



## SILO ELEMENTS

A silo is a cylindrical concrete container with a cone bottom. The main purpose of a silo is to store loose materials (grain, sand, cement).

A silo is a cylinder-shaped container with a cone bottom. Silos are used for storing (in non-aggressive environments) grain, combined fodder, sand, cement and other loose materials.

Usually, silos are built as towers. Such silo towers are assembled from concrete elements. Owing to its vertical structure, the silo takes up less space for a considerable volume of materials (75-300 tons) stored in it. Furthermore, the roof, base and walls of the tower are made waterproof, heat-resistant and chemical-impact safe. Thus, a silo tower allows for a high level of material protection from dampness, rain, snow and other negative environmental elements.

Depending on the type of raw materials to be stored in the silo, respective requirements to the materials used to manufacture it are set. E.g. the material for the silo towers to store fodder, grain, flour and other food industry produce must be poison-free and must not emit substances capable of poisoning the goods stored. In their turn, the silos storing cement are equipped with a specialized air-filter system to prevent the stored cement from drying and hardening.

<http://scandidom.com/shop/category/15/>