



COMMERCIAL HOLDING BINS





DESIGNED FOR STRENGTH AND RELIABILITY

Sturdy Steel Structure

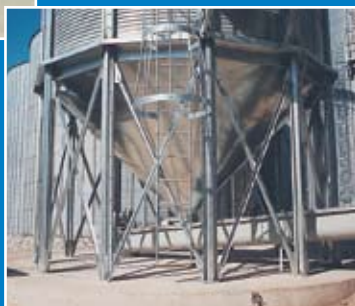


Structural system (provided with bin) elevates the unit for easy access and for installation of handling equipment.



For greater strength and reliability, Brock's specially-engineered support beam encircles the bin (silo) at the top of the hopper, evenly distributing the weight of both silo and hopper to the strong leg support structure. The sturdy support structures on some models have a corrosion resistant galvanized finish while other models feature high-grade, enamel-painted steel. Both provide longevity and low maintenance.

Some of Brock's commercial holding bin models feature a special, totally-galvanized steel substructure, including the support beam and legs.



Other Unique Brock Features:

- More models and choices – from 15-foot (4.6-meter) to 36-foot (11-meter) diameter hopper-bottom holding bins (silos) with strong, narrow-corrugation sidewalls and a maximum storage capacity of over 58,000 bushels (1,900 M³).
- Strong 30° roof helps support the weight of roof-mounted conveying equipment. Support capacities vary from 4,000 to 7,500 pounds (1,800 to 3,400 kg) depending on bin diameter.
- All-galvanized steel stiffener design is one of the strongest available to help your silos stand up to the constant stress and strain of stored grain.
- Sturdy gravity-flow hopper bottom aids the unloading of wet or dry whole kernel grains of many types. The hopper's discharge opening may be equipped with optional rack and pinion or roller gates.
- Available options include a wide variety of Brock components (sidewall ladders and safety cages, easy-to-use sidewall doors, aeration fans, plus others).
- Backed by Brock's five-year warranty for commercial bins – see Brock's full written warranty for complete warranty details.
- Planning assistance and foundation drawings for typical applications are available.

UNMATCHED CHOICES



NARROW CORRUGATION

NARROW-CORRUGATION COMMERCIAL HOPPER BINS (SILOS)

DIAMETER FEET (METERS)	MODEL NUMBER	MAXIMUM CAPACITY*		EAVE HEIGHT		FILL HEIGHT	
		BUSHEL	M ³	FT./IN.	METERS	FT./IN.	METERS
15 FT. (4.6 m)	58-15306	2917	97	25'-6"	7.77	29'-4"	8.94
	58-15307	3313	110	28'-2"	8.59	32'-0"	9.75
	58-15308	3708	123	30'-10"	9.40	34'-8"	10.57
	58-15309	4105	136	33'-6"	10.21	37'-4"	11.38
	58-15310	4500	150	36'-2"	11.02	40'-0"	12.19
	58-15311	4897	163	38'-10"	11.84	42'-8"	13.00
	58-15312	5292	176	41'-6"	12.65	45'-4"	13.82
	58-15313	5688	189	44'-2"	13.46	48'-0"	14.63
	58-15314	6084	202	46'-10"	14.27	50'-8"	15.44
	58-15315	6479	215	49'-6"	15.09	53'-4"	16.26
	58-15316	6876	229	52'-2"	15.90	56'-0"	17.07
	58-15317	7272	242	54'-10"	16.71	58'-8"	17.88
	58-15318	7667	255	57'-6"	17.53	61'-4"	18.69
	58-15319	8063	268	60'-2"	18.34	64'-0"	19.51
	58-15320	8459	281	62'-10"	19.15	66'-8"	20.32
	58-15321	8856	294	65'-6"	19.96	69'-4"	21.13
58-15322	9250	307	68'-2"	20.78	72'-0"	21.95	
18 FT. (5.5 m)	58-18306	4397	146	27'-1"	8.26	31'-9"	9.68
	58-18307	4968	165	29'-9"	9.07	34'-5"	10.49
	58-18308	5538	184	32'-5"	9.88	37'-1"	11.30
	58-18309	6108	203	35'-1"	10.69	39'-9"	12.12
	58-18310	6678	222	37'-9"	11.51	42'-5"	12.93
	58-18311	7249	241	40'-5"	12.32	45'-1"	13.74
	58-18312	7819	260	43'-1"	13.13	47'-9"	14.55
	58-18313	8389	279	45'-9"	13.94	50'-5"	15.37
	58-18314	8960	298	48'-5"	14.76	53'-1"	16.18
	58-18315	9530	317	51'-1"	15.57	55'-9"	16.99
	58-18316	10100	336	53'-9"	16.38	58'-5"	17.81
	58-18317	10672	355	56'-5"	17.20	61'-1"	18.62
	58-18318	11241	374	59'-1"	18.01	63'-9"	19.43
	58-18319	11812	393	61'-9"	18.82	66'-5"	20.24
	58-18320	12382	412	64'-5"	19.63	69'-1"	21.06
	58-18321	12953	431	67'-1"	20.45	71'-9"	21.87
58-18322	13523	450	69'-9"	21.26	74'-5"	22.68	

NARROW-CORRUGATION COMMERCIAL HOPPER BINS (SILOS)

DIAMETER FEET (METERS)	MODEL NUMBER	MAXIMUM CAPACITY*		EAVE HEIGHT		FILL HEIGHT	
		BUSHEL	M ³	FT./IN.	METERS	FT./IN.	METERS
21 FT. (6.4 m)	58-21306	6253	208	28'-7"	8.71	34'-1"	10.39
	58-21307	7030	234	31'-3"	9.53	36'-9"	11.20
	58-21308	7806	259	33'-11"	10.34	39'-5"	12.01
	58-21309	8583	285	36'-7"	11.15	42'-1"	12.83
	58-21310	9360	311	39'-3"	11.96	44'-9"	13.64
	58-21311	10136	337	41'-11"	12.78	47'-5"	14.45
	58-21312	10913	363	44'-7"	13.59	50'-1"	15.27
	58-21313	11690	389	47'-3"	14.40	52'-9"	16.08
	58-21314	12467	414	49'-11"	15.21	55'-5"	16.89
	58-21315	13243	440	52'-7"	16.03	58'-1"	17.70
	58-21316	14020	466	55'-3"	16.84	60'-9"	18.52
	58-21317	14796	492	57'-11"	17.65	63'-5"	19.33
	58-21318	15573	518	60'-7"	18.47	66'-1"	20.14
	58-21319	16350	544	63'-3"	19.28	68'-9"	20.96
	58-21320	17126	569	65'-11"	20.09	71'-5"	21.77
	58-21321	17903	595	68'-7"	20.90	74'-1"	22.58
58-21322	18680	621	71'-3"	21.72	76'-9"	23.39	
24 FT. (7.3 m)	58-24306	8517	283	30'-1"	9.17	36'-6"	11.13
	58-24307	9532	317	32'-9"	9.98	39'-2"	11.94
	58-24308	10546	351	35'-5"	10.80	41'-10"	12.75
	58-24309	11561	384	38'-1"	11.61	44'-6"	13.56
	58-24310	12575	418	40'-9"	12.42	47'-2"	14.38
	58-24311	13591	452	43'-5"	13.23	49'-10"	15.19
	58-24312	14605	485	46'-1"	14.05	52'-6"	16.00
	58-24313	15620	519	48'-9"	14.86	55'-2"	16.81
	58-24314	16634	553	51'-5"	15.67	57'-10"	17.63
	58-24315	17649	587	54'-1"	16.48	60'-6"	18.44
	58-24316	18664	620	56'-9"	17.30	63'-2"	19.25
	58-24317	19678	654	59'-5"	18.11	65'-10"	20.07
	58-24318	20693	688	62'-1"	18.92	68'-6"	20.88
	58-24319	21708	722	64'-9"	19.74	71'-2"	21.69
	58-24320	22662	753	67'-5"	20.55	73'-10"	22.50
	58-24321	23677	787	70'-1"	21.36	76'-6"	23.32
58-24322	24692	821	72'-9"	22.17	79'-2"	24.13	

Continued on reverse



UNMATCHED CHOICES

NARROW CORRUGATION

NARROW-CORRUGATION COMMERCIAL HOPPER BINS (SILOS)							
DIAMETER FEET (METERS)	MODEL NUMBER	MAXIMUM CAPACITY*		EAVE HEIGHT		FILL HEIGHT	
		BUSHELs	M ³	FT./IN.	METERS	FT./IN.	METERS
27 FT. (8.2 m)	58-27406	10935	364	29'-7"	9.02	36'-10"	11.23
	58-27407	12220	406	32'-3"	9.83	39'-6"	12.04
	58-27408	13504	449	34'-11"	10.64	42'-2"	12.85
	58-27409	14789	492	37'-7"	11.46	44'-10"	13.67
	58-27410	16073	534	40'-3"	12.27	47'-6"	14.48
	58-27411	17358	577	42'-11"	13.08	50'-2"	15.29
	58-27412	18642	620	45'-7"	13.89	52'-10"	16.10
	58-27413	19926	662	48'-3"	14.71	55'-6"	16.92
	58-27414	21211	705	50'-11"	15.52	58'-2"	17.73
	58-27415	22496	748	53'-7"	16.33	60'-10"	18.54
	58-27416	23781	791	56'-3"	17.15	63'-6"	19.35
	58-27417	25064	833	58'-11"	17.96	66'-2"	20.17
	58-27418	26349	876	61'-7"	18.77	68'-10"	20.98
	58-27419	27634	919	64'-3"	19.58	71'-6"	21.79
	58-27420	28918	961	66'-11"	20.40	74'-2"	22.61
	58-27421	30202	1004	69'-7"	21.21	76'-10"	23.42
58-27422	31487	1047	72'-3"	22.02	79'-6"	24.23	
30 FT. (9.1 m)	58-30406	13999	465	30'-10"	9.40	38'-11"	11.86
	58-30407	15586	518	32'-6"	9.91	41'-7"	12.67
	58-30408	17171	571	36'-2"	11.02	44'-3"	13.49
	58-30409	18757	624	38'-10"	11.84	46'-11"	14.30
	58-30410	20343	676	41'-6"	12.65	49'-7"	15.11
	58-30411	21929	729	44'-2"	13.46	52'-3"	15.93
	58-30412	23516	782	46'-10"	14.27	54'-11"	16.74
	58-30413	25102	834	49'-6"	15.09	57'-7"	17.55
	58-30414	26688	887	52'-2"	15.90	60'-3"	18.36
	58-30415	28274	940	54'-10"	16.71	62'-11"	19.18
	58-30416	29860	993	57'-6"	17.53	65'-7"	19.99
	58-30417	31446	1045	60'-2"	18.34	68'-3"	20.80
	58-30418	33032	1098	62'-10"	19.15	70'-11"	21.62
	58-30419	34618	1151	65'-6"	19.96	73'-7"	22.43
	58-30420	36204	1204	68'-2"	20.78	76'-3"	23.24
	58-30421	37791	1256	70'-10"	21.59	78'-11"	24.05
58-30422	39376	1309	73'-6"	22.40	81'-7"	24.87	

NARROW-CORRUGATION COMMERCIAL HOPPER BINS (SILOS)							
DIAMETER FEET (METERS)	MODEL NUMBER	MAXIMUM CAPACITY*		EAVE HEIGHT		FILL HEIGHT	
		BUSHELs	M ³	FT./IN.	METERS	FT./IN.	METERS
36 FT. (11.0 m)	58-36406	21597	718	33'-4"	10.16	43'-3"	13.18
	58-36407	23882	794	36'-0"	10.97	45'-11"	14.00
	58-36408	26166	870	38'-8"	11.79	48'-7"	14.81
	58-36409	28451	946	41'-4"	12.60	51'-3"	15.62
	58-36410	30736	1022	44'-0"	13.41	53'-11"	16.43
	58-36411	33020	1098	46'-8"	14.22	56'-7"	17.25
	58-36412	35305	1174	49'-4"	15.04	59'-3"	18.06
	58-36413	37589	1250	52'-0"	15.85	61'-11"	18.87
	58-36414	39874	1326	54'-8"	16.66	64'-7"	19.69
	58-36415	42158	1402	57'-4"	17.48	67'-3"	20.50
	58-36416	44443	1478	60'-0"	18.29	69'-11"	21.31
	58-36417	46728	1554	62'-8"	19.10	72'-7"	22.12
	58-36418	49012	1630	65'-4"	19.91	75'-3"	22.94
	58-36419	51297	1706	68'-0"	20.73	77'-11"	23.75
	58-36420	53581	1782	70'-8"	21.54	80'-7"	24.56
	58-36421	55866	1858	73'-4"	22.35	83'-3"	25.37
58-36422	58150	1933	76'-0"	23.16	85'-11"	26.19	

***Maximum Capacity** for a bin allows for grain to be at the normal (28-degree) angle of repose, starting one inch (25 mm) below the eave. The grain capacities listed are based on ASAE Standard: ASAE S413, plus a compaction factor of 6%. Bins are designed to meet code requirements for 90 mph (145 km/h) wind zones and seismic zone 1. Standard roof peak capacities vary from 4,000 to 7,500 pounds (1,800 to 3,400 kg) depending on bin diameter. In the pursuit of LEADERSHIP THROUGH INNOVATION®, we reserve the right to change specifications without prior notice.

All hopper-bottom bins and silos are designed for the storage of free-flowing materials only. Soybean meal, meat scraps, and certain other materials are not considered to be free-flowing and should not be stored in these bins without the use of qualified flow aid devices and/or appropriate reinforcement.

Because you will customize your grain storage system to your unique needs, not all potentially dangerous or harmful situations can be identified by Brock Grain Systems at the time the bin components and accessories are manufactured. Therefore, it is essential that you think safety first and pay close attention to all possible hazards within your storage systems.



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