

**POWEROL<sup>®</sup>**

# SILOS

India's Leading **Make in India** manufacturer of superb quality Silos established in Chennai.

INDIA'S CONSTRUCTION MACHINERY MANUFACTURER

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

## CEMENT/FLY ASH SILO

We are a leading manufacturer and supplier of Cement silos and Fly Ash Silos from 30 Tonnes to 200 Tonnes that are in line with the highest quality standards prescribed by the industry. We are offering Storage Silos to our clients, which are mainly a part of the concrete industry use at RMC Plant. This cement or fly ash silos is highly durable and at competitively priced. We also manufacture silos as per the specific requirements of our clients

A Cement silo is a key component of concrete plants, which has contributed to the material storage of concrete batching plant. There are many types of silos in the market, and in the construction industry, we can divide them into Welded cement silo and the Bolted cement silo.

## WELDED SILO

Powerol manufactures highest quality Welded Silos as per industry prescription. The capacities available range from 30 tonnes to 200 tonnes. Since the welded silos are always in stock it allows for faster installation for our clients.

Type	Storage Capacity		Dia mm	Overall Height mm	Discharge Height
	M <sup>3</sup>	MT (*)			
WELD 30	21	30	2500	6500	1200
WELD 50	35	50	3200	7500	1200
WELD 65	46	65	3200	8500	1200
WELD 100	72	100	3200	12500	2000
WELD 150	107	150	3200	16500	2000
WELD 200	142	200	3700	16500	2000

## BOLTED SILOS

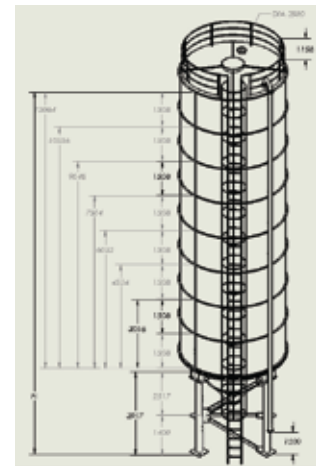
Powerol manufactures highest quality industry standard panel type Bolted Silo with a range of 3500m diameter.

These Bolted silos are made of angular segments which allows for easy onsite installation.

Our Bolt35 silos are uniquely designed for significant cost savings by lower shipping costs, having quicker assembly time and minimum maintenance.

Powerol's Bolt 35 silos are robotic manufactured thereby ensuring perfect sealing and design.

Our Bolt 35 silos series complies with all relevant regulations in force related to wind, snow, and seismic activities and it suits any type of powdery or granular material used in storage and processing plants



Illustrations and texts are non-binding and may include customized fittings. Subject to technical changes. Performance data depend on operational conditions.

Type	Storage Capacity		Height	Ferulles	Panels
	M <sup>3</sup>	T(*)			
WELD 30	35	50	7313	2	4
WELD 50	50	70	8821	3	8
WELD 65	65	90	10329	4	12
WELD 100	80	112	11837	5	16
WELD 150	95	135	13345	6	20
WELD 200	110	150	14853	7	24
	125	170	16361	8	32







## KEY FEATURES



Silos designed and engineered according to the standards in force related to wind, snow, and seismic activities



International distribution & service network



Packaging designed to minimize shipping costs



Modular system that simplifies shipping, installation, and dismantling



A large variety of application layouts, scaffolding supply, flooring, and lifting kit



Carefully selected materials and industrial manufacturing processes result in a high-quality product in the tradition of artisan expertise



A large number of items available from stock



Attractive price and delivery time



Pre-equipped for several types of venting filters, discharge valves, cone aeration systems, level and pressure monitoring devices



Certified products provided with all necessary technical documentation

## ACCESSORIES

### MOBILE STEEL SKID FOUNDATION FOR CEMENT SILOS

Powerol takes pride in announcing that it is the first manufacturer in India to introduce steel skid foundation. The innovative design of the mobile steel skid foundation ensures faster installation , reduces operational costs with easier transportation together with the silos. Mobile steel foundation is a key need in the industry since it allows installation of cement silos on flat ground without any requirement for concrete slab or columns foundation.

**01 Top and Ground Mounted Silo Dust Collector Filter**

**02 Pressure Relief Valve**

**03 Level Indicator**

**04 Aeration System with accessories**

**05 Bulker Unloaders & Cement Feeding Pumps**

**06 Screw Conveyors**

## HOW BEST TO CHOOSE SILO SIZE

Choosing the size of the required silo needs careful thinking as it can impact the completion of projects on time and also operate in an economical manner. It is very critical to choose the best and most reliable manufacturer. The following factors are to be considered when choosing the size of silo

1. Max volume of Cement, Fly ash & GGBS that need to be stored
2. Timely Availability
3. Max Volume for concreting
4. Site Restrictions with respect to Roads & Traffic Conditions
5. Weather Conditions

## APPLICATIONS

**01 Ready-mix concrete**

**02 Premixed building materials**

**03 Precast concrete industry**

**04 Paver block plants**

**05 Flyash brick plants**

**06 Cement mills**

**07 Asphalt plants**

**08 Aac block plants**

# POWEROL

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