KALINA - KLENSKI LTD.

Grain silos - Grain transport systems - Feed mills

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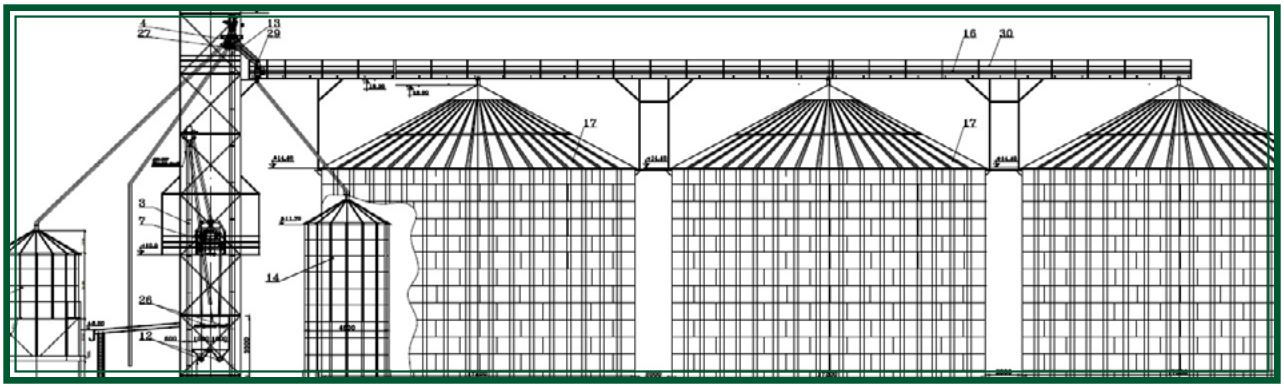
ISO 9001
BUREAU VERITAS
Certification

METAL SILOS FOR GRAIN STORAGE



Kalina-Klenski Ltd. manufactures machines and equipment for silos storages, feed mills and grain industry. The company offers four types of grain silo storages: flat bottom silos, hopper silos, silos with plastisol coating and stainless steel silos.

Flat bottom silos

Kalina-Klenski Ltd. manufactures metal silos for grains such as wheat, corn, oats, rye, sunflower and others with volume of 20 to 5000 tons each. The silos are made of double galvanized steel components and then assembled on the bolt connection on reinforced concrete foundations with steel columns. In the foundation run channels for ventilation of the grain. At the top of the roof are placed vents for removal of hot air. The temperature of the grain mass is monitored by a thermal control system, which locate any areas with a high temperature due to higher humidity.

Hopper silos

Kalina-Klenski Ltd. manufactures silos of galvanized steel with conical bottom on metal legs. The bottom of the silos is inclined 45 ° and 60 °. In this type of silo emptying is carried by gravity means, without the need of facilities for forced removal of the grain. The metal legs of this type of silos step of striped concrete foundations or concrete slabs. These silos can be also used to deposit cells in feed mills. The company produces such silos with a capacity of 10 to 322 m ^{3}.

Silos with plastisol

Kalina-Klenski Ltd. manufactures silos for storing grain on the latest technical standards. We produce galvanized silos further processed with polymer coatings, such as plastisol. Plastisol binds strongly with galvanized steel and has practically a infinite life. This durable material can be performed only on the roofs of silos or the for the full body of the silo. As a positive indicator can be observed that the polymer coating reflects sunlight and reduces heat on the roof of the silo.

Silos of stainless steel

Kalina-Klenski Ltd. manufactures silos of stainless steel, which by their nature and functionality they do not differ from those of flat bottom silos. The difference is the materials, which is stainless steel instead of galvanized, and the silo is practically eternal. Such silos are used for storage of clean grain in organic farming and consumers who want to have eternal silos, without worry of any harmful effects of the atmosphere and environment.

All silos manufactured by the company comply with the following loads:

- Earthquake - IX degree on the Richter scale;
- Wind - 60 daN / m² and 170 km / h;
- The load on the walls of the grain are oversized double, while those on the roof - from 4 to 6 times.

Kalina-Klenski Ltd. was awarded with the following certificates and awards:

- ISO EN 9001:2008
- Golden medal at the 2004 Spring International Fair Plovdiv, Bulgaria
- Golden statuette for technology and quality, 2004 Geneva, Switzerland