

WELDED SILO SERIES

And Accessories



Technical Specifications

Welded Silos offer easy maintenance and unmatched weatherproof construction. Offering the highest quality standards, these silos include: tank sections which are dimensionally held to extremely close tolerance for high weldment integrity; submerged arc welding of carbon steel cylinders for 100% penetration with no slag or porosity; automatic power brushing of exterior circumferential welds of white metal finish for inspection and coating; and sand blasted interiors with high tooth profile for superior paint- to-metal bonding with superior grade coatings. Stainless steel and aluminum silos are also available.

Features

Standard Features

- Skirted design constructed of carbon steel
- Hinged 3'6" x 6'8" louvered access door
- 20" diameter center dome with cover
- 12" diameter bottom discharge opening with 30" clearance and 16" square mounting flange
- Anchor bolts as required
- Standard epoxy interior finish with enamel exterior finish

Optional Features

- Deck perimeter guardrail with toe-board
- Ladder, platform and cage to OSHA guidelines
- Crossover walkways
- Manhole/vent
- Air pad holes
- Sight glass
- Silo inventory measuring head opening

Specifications

WELDED SILOS WITH 45° CONE			
Silo Diameter	Silo. Ht. (To Eave)	Usable Cap. Cu. Ft.* 45° Hopper	Silo Weight**
10'	18'	799	4,637
	24'	1,273	5,703
	30'	1,747	6,769
	36'	2,221	8,601
	42'	2,695	9,667
	48'	3,169	11,116
	54'	3,643	12,565
	60'	4,417	14,014
12'	24'	1,823	7,183
	30'	2,501	8,466
	36'	3,179	10,671
	42'	3,857	11,954
	48'	4,535	13,698
	54'	5,213	15,451
	60'	5,801	17,186
	66'	6,569	18,930
13'++	72'	7,247	20,674
	24'	2,082	10,628
	30'	2,880	12,518
	36'	3,678	14,408
	42'	4,476	16,298
	48'	5,274	18,188
	54'	6,072	20,078
	60'	6,870	21,968
	66'	7,668	23,858
72'	8,466	25,748	

WELDED SILOS WITH 60° CONE			
Silo Diameter	Silo. Ht. (To Eave)	Usable Cap. Cu. Ft.* 45° Hopper	Silo Weight**
10'	18'	714	4,900
	24'	1,188	5,966
	30'	1,662	7,032
	36'	2,136	8,864
	42'	2,610	9,930
	48'	3,084	11,379
	54'	3,558	12,828
	60'	4,032	14,277
12'	24'	1,537	7,559
	30'	2,215	8,842
	36'	2,893	11,047
	42'	3,571	12,330
	48'	4,249	14,074
	54'	4,927	15,818
	60'	5,605	17,562
	66'	6,283	19,306
13'++	72'	6,961	21,050
	24'	1,693	11,229
	30'	2,491	13,119
	36'	3,289	15,009
	42'	4,087	16,899
	48'	4,885	18,789
	54'	5,683	20,769
	60'	6,481	22,569
66'	7,279	24,459	
72'	8,077	26,349	

*Based on 25o angle of repose, based on seismic 1 design and 40 lb/cu. ft materials.

**Silo weights do not include accessories

++ 13' diameter silos cannot be shipped to all locations

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