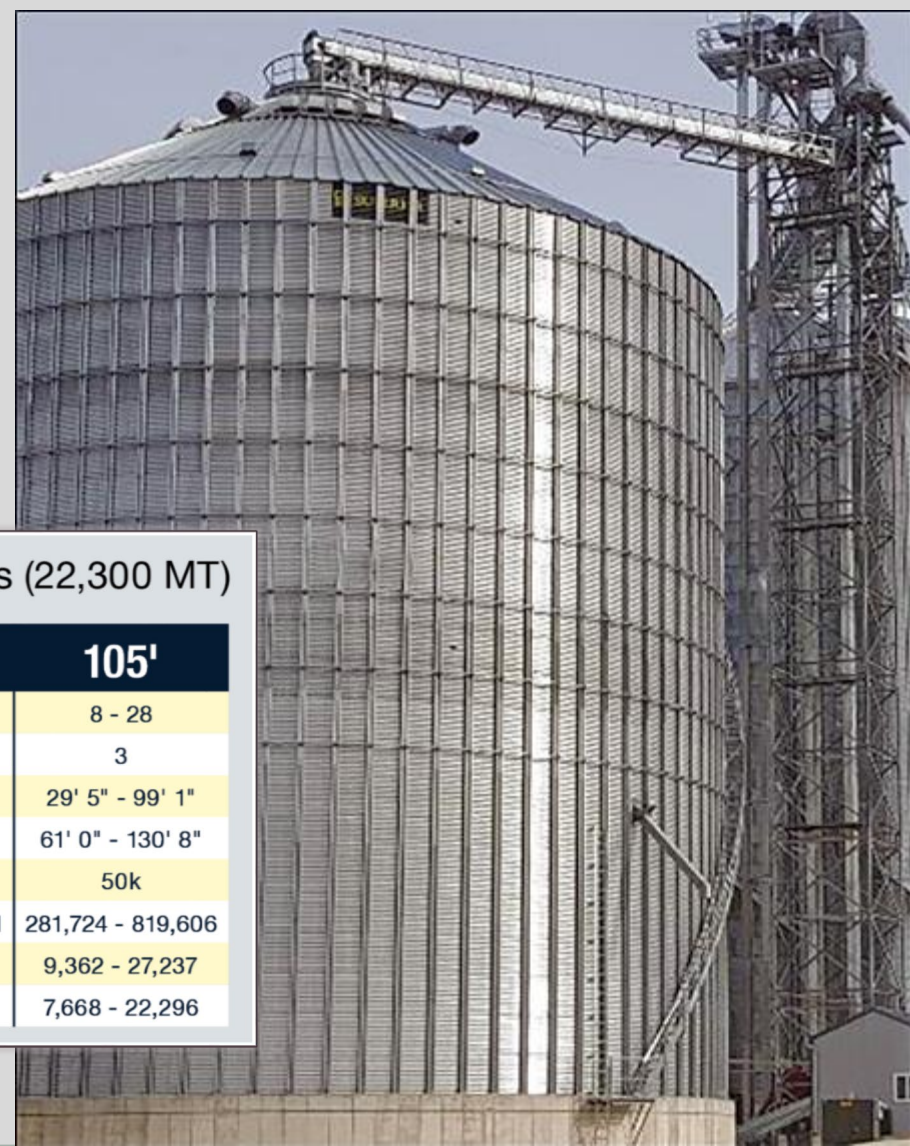




COMMERCIAL BINS

- 30' - 105' diameters
- 5 - 28 rings
- 12,502 – 820,000 +/- bushels



Capacities up to 820,000 +/- bushels (22,300 MT)

	60'	75'	90'	105'
RINGS	5 - 26	8 - 22	8 - 28	8 - 28
STIFFENERS	2	2	3	3
EAVE HEIGHT	18' 5" - 95' 5"	29' 5" - 80' 9"	29' 5" - 99' 1"	29' 5" - 99' 1"
PEAK HEIGHT	36' 10" - 113' 10"	51' 11" - 103' 3"	56' 7" - 126' 3"	61' 0" - 130' 8"
ROOF LOAD	15k, 30k, 50k	15k, 30k, 50k	50k	50k
MAX BU. CAPACITY	56,313 - 239,871	133,887 - 325,093	199,889 - 573,561	281,724 - 819,606
MAX CAPACITY (M3)	1,871 - 7,971	4,449 - 10,803	6,643 - 19,766	9,362 - 27,237
MAX CAPACITY (MT)	1,533 - 6,529	3,644 - 8,848	5,441 - 16,189	7,668 - 22,296



COMMERCIAL BINS

Structured Roofs

Bin Diameter	Panels	Standard Roof	Optional Roof
30' – 60'	Single-Panel	15k	30k, 50k
75'	Multi-Panel	15K	30k, 50k
90', 105'	Multi-Panel	50K	-





Structured Roofs

- Galvanized Rafters
- Tension Purlins
- Galvanized X-Bracing





Structured Roofs

Galvanized Rafters

- Single and double C-channel rafters provide support for structured roofs.





Structured Roofs

Tension Purlins

- Designed to go into tension as the weight of the roof pushes down.
- Stabilizes both the roof and the sidewall sheets to eliminate distortion.





Structured Roofs

X-Bracing

- Galvanized X-Bracing for secure alignment of rafters and roof sheets.





COMMERCIAL BINS

Structured Roofs

Formed Peak Ring

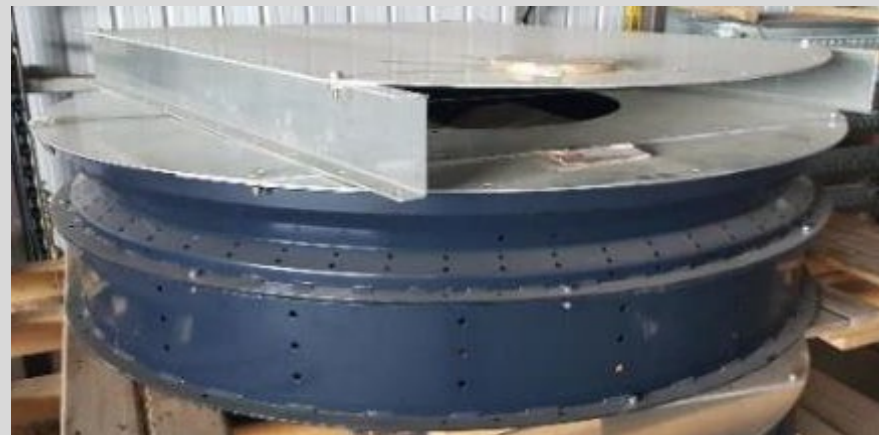
30' - 54' diameter bins

- 3 breaks instead of one to resist deformation.
- Roof panels rest on peak ring and are pressed into a foam closure to seal against wind-driven snow or rain.

Hard Cap Option

60' - 105' diameter bins

- 10' diameter flat-top roof
- 50,000 lb. roof load rating
- Wrap with a Hard Cap.





COMMERCIAL BINS

Peak Walk-Around Platform

- Bolt-together galvanized construction.





COMMERCIAL BINS

Roof Stairs

- Bolt-together galvanized construction eliminates failure, rust formation or welds cracking
- Adjustable treads
- 34" x 60" platform.





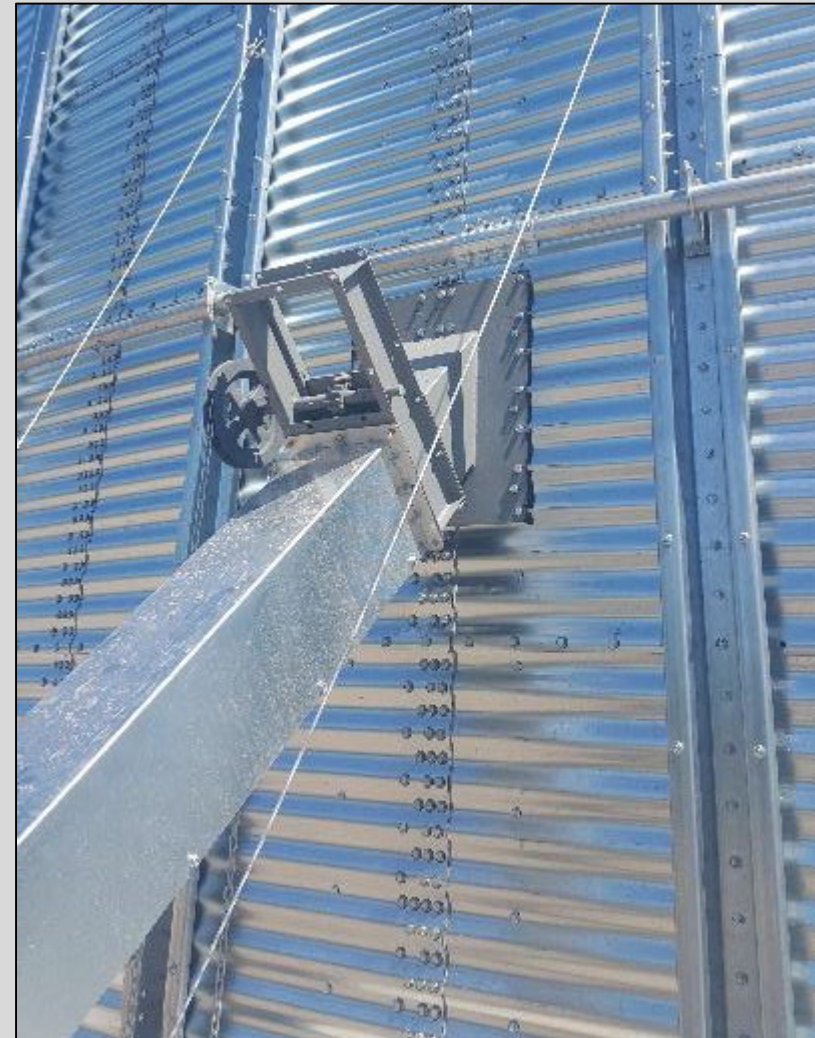
COMMERCIAL BINS

Side draws

- Exits the bin in 6th ring
- Gate and chute standard

Side wall wind rings

- Standard at 12 rings tall
- Additional ring every 88"

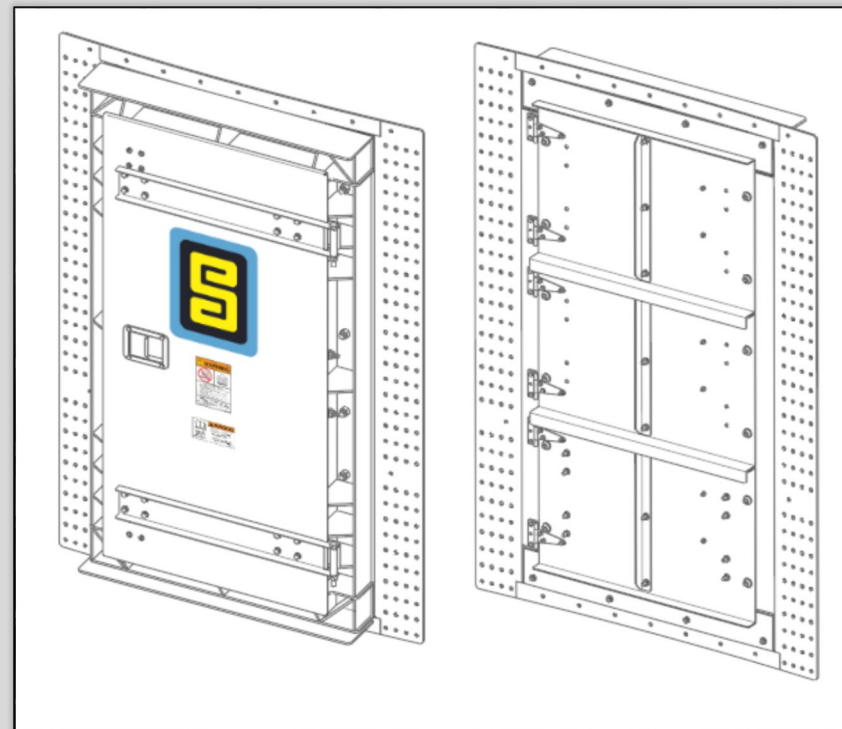




COMMERCIAL BINS

Bin Doors

- 66" Walk Thru Doors
 - 2- Bolt Together
 - 15'-33' diameter bins
 - 36'-60' diameter bins
- 66" Welded Door
 - 42'-75' diameter bins
- 66" Single Welded 2-Ring
 - 3 Stiffeners
 - 90'-105' diameter bins





COMMERCIAL BINS

Laminated Stiffeners

- Roll-formed for consistent fit.
- Splice connections on 3 planes provides critical load bearing transfer between stiffener sections.



Welded Base Anchor

- Powder-coated to prevent rust
- Provides a secure anchoring system.

