



INDUSTRIES, INC.

[www.schakeinc.com](http://www.schakeinc.com)



# Spiral Aluminum Silos at a Competitive Price

*Corrosion-Free*

*Zero Maintenance*

*Structurally Strong*

As a trusted supplier of Spiral Aluminum Silos for top companies, Schake Industries has spent years developing our innovative manufacturing techniques. These capabilities allow us to offer the superior performance of Spiral Aluminum Silos at a price which is competitive with welded steel and less than welded aluminum.

## *Features*

- Excellent for Dry Bulk Storage
- Usable silo storage capacities range from 1818 to 8917 cubic feet
- Standard diameters of 11'6" and 14'8" up to 60' in height.
- Options such as doors, ladders, and sensors can be custom configured
- 5 Year Warranty

## *Superior Factory Quality*

- Corrosion free non-ferrous aluminum
- Roll-formed spiral construction
- Edges are double-crimped and welded with a continuous bead
- Seams are smoothed to improve material flow and prevent hang-up
- Custom reinforced for high risk locations such as seismic and high wind threats
- All Schake Silos undergo a 50 point quality inspection.

## *Professional Delivery And Installation*

- Silos with diameters of 11'6" are built at our factory and shipped via truck to anywhere in the US, Mexico, or Canada.
- Larger 14'8" diameter silos are professional constructed on site by factory crew.
- All installation and servicing is done by factory trained Schake Personnel. We do not sub-contract.
- Schake also offers a wide range of related services and products. Please ask us, we can help.

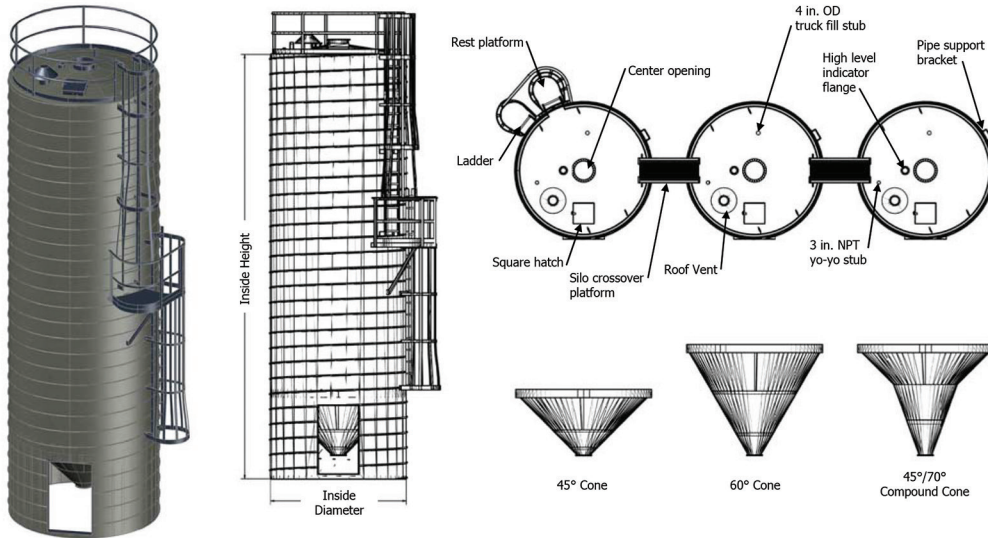
**Whether you are purchasing a single Silo, replacing aging units, or considering a plant expansion, talk to Schake - the Spiral Aluminum Silo experts.**

**Schake Silos are manufactured by the factory using roll formed spiral construction and ferrous-free aluminum:**

- Structurally strong and durable.
- Maintenance Free. No painting or epoxy required.
- Corrosion-free aluminum. No chipping paint or rust
- Professional and quick installation.
- Aluminum retains its value.
- We'll remove your old Silos, if needed.

**HONESTY • INTEGRITY • COMMITMENT • QUALITY**

# Specifications



## Silo Models: 11 ft. 6 in. diameter

Silo inside height ft. (m) <sup>A</sup>	24 (7.3)	28 (8.5)	30 (9.1)	32 (9.8)	36 (11.0)	40 (12.2)	44 (13.4)	48 (14.6)	52 (15.8)	56 (17.1)	60 (18.3)
Performance characteristics											
Silo Capacity 45° cone ft <sup>3</sup> (liters) <sup>B C</sup>	1818 (51480)	2234 (63260)	2241 (69121)	2649 (75011)	3065 (86791)	3480 (98543)	3896 (110322)	4311 (122074)	4727 (133854)	5142 (145605)	5558 (157385)
Weight lb (kg) <sup>E</sup>											
Shipping (empty)	4066 (1844)	4459 (2023)	4768 (2163)	5076 (2302)	5664 (2569)	6117 (2775)	6569 (2980)	7020 (3184)	7846 (3559)	8341 (3783)	8838 (4009)
Full to capacity	76786 (34830)	93819 (42556)	102408 (46452)	111036 (50366)	128264 (58180)	145316 (65915)	162409 (73668)	179460 (81403)	196926 (89325)	214021 (97079)	231158 (104853)

## Silo Models: 14 ft. 8 in. diameter

Silo inside height ft. (m) <sup>A</sup>	24 (7.3)	28 (8.5)	30 (9.1)	32 (9.8)	36 (11.0)	40 (12.2)	44 (13.4)	48 (14.6)	52 (15.8)	56 (17.1)	60 (18.3)
Performance characteristics											
Silo Capacity 45° cone ft <sup>3</sup> (liters) <sup>B C</sup>	2835 (80278)	3511 (99420)	3849 (108992)	4187 (118563)	4863 (137705)	5538 (156819)	6214 (175961)	6890 (195103)	7566 (214245)	8242 (233387)	8917 (252501)
Weight lb (kg) <sup>E</sup>											
Shipping (empty)	5443 (2469)	5957 (2702)	6397 (2902)	6836 (3101)	7355 (3336)	7876 (3573)	8395 (3808)	9341 (4237)	9933 (4506)	10532 (4777)	11116 (5042)
Full to capacity	118843 (53907)	146397 (66405)	160357 (72737)	174316 (79069)	201875 (91570)	229396 (104053)	256955 (116554)	284941 (129248)	312573 (141782)	340212 (154319)	367796 (166831)

## Notes

- Ä – For overall height add 43 inches to inside height to account for the guardrail
- ß – Cones are available in 45° for pellets, except PET; 60° for powdered materials; and compound 45°/70° for PET pellets
- Ç – Reduce silo capacity for 60° cone. 11 ft. 6 in., subtract 245 ft<sup>3</sup>; and 14 ft. 8 in., subtract 558 ft<sup>3</sup>.  
Reduce silo capacity for 45°/70° compound cone. 11 ft. 6 in., subtract 360 ft<sup>3</sup>; and 14 ft. 8 in., subtract 636 ft<sup>3</sup>.
- Ð – Wind load is 100 mph for Seismic Zones land 140 for Seismic Zone II and III
- Ê – Weight is based on 40 lb/ft<sup>3</sup> materials.