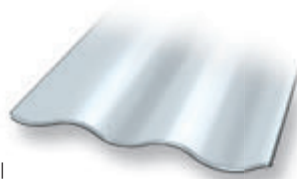
Plate-to-plate connections provide positive load transfer down the stiffener column, eliminating complex shear load splicing. Unique “W” stiffeners on the bin's exterior help reduce grain accumulations on the inside walls.

Strength and Durability

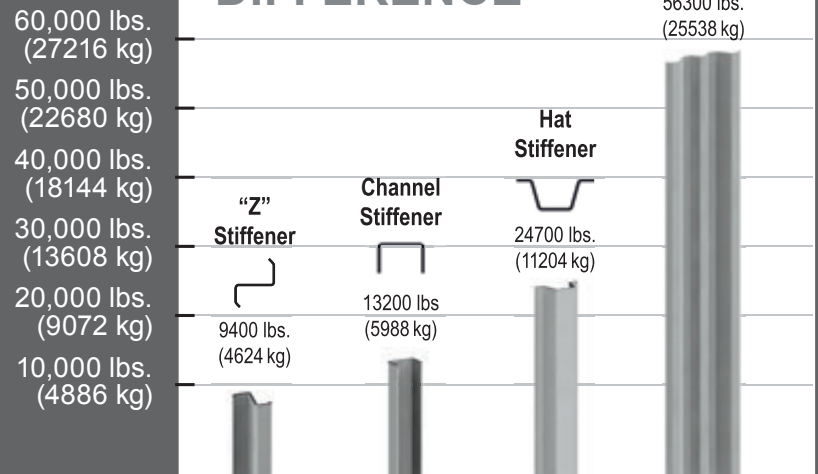
Chief produces high quality corrugated sidewalls from steel with a tensile strength of 70 ksi (483 MPa). The sidewalls provided with 5/16 and 7/16 inch grade 8 bolts with conical sealing washers and serrated flange nuts.

Chief expects your bin to be around a long time. To that end, Chief provides bins with the following coatings as standard:

- Roofs sheets with a G140 (425 g/m²) galvanized coating. (56% thicker coating compared to G90)
- Sidewall Sheets & Stiffeners with a G115 (350 g/m²) galvanized coating. (28% thicker coating compared to G90 (275 g/m²))
- Bolts and serrated nuts with a 1000 hour salt spray test coating.



THE CHIEF “W” STIFFENER DIFFERENCE



Reduced assembly time

Chief's unique 42.4" (107.7 cm) sidewall sections require fewer rings, seams, and stiffeners than the 32" (81.28 cm) sidewall sections of competing bins. When combined with our exclusive “W” stiffener, Chief bins offer unsurpassed strength while reducing costly assembly time.

Anchor system provides solid base

Chief's positive anchor design ties the sidewall solidly to the foundation to allow for single-pass sweeps. This also provides strong resistance to lateral movement and uplift.



Wind and seismic upgrades available

All Chief bins are designed per ASCE 7-10 and can be upgraded to withstand the environmental loads specific to your area as needed.

5-year limited warranty

Chief commercial bins are covered by a five-year limited warranty – one of the longest in the industry. Bin accessories are covered by a one-year limited warranty. For more information about our warranties, contact the Chief Agri dealer nearest you.

WORLD-CLASS DESIGN FEATURES



Patented side draw design increases strength and unload speeds

With Chief's side draw system, load-out stations can be set up for truck or rail, or any other load-out needs with capacities of up to 40,000 bushels/hour (1020 MT/H).

Chief's new side draw system reinforces the bin wall and directs the grain from the ceiling to sidedraw discharge opening. In-take openings also help redistribute grain to discourage bridging.

There are three sizes to meet your needs. (Bushel/hour is based on tests involving runs of #2 grade corn.)

- 14" Spout – 10,000 BPH (255 MT/H)
- 18" Spout – 20,000 BPH (510 MT/H)
- 24" Spout – 40,000 BPH (1020 MT/H)



Easy access doors

Chief offers one-ring double-portal frame doors or two-ring walk-thru doors. Both have an easy latch system to provide unobstructed entry without requiring the removal of cross ties, tie rods, or tie bars. One-ring doors measure 26" (.66m) wide by 26" (.66m) tall; walk-thru doors measure 26" (.66 m) wide by 50" (1.27 m) tall. The door frames are hot-dip galvanized for superior corrosion resistance.



Optional drive-in Bobcat door

This convenient door measures 7'1" (2.164 m) wide by 8'8" (2.68 m) tall and is hot-dip galvanized for superior corrosion resistance.

Vents and Roof Exhausters

Chief offers the industry's most complete exhaust line. All vents install easily and are designed to minimize build-up of ice and foreign materials.



Mushroom Vent

The 3800 CFM mushroom bin vent is 42.8% larger than standard hooded roof vents, thus reducing the number of vents required.



½ & 2 HP Roof Fans Available



Goose Neck Bin Vent

MORE SAFETY AND TIME-SAVING FEATURES



Ladders, platforms, and safety cages

Chief commercial bins offer standard galvanized inside/outside ladders. Platforms and safety cages for the ladders are standard and designed to OSHA codes.

Padlocked ladder access

This safety feature prevents unauthorized people from accessing and climbing the ladders.



Roof stairs

Stairs with guardrails make accessing the bin's midsection and peak safer and more convenient.



Mid-roof and eave walk-around platforms*

These platforms feature a guardrail and offer ample width for easy maneuverability, making it easier and safer to maintain the bin's openings and vents.



Eave walk-around



Mid-roof walk-around



Platforms for 6' and 12' peak rings

The peak of the roof can be accessed more safely and easily with platforms that meet OSHA requirements. They have ample width for easy maneuverability, and a guardrail and toe board for increased security.

Roof inspection door is accessible from eave platform

Chief offers single-tier and two-tier eave platforms. Either one will allow a person to safely remain standing while inspecting the grain through the roof inspection door.

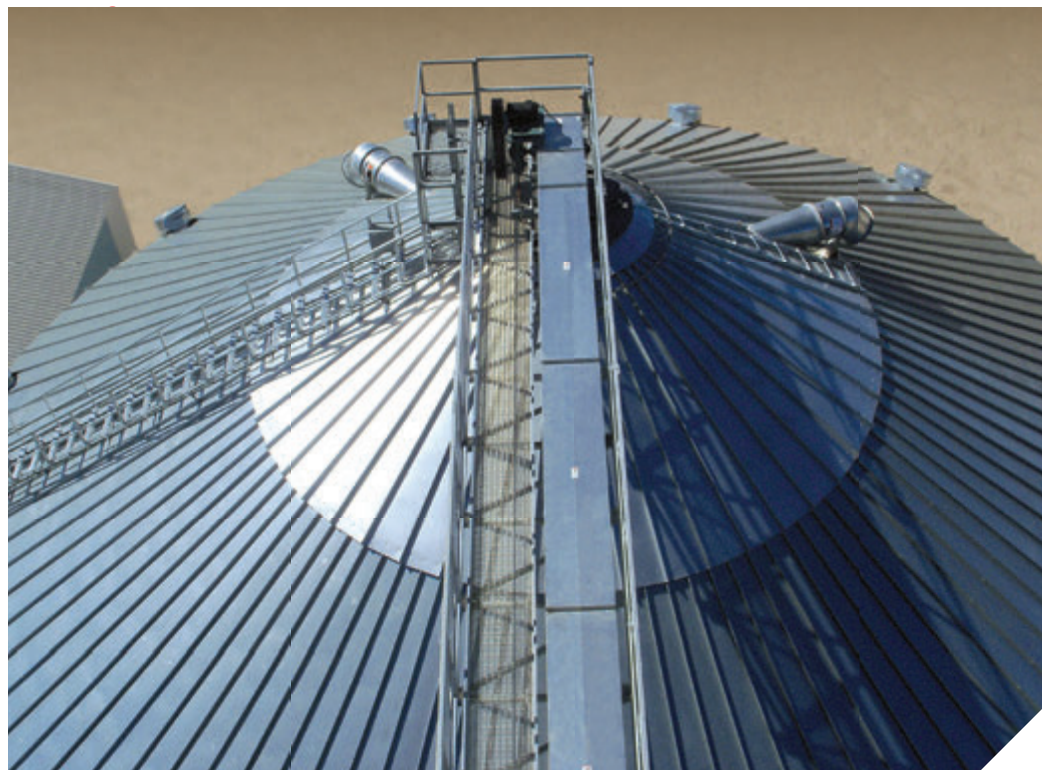


Grain storage monitoring systems

Chief Agri is a distributor of highly sophisticated grain storage monitoring products, ranging from simple handheld monitoring units to complete computer-controlled grain management systems.

**Use of mid-roof and eave walk-around platforms must be approved by Chief Agri according to the application and geographic location of the bin.*

MORE ROOF OPTIONS TO MEET YOUR SPECIFIC NEEDS!



Chief's roof design increases peak load capacities up to 50,000 lbs (22,680 kg) on Chief's larger bins.

Chief offers a wide range of standard and optional roofs to better meet the desired peak load capacities for your specific operation, geographic location and ground snow loads. (See roof option chart below.) The optional 50K roof can increase the peak load capacity to 50,000 lbs (22,680 kg) on CB30 and CB34 model bins.

Peak loads may eliminate the need for an additional support tower and catwalk on 50K roofs

50K roofs with a 6' or 12' peak ring will support most conveyors with capacity up to 60,000 BPH (1,530 MT/H). This negates spanning a catwalk/truss across the bin roof and installing an additional support tower and catwalk.

50K roof promotes faster fill times

With its larger peak load capacities, a 50K roof with a 12' peak ring will allow customers to use larger capacity conveyors for quicker fill times.

Roof panels feature interlocking "J" rib design

Roof panels are of high quality galvanized steel with a 2.5" (6.35 cm) interlocking "J" rib design for outstanding strength and reduced construction time.



Grain Entrapment Prevention

All Chief bins come equipped with anchorage points at the bin peak and manhole to provide tie-off points for anyone entering the bin.



6' or 12' peak rings on Chief's new 50K roof allow for increased peak loads to better support most large conveyors.

ROOF OPTIONS

Bin Model #	Peak Size	Ground Snow Load	Peak Load	Standard	Optional
CB12	40" peak ring	30PSF	16,000 lbs.	Standard	
	6' peak ring	40PSF	25,000 lbs.		Optional
CB13	40" peak ring	30PSF	16,000 lbs.	Standard	
CB14	40" peak ring	30PSF	16,000 lbs.	Standard	
	6' peak ring	40PSF	25,000 lbs.		Optional
CB16	40" peak ring	30PSF	16,000 lbs.	Standard	
	6' peak ring	40PSF	25,000 lbs.		Optional
CB18	6' peak ring	40PSF	30,000 lbs.	Standard	
CB20	6' peak ring	25PSF	10,000 lbs.		Optional
	6' peak ring	40PSF	30,000 lbs.	Standard	
CB22	6' peak ring	25PSF	10,000 lbs.		Optional
	6' peak ring	40PSF	30,000 lbs.	Standard	
CB24	6' peak ring	40PSF	40,000 lbs.	Standard	
	6' peak ring	25PSF	10,000 lbs.		Optional
CB26	6' peak ring	25PSF	25,000 lbs.		Optional
	6' peak ring	40PSF	40,000 lbs.	Standard	
CB30	6' peak ring	40PSF	25,000 lbs.	Standard	
	6' peak ring	25PSF	25,000 lbs.		Optional
	6' peak ring	40PSF	50,000 lbs.		Optional
	12' peak ring	40PSF	50,000 lbs.		Optional
CB34	6' peak ring	40PSF	25,000 lbs.	Standard	
	6' peak ring	25PSF	25,000 lbs.		Optional
	6' peak ring	40PSF	50,000 lbs.		Optional
	12' peak ring	40PSF	50,000 lbs.		Optional

Trusted. Tested. True.®

THERE'S A CHIEF COMMERCIAL BIN TO FIT YOUR NEEDS

**First in the industry
to manufacture a million-
bushel corrugated steel bin**



CB45-15

Diameter: 139' 3" (42.4M)
Eave Height: 53' 0" (16.2 M)
Overall Height: 89' 7" (27.3 M)
Eave Bushels: 686,523
Peak Bushels: 846,463
Metric Ton to Eave: 17,437
Metric Ton to Peak: 21,500

CB45-16

Diameter: 139' 3" (42.4M)
Eave Height: 56' 7" (17.2 M)
Overall Height: 93' 1" (28.4 M)
Eave Bushels: 732,263
Peak Bushels: 892,303
Metric Ton to Eave: 18,602
Metric Ton to Peak: 22,665

CB45-17

Diameter: 139' 3" (42.4M)
Eave Height: 60' 1" (18.3 M)
Overall Height: 96' 8" (29.5 M)
Eave Bushels: 778,203
Peak Bushels: 938,143
Metric Ton to Eave: 19,766
Metric Ton to Peak: 23,829

CB45-18

Diameter: 139' 3" (42.4M)
Eave Height: 63' 8" (19.4 M)
Overall Height: 100' 2" (30.5 M)
Eave Bushels: 824,043
Peak Bushels: 983,983
Metric Ton to Eave: 20,930
Metric Ton to Peak: 24,993

CB45-19

Diameter: 139' 3" (42.4 M)
Eave Height: 67' 3" (20.5 M)
Overall Height: 103' 9" (31.6 M)
Eave Bushels: 869,882
Peak Bushels: 1,029,823
Metric Ton to Eave: 22,095
Metric Ton to Peak: 26,158

CB45-20

Diameter: 139' 3" (42.4M)
Eave Height: 70' 9" (21.56 M)
Overall Height: 107' 3" (32.69 M)
Eave Bushels: 915,722
Peak Bushels: 1,075,663
Metric Ton to Eave: 23,259
Metric Ton to Peak: 27,322

All CB45 bins have a standard 40 PSF ground snow load and peak load capacity of 50,000 lbs (22,680 kg). Larger CB45 models available, please contact Chief Agri for details.

Dia.	Bin Model #	Height				Estimated Storage Capacity			
		Eave (Ft)	Eave (M)	Overall (Ft)	Overall (M)	Level to Eave (Bushels)	Filled to Peak (Bushels)	Filled to Peak (M Ton)	Filled to Peak (Cub. M)
All Dia. 37' 1" (11.3 M)	CB12-10	35' 5"	10.78	45' 9"	13.93	32521	35554	903	1182
	CB12-11	39' 0"	11.85	49' 3"	15.01	35780	38813	986	1290
	CB12-12	42' 6"	12.93	52' 9"	16.09	39040	42073	1069	1399
	CB12-13	46' 1"	14.01	56' 4"	17.17	42300	45333	1151	1507
	CB12-14	49' 7"	15.09	59' 10"	18.24	45560	48593	1234	1616
	CB12-15	53' 1"	16.17	63' 5"	19.32	48819	51852	1317	1724
	CB12-16	56' 8"	17.24	66' 11"	20.40	52079	55112	1400	1832
	CB12-17	60' 2"	18.32	70' 6"	21.48	55339	58372	1483	1941
	CB12-18	63' 9"	19.40	74' 0"	22.56	58599	61632	1565	2049
	CB12-19	67' 3"	20.48	77' 6"	23.63	61858	64891	1648	2158
	CB12-20	70' 10"	21.55	81' 1"	24.71	65118	68151	1731	2266
	CB12-21	74' 4"	22.63	84' 7"	25.79	68378	71411	1814	2374
All Dia. 40' 3" (12.3 M)	CB13-10	35' 5"	10.78	46' 7"	14.21	38167	42023	1067	1397
	CB13-11	39' 0"	11.85	50' 2"	15.28	41992	45848	1165	1524
	CB13-12	42' 6"	12.93	53' 8"	16.36	45818	49674	1262	1652
	CB13-13	46' 1"	14.01	57' 3"	17.44	49644	53500	1359	1779
	CB13-14	49' 7"	15.09	60' 9"	18.52	53469	57325	1456	1906
	CB13-15	53' 1"	16.17	64' 3"	19.59	57295	61151	1553	2033
	CB13-16	56' 8"	17.24	67' 10"	20.67	61121	64977	1650	2160
	CB13-17	60' 2"	18.32	71' 4"	21.75	64946	68802	1748	2288
	CB13-18	63' 9"	19.40	74' 11"	22.83	68772	72628	1845	2415
	CB13-19	67' 3"	20.48	78' 5"	23.91	72598	76454	1942	2542
	CB13-20	70' 10"	21.55	82' 0"	24.98	76423	80279	2039	2669
	CB13-21	74' 4"	22.63	85' 6"	26.06	80249	84105	2136	2796
All Dia. 43' 4" (13.2 M)	CB13-22	77' 10"	23.71	89' 0"	27.14	84075	87931	2233	2924
	CB13-23	81' 5"	24.79	92' 7"	28.22	87900	91756	2331	3051
	CB14-10	35' 5"	10.78	47' 6"	14.48	44264	49081	1247	1632
	CB14-11	39' 0"	11.85	51' 0"	15.56	48701	53517	1359	1779
	CB14-12	42' 6"	12.93	54' 7"	16.63	53138	57954	1472	1927
	CB14-13	46' 1"	14.01	58' 1"	17.71	57575	62391	1585	2074
	CB14-14	49' 7"	15.09	61' 8"	18.79	62012	66828	1697	2222
	CB14-15	53' 1"	16.17	65' 2"	19.87	66449	71265	1810	2369
	CB14-16	56' 8"	17.24	68' 9"	20.94	70885	75702	1923	2517
	CB14-17	60' 2"	18.32	72' 3"	22.02	75322	80139	2036	2664
	CB14-18	63' 9"	19.40	75' 9"	23.10	79759	84575	2148	2812
	CB14-19	67' 3"	20.48	79' 4"	24.18	84196	89012	2261	2959
All Dia. 49' 6" (15.1 M)	CB14-20	70' 10"	21.55	82' 10"	25.26	88633	93449	2374	3107
	CB14-21	74' 4"	22.63	86' 5"	26.33	93070	97886	2486	3255
	CB14-22	77' 10"	23.71	89' 11"	27.41	97507	102323	2599	3402
	CB14-23	81' 5"	24.79	93' 6"	28.49	101943	106760	2712	3550
	CB14-24	84' 11"	25.86	97' 0"	29.57	106380	111196	2824	3697
	CB16-10	35' 5"	10.78	49' 3"	15.02	57815	65004	1651	2161
	CB16-11	39' 0"	11.85	52' 10"	16.10	63610	70799	1798	2354
	CB16-12	42' 6"	12.93	56' 4"	17.18	69405	76594	1945	2547
	CB16-13	46' 1"	14.01	59' 11"	18.26	75200	82389	2093	2739
	CB16-14	49' 7"	15.09	63' 5"	19.33	80995	88184	2240	2932
	CB16-15	53' 1"	16.17	67' 0"	20.41	86790	93979	2387	3125
	CB16-16	56' 8"	17.24	70' 6"	21.49	92585	99774	2534	3317
All Dia. 55' 8" (17 M)	CB16-17	60' 2"	18.32	74' 0"	22.57	98380	105569	2681	3510
	CB16-18	63' 9"	19.40	77' 7"	23.64	104175	111364	2829	3703
	CB16-19	67' 3"	20.48	81' 1"	24.72	109970	117160	2976	3895
	CB16-20	70' 10"	21.55	84' 8"	25.80	115765	122955	3123	4088
	CB16-21	74' 4"	22.63	88' 2"	26.88	121560	128750	3270	4281
	CB16-22	77' 10"	23.71	91' 9"	27.96	127356	134545	3417	4473
	CB16-23	81' 5"	24.79	95' 3"	29.03	133151	140340	3565	4666
	CB16-24	84' 11"	25.86	98' 9"	30.11	138946	146135	3712	4859
	CB16-25	88' 6"	26.94	102' 4"	31.19	144741	151930	3859	5051
	CB16-26	92' 0"	28.02	105' 10"	32.27	150536	157725	4006	5244
	CB18-10	35' 5"	10.78	50' 4"	15.33	73172	83408	2119	2773
	CB18-11	39' 0"	11.85	53' 10"	16.41	80506	90742	2305	3017
	CB18-12	42' 6"	12.93	57' 5"	17.49	87840	98077	2491	3261
	CB18-13	46' 1"	14.01	60' 11"	18.57	95175	105411	2677	3505
	CB18-14	49' 7"	15.09	64' 5"	19.64	102509	112745	2864	3749
	CB18-15	53' 1"	16.17	68' 0"	20.72	109844	120080	3050	3992
	CB18-16	56' 8"	17.24	71' 6"	21.80	117178	127414	3236	4236
	CB18-17	60' 2"	18.32	75' 1"	22.88	124512	134749	3423	4480
	CB18-18	63' 9"	19.40	78' 7"	23.95	131847	142083	3609	4724
	CB18-19	67' 3"	20.48	82' 2"	25.03	139181	149417	3795	4968
	CB18-20	70' 10"	21.55	85' 8"	26.11	146516	156752	3981	5212
	CB18-21	74' 4"	22.63	89' 2"	27.19	153850	164086	4168	5456
	CB18-22	77' 10"	23.71	92' 9"	28.27	161184	171421	4354	5699
	CB18-23	81' 5"	24.79	96' 3"	29.34	168519	178755	4540	5943
	CB18-24	84' 11"	25.86	99' 10"	30.42	175853	186089	4727	6187
	CB18-25	88' 6"	26.94	103' 4"	31.50	183188	193424	4913	6431
	CB18-26	92' 0"	28.02	106' 11"	32.58	190522	200758	5099	6675
	CB18-27	95' 7"	29.11	110' 6"	33.68	197854	208091	5285	6919
	CB18-28	99' 1"	30.18	114' 0"	34.75	205188	215425	5471	7163

Dia.	Bin Model #	Height				Estimated Storage Capacity			
		Eave (Ft.)	Eave (M)	Overall (Ft.)	Overall (M)	Level to Eave (Bushels)	Filled to Peak (Bushels)	Filled to Peak (M Ton)	Filled to Peak (Cub. M)
All Dia. 61" 10" (28.9 M)	CB20-10	35' 5"	10.78	52' 1"	15.88	90335	104377	2651	3470
	CB20-11	39' 0"	11.85	55' 8"	16.95	99390	113432	2881	3771
	CB20-12	42' 6"	12.93	59' 2"	18.03	108445	122486	3111	4072
	CB20-13	46' 1"	14.01	62' 8"	19.11	117500	131541	3341	4373
	CB20-14	49' 7"	15.09	66' 3"	20.19	126555	140596	3571	4675
	CB20-15	53' 1"	16.17	69' 9"	21.27	135609	149651	3801	4976
	CB20-16	56' 8"	17.24	73' 4"	22.34	144664	158706	4031	5277
	CB20-17	60' 2"	18.32	76' 10"	23.42	153719	167760	4261	5578
	CB20-18	63' 9"	19.40	80' 5"	24.50	162774	176815	4491	5879
	CB20-19	67' 3"	20.48	83' 11"	25.58	171829	185870	4721	6180
	CB20-20	70' 10"	21.55	87' 5"	26.65	180883	194925	4951	6481
	CB20-21	74' 4"	22.63	91' 0"	27.73	189938	203980	5181	6782
	CB20-22	77' 10"	23.71	94' 6"	28.81	198993	213034	5411	7083
	CB20-23	81' 5"	24.79	98' 1"	29.89	208048	222089	5641	7384
	CB20-24	84' 11"	25.86	101' 7"	30.96	217103	231144	5871	7685
	CB20-25	88' 6"	26.94	105' 2"	32.04	226157	240199	6101	7986
	CB20-26	92' 0"	28.02	108' 8"	33.12	235212	249254	6331	8287
	CB20-27	95' 7"	29.10	112' 2"	34.20	244267	258308	6561	8588
	CB20-28	99' 1"	30.18	115' 9"	35.28	253322	267363	6791	8889
	CB20-29	102' 7"	31.25	119' 3"	36.35	262377	276418	7021	9190
All Dia. 68" 1" (20.7 M)	CB22-10	35' 5"	10.78	53' 11"	16.42	109306	127995	3251	4256
	CB22-11	39' 0"	11.85	57' 5"	17.50	120262	138951	3529	4620
	CB22-12	42' 6"	12.93	60' 11"	18.58	131218	149908	3808	4984
	CB22-13	46' 1"	14.01	64' 6"	19.65	142175	160864	4086	5348
	CB22-14	49' 7"	15.09	68' 0"	20.73	153131	171820	4364	5713
	CB22-15	53' 1"	16.17	71' 7"	21.81	164087	182777	4643	6077
	CB22-16	56' 8"	17.24	75' 1"	22.89	175044	193733	4921	6441
	CB22-17	60' 2"	18.32	78' 8"	23.97	186000	204689	5199	6806
	CB22-18	63' 9"	19.40	82' 2"	25.04	196956	215645	5477	7170
	CB22-19	67' 3"	20.48	85' 8"	26.12	207913	226602	5756	7534
	CB22-20	70' 10"	21.55	89' 3"	27.20	218869	237558	6034	7898
	CB22-21	74' 4"	22.63	92' 9"	28.28	229825	248514	6312	8263
	CB22-22	77' 10"	23.71	96' 4"	29.35	240782	259471	6591	8627
	CB22-23	81' 5"	24.79	99' 10"	30.43	251738	270427	6869	8991
	CB22-24	84' 11"	25.86	103' 5"	31.51	262694	281383	7147	9355
	CB22-25	88' 6"	26.94	106' 11"	32.59	273650	292340	7425	9720
	CB22-26	92' 0"	28.02	110' 5"	33.66	284607	303296	7704	10084
	CB22-27	95' 7"	29.10	114' 0"	34.74	295563	314252	7982	10448
	CB22-28	99' 1"	30.18	117' 7"	35.84	306519	325205	8260	10812
	CB22-29	102' 7"	31.25	121' 1"	36.90	317476	336165	8539	11177
	CB22-30	106' 2"	32.33	124' 7"	37.98	328432	347121	8817	11541
All Dia. 74" 3" (22.6 M)	CB24-10	35' 5"	10.78	55' 8"	16.97	130083	154347	3920	5132
	CB24-11	39' 0"	11.85	59' 2"	18.04	143122	167386	4252	5565
	CB24-12	42' 6"	12.93	62' 8"	19.12	156161	180424	4583	5999
	CB24-13	46' 1"	14.01	66' 3"	20.20	169200	193463	4914	6432
	CB24-14	49' 7"	15.09	69' 10"	21.28	182239	206502	5245	6866
	CB24-15	53' 1"	16.17	73' 4"	22.35	195278	219541	5576	7299
	CB24-16	56' 8"	17.24	76' 11"	23.43	208316	232580	5908	7733
	CB24-17	60' 2"	18.32	80' 5"	24.51	221355	245619	6239	8166
	CB24-18	63' 9"	19.40	83' 11"	25.59	234394	258658	6570	8600
	CB24-19	67' 3"	20.48	87' 6"	26.67	247433	271697	6901	9033
	CB24-20	70' 10"	21.55	91' 0"	27.74	260472	284736	7232	9467
	CB24-21	74' 4"	22.63	94' 7"	28.82	273511	297775	7563	9900
	CB24-22	77' 10"	23.71	98' 1"	29.90	286550	310814	7895	10334
	CB24-23	81' 5"	24.79	101' 8"	30.98	299589	323852	8226	10767
	CB24-24	84' 11"	25.86	105' 2"	32.05	312628	336891	8557	11201
	CB24-25	88' 6"	26.94	108' 8"	33.13	325667	349930	8888	11635
	CB24-26	92' 0"	28.02	112' 3"	34.21	338706	362969	9219	12068
	CB24-27	95' 7"	29.10	115' 9"	35.29	351745	376008	9551	12502
	CB24-28	99' 0"	30.18	119' 4"	36.36	364783	389047	9882	12935
	CB24-29	102' 6"	31.25	122' 10"	37.44	377822	402086	10213	13369
	CB24-30	106' 2"	32.33	126' 5"	38.52	390861	415125	10544	13802

NOTE: CB12-CB45 series bins come standard with a 30 degree roof slope as listed. Refer to Roof Options Chart on page 5 for standard and optional peak ring sizes and their corresponding peak load capacities for CB12-CB34 bins.

NOTE: Metric ton capacity is based on a bulk density of 56 lbs/bushel (721 Kg/m3). All capacities are based on 6% compaction factor & 28° angle of repose.

		Height				Estimated Storage Capacity				
Dia.	Bin Model #	Eave (Ft.)	Eave (M)	Overall (Ft.)	Overall (M)	Level to Eave (Bushels)	Filled to Peak (Bushels)	Filled to Peak (MTon)	Filled to Peak (Cub. M)	
All Dia. 80" 5" (24.5 M)	CB26-10	35'5"	10.78	57'5"	17.51	152667	183516	4661	6102	
	CB26-11	39'00"	11.85	61'0"	18.59	167970	198818	5050	6610	
	CB26-12	42'6"	12.93	64'6"	19.67	183272	214121	5439	7119	
	CB26-13	46'1"	14.01	68'1"	20.74	198575	229424	5827	7628	
	CB26-14	49'7"	15.09	71'7"	21.82	213877	244726	6216	8137	
	CB26-15	53'1"	16.17	75'2"	22.90	229180	260029	6605	8645	
	CB26-16	56'8"	17.24	78'8"	23.98	244483	275332	6993	9154	
	CB26-17	60'2"	18.32	82'2"	25.05	259785	290634	7382	9663	
	CB26-18	63'9"	19.40	85'9"	26.13	275088	305937	7771	10172	
	CB26-19	67'3"	20.48	89'3"	27.21	290390	321239	8159	10681	
	CB26-20	70'10"	21.55	92'10"	28.29	305693	336542	8548	11189	
	CB26-21	74'4"	22.63	96'4"	29.37	320996	351845	8937	11698	
	CB26-22	77'10"	23.71	99'11"	30.44	336298	367147	9326	12207	
	CB26-23	81'5"	24.79	103'5"	31.52	351601	382450	9714	12716	
	CB26-24	84'11"	25.86	106'11"	32.60	366903	397752	10103	13225	
	CB26-25	88'6"	26.94	110'6"	33.68	382206	413055	10492	13733	
	CB26-26	92'0"	28.02	114'0"	34.75	397509	428358	10880	14242	
	CB26-27	95'7"	29.11	117'8"	35.86	412806	443655	11268	14750	
	CB26-28	99'1"	30.18	121'0"	36.88	428108	458957	11656	15258	
	CB26-29	102'7"	31.25	124'8"	37.99	443416	474265	12046	15768	
	CB26-30	106'2"	32.33	128'2"	39.06	458719	489568	12435	16277	
	All Dia. 92" 10" (28.3 M)	CB30-10	35'5"	10.78	61'0"	18.60	203255	250645	6366	8333
		CB30-11	39'00"	11.85	64'7"	19.68	223628	271018	6884	9011
		CB30-12	42'6"	12.93	68'1"	20.75	244001	291391	7401	9688
		CB30-13	46'1"	14.01	71'8"	21.83	264375	311764	7919	10366
		CB30-14	49'7"	15.09	75'2"	22.91	284748	332138	8436	11043
		CB30-15	53'1"	16.17	78'8"	23.99	305121	352511	8954	11720
		CB30-16	56'8"	17.24	82'3"	25.07	325495	372884	9471	12398
		CB30-17	60'2"	18.32	85'9"	26.14	345868	393258	9989	13075
		CB30-18	63'9"	19.40	89'4"	27.22	366241	413631	10506	13752
CB30-19		67'3"	20.48	92'10"	28.30	386614	434004	11024	14430	
CB30-20		70'10"	21.55	96'5"	29.38	406988	454378	11541	15107	
CB30-21		74'4"	22.63	99'11"	30.45	427361	474751	12059	15785	
CB30-22		77'10"	23.71	103'5"	31.53	447734	495124	12576	16462	
CB30-23		81'5"	24.79	107'0"	32.61	468108	515497	13094	17139	
CB30-24		84'11"	25.86	110'6"	33.69	488481	535871	13611	17817	
CB30-25		88'6"	26.94	114'1"	34.76	508854	556244	14129	18494	
CB30-26		92'0"	28.02	117'7"	35.84	529228	576617	14646	19171	
CB30-27		95'7"	29.10	121'2"	36.92	549601	596991	15164	19849	
CB30-28		99'1"	30.18	124'8"	38.00	569974	617364	15681	20526	
CB30-29		102'7"	31.25	128'2"	39.08	590347	637737	16199	21204	
CB30-30		106'2"	32.33	131'9"	40.15	610721	658110	16716	21881	
All Dia. 105" 2" (32.05 M)		CB34-10	35'5"	10.78	64'7"	19.69	261069	330055	8383	10974
		CB34-11	39'00"	11.85	68'2"	20.77	287238	356223	9048	11844
		CB34-12	42'6"	12.93	71'8"	21.84	313406	382392	9713	12714
		CB34-13	46'1"	14.01	75'2"	22.92	339575	408560	10377	13584
		CB34-14	49'7"	15.09	78'9"	24.00	365743	434728	11042	14454
		CB34-15	53'1"	16.17	82'3"	25.08	391911	460897	11707	15324
		CB34-16	56'8"	17.24	85'10"	26.15	418080	487065	12371	16194
		CB34-17	60'2"	18.32	89'4"	27.23	444248	513233	13036	17064
		CB34-18	63'9"	19.40	92'11"	28.31	470416	539402	13701	17934
	CB34-19	67'3"	20.48	96'5"	29.39	496585	565570	14365	18804	
	CB34-20	70'10"	21.55	99'11"	30.46	522753	591739	15030	19674	
	CB34-21	74'4"	22.63	103'6"	31.54	548921	617907	15695	20544	
	CB34-22	77'10"	23.71	107'0"	32.62	575090	644075	16360	21414	
	CB34-23	81'5"	24.79	110'7"	33.70	601258	670244	17024	22284	
	CB34-24	84'11"	25.86	114'1"	34.78	627427	696412	17689	23154	
	CB34-25	88'6"	26.94	117'8"	35.85	653595	722580	18354	24024	
	CB34-26	92'0"	28.02	121'2"	36.93	679763	748749	19018	24894	
	CB34-27	95'7"	29.10	124'7"	38.01	705563	774918	19682	25764	
	CB34-28	99'1"	30.18	128'3"	39.09	732100	801086	20348	26635	

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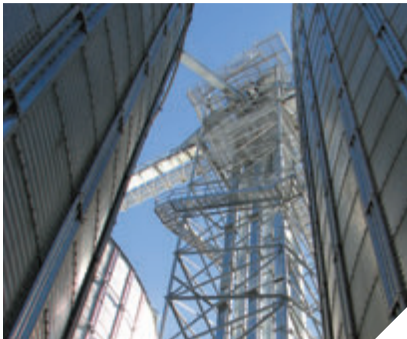
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