

Blending | Controls | Analytics

STORAGE SILOS

Bulk Storage Solutions

TSM



Features

- Capacities ranging from 840 to 9,830 cubic feet
- Welded, Bolted and Corrugated Silos
- Carbon Steel, Aluminum or Stainless Steel Construction
- 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
- Epoxy Interior Finish with Enamel Exterior Finish on all Welded Silos.
- 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 Storage Silos are available in sizes ranging from 840 to 9,830 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. The inside of the silos are epoxy coated to prevent material contamination. The exterior of welded silos are primed and enamel coated.

TSM Storage Silos are shipped to the customers site on a dedicated truck. A crane is used to set the silo in place on the customer poured concrete pad. Once all the accessories are connected, the silo will be ready for immediate use.

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

www.tsm-controls.com



STORAGE SILOS

Bulk Storage Solutions

Specifications:

Silo Diameter	10'									
Silo Eave Height	18'	24'	30'	36'	42'	48'	54'	60'	66'	72'
Silo Usable Capacity (Cuft) with 45° Cone	840	1,310	1,780	2,250	2,720	3,190	3,660	4,140	4,610	5,080
Silo Weight (empty) lb	4,740	5,830	6,880	7,920	8,970	10,830	12,470	13,550	15,090	16,510

Silo Diameter	12'									
Silo Eave Height	18'	24'	30'	36'	42'	48'	54'	60'	66'	72'
Silo Usable Capacity (Cuft) with 45° Cone	1,240	1,910	2,580	3,250	3,920	4,590	5,250	5,830	6,500	7,170
Silo Weight (empty) lb	6,060	7,310	8,560	10,310	11,560	13,260	15,280	16,520	18,260	20,100

Silo Diameter	14'									
Silo Eave Height	18'	24'	30'	36'	42'	48'	54'	60'	66'	72'
Silo Usable Capacity (Cuft) with 45° Cone	1,610	2,520	3,440	4,350	5,260	6,180	7,090	8,000	8,910	9,830
Silo Weight (empty) lb	8,790	10,300	11,760	14,270	15,720	17,180	19,160	21,280	23,930	26,570

Notes:

- Based on 25° angle of repose of material
- For overall height of silo, add 44" for handrail
- Silo weight does not include accessories
- Capacities of silos will be reduced for 60° cones
- Assumes 30" ground clearance from discharge flange



Full Installation Services



Silo Mounted on Load Cells



Silo Outlet with Slide Gate and Vacuum Take-off Box

European Office

TSM
Ard Easmuinn, Dundalk,
Co. Louth, Ireland

Tel: +353-42-9335560
Fax: +353-42-9334422

General Info:
info@tsm-controls.com
Sales:
sales@tsm-controls.com
Support:
service@tsm-controls.com

North America Regional Offices

TSM Inc.
1505 Johnson Ferry Road
Marietta, GA 30062, USA

Tel: (770)886-6630
Fax: (770)886-2395

General Info:
info@us.tsm-controls.com
Sales:
sales@us.tsm-controls.com
Support:
service@us.tsm-controls.com

TSM Inc.
1404 Joliet Road
Romeoville, IL 60446, USA

Asia-Pacific Regional Office

TSM Taiwan
Siangshang Street
Taichung City, Taiwan

Tel: +886-4-24728185
Fax: +886-4-24728180

General Info:
info@tsm-controls.com.tw
Sales:
sales@tsm-controls.com.tw
Support:
service@tsm-controls.com.tw

China Regional Office

TSM China
Room 2423, IPC Center, No. 983
East HuangPu AVE, HuangPu District
GuangZhou City 510000, China

Tel: +86-20-86266016
Fax: +86-20-86266015

General Info:
china@tsm-controls.com
Sales:
china@tsm-controls.com
Support:
china@tsm-controls.com