

Heritage Series

M5 - M15 (16' - 49')



*Engineered to a Higher Standard*



Innovative designs to improve your bottom line.

### UNMATCHED DESIGN

We know you work diligently to get every bushel from every acre. Rest assured, Behlen Bins will work day and night to protect and store the grain you worked so hard to produce.

Behlen is keenly aware that on-farm storage requires the same quality, strength, and versatility as many commercial operations. With this in mind, we retained many of the design features from our Commercial Big Bin Series to not only meet, but exceed the heavy demands of today's farming operations.

### ONE OF THE LARGEST ROOF DECKS AVAILABLE

The Heritage Series of bins has an ample 32" diameter opening suitable for high capacity filling equipment. The peak of the bin is designed to support increasingly larger filling equipment.

### RIGIDIZED ROOF

Behlen's roll formed roof panels are rigidized between the 3½" high ribs. The panels are held securely at the eave with a minimum of 8 bolts attaching the panels to a continuous angle iron and rib brackets. These features work to keep a roof over your crop, even in the strongest storm.



### UNIQUE WALL SYSTEM PROVIDES EXTRA STRENGTH

The flat-sided, trapezoidal corrugation, offered as our standard design with all Behlen bins, provides greater strength, rigidity, and wind resistance than other types of corrugation. This, combined with our rigid anchor bracket and roll formed base angle will hold your bin securely in place.

### EXTRA LEVEL OF STRENGTH

You can be confident knowing that Behlen has taken great care in insuring that Behlen bins have an extra level of strength at all critical locations. These steps, from production all the way to final assembly, assure that your Behlen bin will be there working to keep your crop secure, even in severe weather conditions





# Behlen Heritage Series Bin Accessories

## ACCESS DOORS

### 1. STANDARD CRAWL DOOR

The unstiffened series comes standard with a 27" square single ring door.

### 2. OPTIONAL WALK THROUGH DOOR

The optional two-ring walk door offers additional ease of entry to the bin interior. It comes with inner and outer doors with over 2' wide by over 5' high opening.



1



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## ROOF SAFETY

3. Behlen offers a complete line of platforms and roof peak safety rails.

## LADDERS

4. Standard outside ladder pictured at right. Other options including stairs are available on certain sizes.



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## Heritage Series

Diameter 5 Meters (16' 5")

Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
5x4	13' 3"	17' 11"	5.47	2,657	75	67	54	87
5x5	16' 6"	21' 3"	6.47	3,248	92	83	66	106
5x6	19' 10"	24' 6"	7.47	3,838	108	97	78	126
5x7	23' 1"	27' 10"	8.47	4,429	125	112	91	146
5x8	26' 4"	31' 1"	9.47	5,019	142	127	103	166
5x9	29' 8"	34' 4"	10.47	5,610	158	142	115	186

## Heritage Series

Diameter 6 Meters (19' 8")

Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
6x4	13' 3"	18' 11"	5.78	3,902	110	99	80	128
6x5	16' 6"	22' 3"	6.78	4,752	134	121	97	156
6x6	19' 10"	25' 6"	7.78	5,602	158	142	115	184
6x7	23' 1"	28' 10"	8.78	6,453	182	164	132	213
6x8	26' 4"	32' 1"	9.78	7,303	206	185	149	241
6x9	29' 8"	35' 4"	10.78	8,153	230	207	167	270

## Heritage Series

Diameter 7 Meters (22' 11")

Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
7x4	13' 3"	19' 10"	6.04	5,413	153	137	111	177
7x5	16' 6"	23' 1"	7.04	6,571	185	167	134	216
7x6	19' 10"	26' 5"	8.04	7,728	218	196	158	254
7x7	23' 1"	29' 8"	9.04	8,886	251	226	182	293
7x8	26' 4"	32' 11"	10.04	10,043	283	255	205	331
7x9	29' 8"	36' 3"	11.04	11,200	316	284	229	370

Typical Grain Densities:

• Wheat approximately 800 kg/m<sup>3</sup> (50 lb/ft<sup>3</sup>) • Corn approximately 720 kg/m<sup>3</sup> (45 lb/ft<sup>3</sup>) • Rice approximately 580 kg/m<sup>3</sup> (36 lb/ft<sup>3</sup>)

\*Capacities based on bin filled to eave with grain peaked in roof area at 28 degree slope. Bushels based on 1.25 cubic ft./bu. Metric ton calculations assume wheat at 800 kg/cubic meter; corn at 720 kg/cubic meter and rice at 580 kg/cubic meters. All maximum capacities include a 6% compaction allowance as determined by the American Society of Agricultural Engineers (ASAE) standard S413

Heritage Series Diameter 8 Meters (26' 3")								
Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
8x4	13' 3"	20' 9"	6.33	7,205	203	183	147	236
8x5	16' 6"	24' 1"	7.33	8,716	246	221	178	287
8x6	19' 10"	27' 4"	8.33	10,228	288	260	209	337
8x7	23' 1"	30' 7"	9.33	11,740	331	298	240	387
8x8	26' 4"	33' 11"	10.33	13,251	374	336	271	438
8x9	29' 8"	37' 2"	11.33	14,763	416	375	302	488

Heritage Series Diameter 11 Meters (36' 1")								
Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
11x4	13' 3"	23' 2"	7.06	14,381	406	365	294	472
11x5	16' 6"	26' 5"	8.06	17,239	486	438	353	567
11x6	19' 10"	29' 9"	9.06	20,097	567	510	411	662
11x7	23' 1"	33' 0"	10.06	22,955	647	583	469	758
11x8	26' 4"	36' 3"	11.06	25,813	728	655	528	852
11x9	29' 8"	39' 7"	12.06	28,671	809	728	586	948

Heritage Series Diameter 9 Meters (29' 6")								
Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
9x4	13' 3"	21' 9"	6.64	9,288	262	236	190	305
9x5	16' 6"	25' 1"	7.64	11,201	316	284	229	368
9x6	19' 10"	28' 4"	8.64	13,144	370	333	268	432
9x7	23' 1"	31' 7"	9.94	15,028	424	381	307	496
9x8	26' 4"	34' 11"	10.64	16,941	478	430	346	559
9x9	29' 8"	38' 2"	11.64	18,854	532	479	385	623

Heritage Series Diameter 13 Meters (42' 8")								
Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
13x4	13' 3"	25' 2"	7.67	20,793	586	528	425	683
13x5	16' 6"	28' 5"	8.67	24,785	699	629	507	816
13x6	19' 10"	31' 9"	9.67	28,777	811	730	588	949
13x7	23' 1"	35' 0"	10.67	32,769	924	832	670	1082
13x8	26' 4"	38' 3"	11.67	36,760	1,037	933	752	1215
13x9	29' 8"	41' 7"	12.67	40,752	1,149	1,034	833	1,347

Heritage Series Diameter 10 Meters (32' 10")								
Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
10x4	13' 3"	22' 8"	6.91	11,676	329	296	239	383
10x5	16' 6"	25' 11"	7.91	14,038	396	356	287	462
10x6	19' 10"	29' 3"	8.91	16,400	463	416	335	541
10x7	23' 1"	32' 6"	9.91	18,762	529	476	384	619
10x8	26' 4"	35' 9"	10.91	21,124	596	536	432	698
10x9	29' 8"	39' 1"	11.91	23,486	662	596	480	776

Heritage Series Diameter 15 Meters (49' 3")								
Model	Eave Height (ft/in)	Overall Height (ft/in)	Overall Height (meters)	Bushels* (maximum)	Metric Tons* (maximum)			Cubic Meters
					Wheat	Corn	Rice	
15x4	13' 3"	26' 2"	7.98	28,626	807	726	585	941
15x5	16' 6"	29' 5"	8.98	33,940	957	861	640	1118
15x6	19' 10"	32' 9"	9.98	39,255	1,107	996	803	1295
15x7	23' 1"	36' 0"	10.98	44,569	1,257	1,131	911	1472
15x8	26' 4"	39' 3"	11.98	49,884	1,407	1,266	1,020	1649
15x9	29' 8"	42' 6"	12.98	55,190	1,556	1,401	1,128	1,825

Typical Grain Densities:

- Wheat approximately 800 kg/m<sup>3</sup> (50 lb/ft<sup>3</sup>) • Corn approximately 720 kg/m<sup>3</sup> (45 lb/ft<sup>3</sup>) • Rice approximately 580 kg/m<sup>3</sup> (36 lb/ft<sup>3</sup>)

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## CURVET

Behlen's Curvet has proven itself as an excellent building system giving long life and outstanding performance. The arch sections provide excellent strength and allow for an economical solution to grain or equipment storage.

## BIG BIN™ SERIES

Behlen offers large capacity bins with diameters up to 157' and capacities exceeding 1,500,000 bu. Our bins are offered in a multitude of sizes to ensure we will have the bin you need to meet your storage requirements. With our years of experience, we know the importance of quality products and dedication to customer service. We are ready to help you with storage solutions that can assist you in gaining a competitive advantage.

## HOPPER TANKS

Behlen Hoppers offer flow-through convenience with many of the same features found in our Big Bin™ Series. They're designed with state-of-the-art computer technology to ensure strength, ease of assembly, and trouble-free operation. We invite you to compare the features and benefits of these tanks. We believe you will recognize that Behlen tanks provide exceptional value.



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