

## SIZES &amp; CAPACITIES

Bin Diameter	# of Rings	Storage Capacity				Eave Height (ft)	Eave Height (m)	Total Height (ft)	Total Height (m)
		Bushels	Cubic Meters	Cubic Feet	Metric Tons				
15'	3	1,836	64.7	2,285	51.8	11' 2"	3.4	15' 11"	4.85
	4	2,382	84	2,965	67.2	14' 10"	4.52	19' 7"	5.97
	5	2,928	103.2	3,645	82.6	18' 6"	5.64	23' 3"	7.09
	6	3,474	122.4	4,324	98	22' 3"	6.78	26' 11"	8.2
	7	4,021	141.7	5,004	113.4	25' 10"	7.87	30' 8"	9.35
	8	4,566	160.9	5,683	128.8	29' 6"	8.99	34' 3"	10.44
	9	5,113	180.2	6,363	144.3	33' 2"	10.11	37' 11"	11.56
	10	5,659	199.4	7,043	159.7	36' 10"	11.23	41' 7"	12.67
	11	6,205	218.7	7,722	175.1	40' 6"	12.34	45' 3"	13.79
	12	6,751	237.9	8,402	190.5	44' 2"	13.46	48' 11"	14.91
18'	3	2,698	95.1	3,358	76.1	11' 2"	3.4	16' 10"	5.13
	4	3,484	122.8	4,336	98.3	14' 10"	4.52	20' 6"	6.25
	5	4,270	150.5	5,315	120.5	18' 6"	5.64	24' 3"	7.39
	6	5,056	178.2	6,293	142.6	22' 3"	6.78	27' 10"	8.48
	7	5,843	205.9	7,272	164.9	25' 10"	7.87	31' 7"	9.63
	8	6,630	233.6	8,251	187.1	29' 6"	8.99	35' 2"	10.72
	9	7,416	261.3	9,229	209.2	33' 2"	10.11	38' 10"	11.84
	10	8,202	289.1	10,208	231.4	36' 10"	11.23	42' 6"	12.95
	11	8,989	316.8	11,187	253.6	40' 6"	12.34	46' 2"	14.07
	12	9,775	344.5	12,165	275.8	44' 2"	13.46	49' 10"	15.19
21'	3	3,745	132	4,661	105.7	11' 2"	3.4	18' 8"	5.69
	4	4,815	169.7	5,993	135.8	14' 10"	4.52	22' 4"	6.81
	5	5,886	207.4	7,325	166.1	18' 6"	5.64	26'	7.92
	6	6,956	245.1	8,657	196.3	22' 3"	6.78	29' 6"	9.07
	7	8,026	282.9	9,989	226.4	25' 10"	7.87	33' 5"	10.19
	8	9,097	320.6	11,321	256.7	29' 6"	8.99	37'	11.28
	9	10,167	358.3	12,653	286.8	33' 2"	10.11	40' 8"	12.4
	10	11,237	396	13,985	317	36' 10"	11.23	44' 4"	13.51
	11	12,308	433.7	15,317	347.3	40' 6"	12.34	48'	14.63
	12	13,378	471.4	16,649	377.4	44' 2"	13.46	51' 8"	15.75
24'	3	4,986	175.7	6,206	140.7	11' 2"	3.4	19' 3"	5.87
	4	6,385	225	7,946	180.1	14' 10"	4.52	22' 11"	6.99
	5	7,782	274.2	9,685	219.6	18' 6"	5.64	26' 8"	8.13
	6	9,180	323.5	11,425	259	22' 3"	6.78	30' 3"	9.22
	7	10,578	372.8	13,165	298.4	25' 10"	7.87	33' 12"	10.36
	8	11,977	422.1	14,905	337.9	29' 6"	8.99	37' 8"	11.48
	9	13,374	471.3	16,644	377.3	33' 2"	10.11	41' 3"	12.57
	10	14,772	520.6	18,384	416.8	36' 10"	11.23	44' 11"	13.69
	11	16,170	569.8	20,124	456.2	40' 6"	12.34	48' 8"	14.83
	12	17,569	619.1	21,864	495.7	44' 2"	13.46	52' 3"	15.93
27'	3	6,431	226.6	8,004	181.4	11' 2"	3.4	20' 2"	61.5
	4	8,201	289	10,206	231.4	14' 10"	4.52	23' 10"	7.26
	5	9,970	351.4	12,408	281.3	18' 6"	5.64	27' 6"	8.38
	6	11,740	413.7	14,610	331.2	22' 3"	6.78	31' 3"	9.53
	7	13,509	476.1	16,812	381.1	25' 10"	7.87	34' 10"	10.62
	8	15,278	538.4	19,013	431	29' 6"	8.99	38' 6"	11.73
	9	17,047	600.7	21,215	481	33' 2"	10.11	42' 2"	12.85
	10	18,817	663.1	23,417	530.9	36' 10"	11.23	45' 10"	13.97
	11	20,586	725.4	25,619	580.8	40' 6"	12.34	49' 6"	15.09
	12	22,355	787.8	27,821	630.7	44' 2"	13.46	53' 2"	16.21

## ROOF ASSEMBLY

A 32.5° standard roof angle is available for both structured and non-structured versions, with peak load capacities ranging from 4 K to 12 K. All Lambton roofs include standard fall arrest anchor points.

## ROOF LADDERS AND STAIRS

Lambton provides standard roof ladders, with optional ladder handrails and stair packages available.

## PLATFORMS

Various platform types are available for rest, side draw and at-eave locations.

## STRESS-TESTED DESIGN

Lambton's technology optimizes bin construction by calculating wind stresses, roof-mounted equipment loads, and even snow loads, both evenly distributed and unbalanced. We offer upgrade options tailored to your location and needs.

## LADDER AND CURVED BIN STAIRS

We offer a conventional ladder with a safety cage for safe access. For a more comfortable climb, a curved stairway can

## SIDEWALLS

All sidewall sheets feature 4" wide corrugation with G115 galvanized coating for superior protection and long-lasting service.

## WIND RINGS

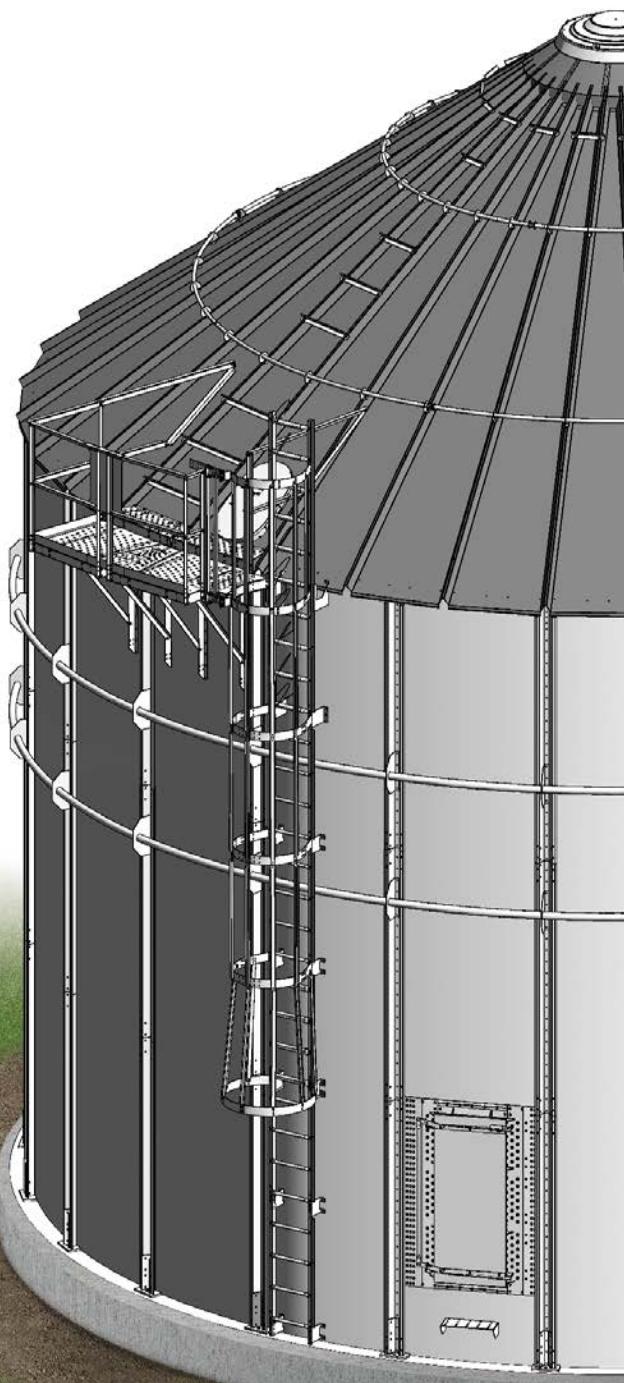
Wind rings are provided as required

## ROOF SHEET

Roof sheets utilize a 3" rib and flat plane corrugation with 4" spacing for increased rigidity.

## ACCESS DOORS

Each bin comes with 44" or 66" doors, along with a standard bin step for convenient access.



# GRAIN BINS



## HARDWARE

For bin assembly, we utilize JS1000™ plated Grade 8.2 hardware. This plating has demonstrated complete rust-free performance in over 1,000 hours of salt spray testing, surpassing regular electro-zinc products by 20-25 times in corrosion resistance.

## BENEFITS OF 4" CORRUGATION

- Decreased resistance to downward grain flow, minimizing hang-ups and bridging.
- Enhanced vertical strength compared to narrow corrugation.
- Larger 44" sidewall sheets allow for reduced build

## ROOF VENT

Large 18" roof vents are available. Extruded roof vent openings can be pre-punched into roof sheets as requested to ensure weather sealing and quick assembly.

## AERATION SYSTEMS

Centrifugal and axial fans with high and low speeds available to meet all your aeration needs. Full or partial aeration floors are available to suit any application.

## UNLOADING SYSTEMS

Unloading options include power sweep systems, conventional tube unloads, sweep augers and chain conveyors.

## NEW PRODUCT: SQUARE FEED BINS

- Galvanized steel construction
- Bolted modular design allows for customization and easy shipping & installation
- Raised inspection door on lid
- Cutout holes for top & bottom level indicators



## SIZES & CAPACITIES

Bin Diameter	# of Rings	Storage Capacity				Eave Height (ft)	Eave Height (m)	Total Height (ft)	Total Height (m)
		Bushels	Cubic Meters	Cubic Feet	Metric Tons				
30'	4	10,273	362	12,785	289.8	14' 10"	4.52	24' 10"	7.57
	5	12,457	439	15,503	351.5	18' 6"	5.64	28' 6"	8.69
	6	14,642	516	18,222	413.1	22' 3"	6.78	32' 3"	9.83
	7	16,826	593	20,940	474.7	25' 10"	7.87	35' 10"	10.92
	8	19,010	669.9	23,658	536.3	29' 6"	8.99	39' 6"	12.04
	9	21,195	746.9	26,377	598	33' 2"	10.11	43' 2"	13.16
	10	23,379	823.9	29,095	659.6	36' 10"	11.23	46' 10"	14.27
	11	25,564	900.9	31,814	721.2	40' 6"	12.34	50' 6"	15.39
	12	27,748	977.8	34,532	782.9	44' 2"	13.46	54' 2"	16.51
	4	12,611	444.4	15,694	355.8	14' 10"	4.52	25' 9"	7.85
33'	5	15,254	537.5	18,983	430.4	18' 6"	5.64	29' 5"	8.97
	6	17,896	630.7	22,272	504.9	22' 3"	6.78	33' 2"	10.11
	7	20,539	723.8	25,561	579.5	25' 10"	7.87	36' 9"	11.2
	8	23,182	816.9	28,850	654	29' 6"	8.99	40' 5"	12.32
	9	25,826	910.1	32,140	728.6	33' 2"	10.11	44' 1"	13.44
	10	28,469	1,003.20	35,429	803.2	36' 10"	11.23	47' 9"	14.55
	11	31,112	1,096.40	38,718	877.8	40' 6"	12.34	51' 5"	15.67
	12	33,755	1,189.50	42,007	952.3	44' 2"	13.46	55' 1"	16.79
	4	15,221	536.4	18,943	429.4	14' 10"	4.52	26' 8"	8.13
	5	18,367	647.2	22,857	518.2	18' 6"	5.64	30' 5"	9.27
36'	6	21,513	758.1	26,772	607	22' 3"	6.78	34'	10.36
	7	24,658	868.9	30,686	695.7	25' 10"	7.87	37' 9"	11.51
	8	27,804	979.8	34,601	784.4	29' 6"	8.99	41' 5"	12.62
	9	30,949	1,090.60	38,515	873.2	33' 2"	10.11	45'	13.72
	10	34,095	1,201.50	42,430	961.9	36' 10"	11.23	48' 8"	14.83
	11	37,240	1,312.30	46,344	1,050.70	40' 6"	12.34	52' 5"	15.98
	12	40,386	1,423.20	50,259	1,139.40	44' 2"	13.46	56'	17.07
	4	21,300	750.6	26,508	600.9	14' 10"	4.52	28' 7"	8.71
	5	25,583	901.5	31,837	721.8	18' 6"	5.64	32' 3"	9.83
	6	29,864	1,052.40	37,165	842.6	22' 3"	6.78	35' 12"	10.97
42'	7	34,145	1,203.30	42,493	963.3	25' 10"	7.87	39' 8"	12.09
	8	38,427	1,354.10	47,821	1,084.20	29' 6"	8.99	43' 3"	13.18
	9	42,708	1,505.00	53,149	1,204.90	33' 2"	10.11	46' 11"	14.3
	10	46,990	1,655.90	58,477	1,325.70	36' 10"	11.23	50' 7"	15.42
	11	51,271	1,806.80	63,805	1,446.50	40' 6"	12.34	54' 3"	16.54
	12	55,552	1,957.60	69,133	1,567.30	44' 2"	13.46	57' 11"	17.65
	4	28,582	1,007.20	35,570	806.4	14' 10"	4.52	30' 5"	9.27
	5	34,174	1,204.30	42,529	964.2	18' 6"	5.64	34' 2"	10.41
	6	39,766	1,401.30	49,488	1,121.90	22' 3"	6.78	37' 9"	11.51
	7	45,358	1,598.40	56,447	1,279.70	25' 10"	7.87	41' 6"	12.65
48'	8	50,951	1,795.50	63,407	1,437.50	29' 6"	8.99	45' 2"	13.77
	9	56,543	1,992.50	70,366	1,595.30	33' 2"	10.11	48' 9"	14.86
	10	62,135	2,189.60	77,325	1,753.00	36' 10"	11.23	52' 5"	15.98
	11	67,727	2,386.70	84,284	1,910.80	40' 6"	12.34	56' 2"	17.12
	12	73,319	2,583.70	91,243	2,068.60	44' 2"	13.46	59' 9"	18.21

## OTHER STANDARD INCLUSIONS:

- 1 1/2 ring bin door
- Standard roof
- Bin door step
- 4" wide corrugation