

CORRUGATED SILOS

Bulk Storage Solutions



Features

- Capacities ranging from 385 to 5,628 cubic feet
- 45° or 60° Cone design
- Anchor Bolts Included
- 12" diameter opening with standard 16" square mounting flange
- Hinged 3' 6" x 6' 8" Louvered Access Door in Skirt
- 10" Roof Dome with 20" Manway/Vent

Options

- OSHA Compliant Ladder, Platform and Cage with Fall Arrest System
- Deck Perimeter Handrail with toe-board
- Crossover Walkways
- Pressure/Vacuum Relief Valve
- Fill Lines
- Point level sensors
- Low Level Alarm Panel
- Continuous level sensors
- Silo Inventory Monitoring Panel
- Slide Gate Shut-off
- Vacuum Take-off boxes
- Load Cells
- Air Pads
- Angel Hair trap
- Drawer Magnet
- Turn-key installation

TSM Corrugated Silos are available in sizes ranging from 385 to 5,628 cubic feet. The silos are available with two cone angle options; 45° cones are used for free flowing pellets and 60° cones are used for powders and non-free flowing flake or regrind materials. Silos are provided with a 12" diameter opening with an industry standard 16" square mounting flange.

Please call your local **TSM** representative to set up an appointment to discuss all your bulk storage and handling needs.

CORRUGATED SILOS

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Specifications:

SKIRTED STORAGE SILOS							
DIAMETER	MODEL NUMBER	APPROXIMATE CAPACITY				HEIGHT TO LID	
		MAXIMUM		USABLE W/30° ANGLE OF REPOSE			
		Cu. Ft.	M ³	Cu. Ft.	M ³	FEET	METERS
9 Ft. (2.7m) Diameter 45° Hopper 3-Ring Skirt	S45-00932	439	12	385	11	15.1	4.6
	S45-00933	608	17	554	16	17.8	5.4
	S45-00934	777	22	723	20	20.4	6.2
	S45-00935	946	27	892	25	23.1	7.0
	S45-00936	1,115	32	1,061	30	25.8	7.9
9 Ft. (2.7m) Diameter 60° Hopper 4-Ring Skirt	S45-00902	514	15	460	13	17.8	5.4
	S45-00903	684	19	630	18	20.4	6.2
	S45-00904	854	24	800	23	23.1	7.0
	S45-00905	1,019	29	965	27	25.8	7.9
	S45-00906	1,189	34	1,135	32	28.4	8.7
12 Ft. (3.7m) Diameter 45° Hopper 3-Ring Skirt	S45-01232	803	23	662	19	14.8	4.5
	S45-01233	1,102	31	961	27	17.2	5.2
	S45-01234	1,400	40	1,259	36	20.1	6.1
	S45-01235	1,698	48	1,557	44	22.8	6.9
	S45-01236	1,997	57	1,856	53	25.5	7.8
12 Ft. (3.7m) Diameter 60° Hopper 5-Ring Skirt	S45-01237	2,295	65	2,154	61	28.1	8.6
	S45-01202	966	27	825	23	20.1	6.1
	S45-01203	1,265	36	1,124	32	22.8	6.9
	S45-01204	1,563	44	1,422	40	25.5	7.8
	S45-01205	1,861	53	1,720	49	28.1	8.6
15 Ft. (4.6m) Diameter 45° Hopper 4-Ring Skirt	S45-01206	2,160	61	2,019	57	30.6	9.3
	S45-01532	1,386	39	1,096	31	17.8	5.4
	S45-01533	1,854	52	1,564	44	20.4	6.2
	S45-01534	2,323	66	2,033	58	23.1	7.0
	S45-01535	2,792	79	2,502	71	25.8	7.9
45° Hopper 4-Ring Skirt	S45-01536	3,261	92	2,971	84	28.4	8.7
	S45-01537	3,730	106	3,440	97	31.1	9.5
	S45-01538	4,199	119	3,909	111	33.8	10.3

SKIRTED STORAGE SILOS							
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		MAXIMUM		USABLE W/30° ANGLE OF REPOSE			
		Cu. Ft.	M ³	Cu. Ft.	M ³	FEET	METERS
15 Ft. (4.6m) Diameter 60° Hopper 6-Ring Skirt	S45-01502	1,743	49	1,444	41	23.1	7.0
	S45-01503	2,200	62	1,910	54	25.8	7.9
	S45-01504	2,666	75	2,376	67	28.4	8.7
	S45-01505	3,132	89	2,842	80	31.1	9.5
	S45-01506	3,599	102	3,309	94	33.8	10.3
	S45-01507	4,065	115	3,775	107	36.4	11.1
18 Ft. (5.5m) Diameter 45° Hopper 4-Ring Skirt	S45-01832	2,120	60	1,600	45	18.0	5.5
	S45-01833	2,791	79	2,271	64	20.6	6.3
	S45-01834	3,463	98	2,943	83	23.3	7.1
	S45-01835	4,134	117	3,614	102	26.0	7.9
	S45-01836	4,805	136	4,285	121	28.6	8.7
	S45-01837	5,476	155	4,956	140	31.3	9.5
	S45-01838	6,148	174	5,628	159	34.0	10.4

Notes:

Based on 30° angle of repose of material
For overall height of silo, add 44" for handrail
Assumes 30" ground clearance from discharge flange



Silo Outlet with Slide Gate and Vacuum Take-off Box

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