



Anzali Port



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Grain silos technical specifications

Galvanized grain silo manufactured by Posco Co. Italy, with total volume of **50000 tons**.

10000 square meters enclosed area.

Equipped with **3 elevators** for loading and unloading simultaneously.

Automatic capacitive bank with Rittal body.

Control pane capable of being started up **manually or automatically**, equipped with PLC, Siemens 1200.

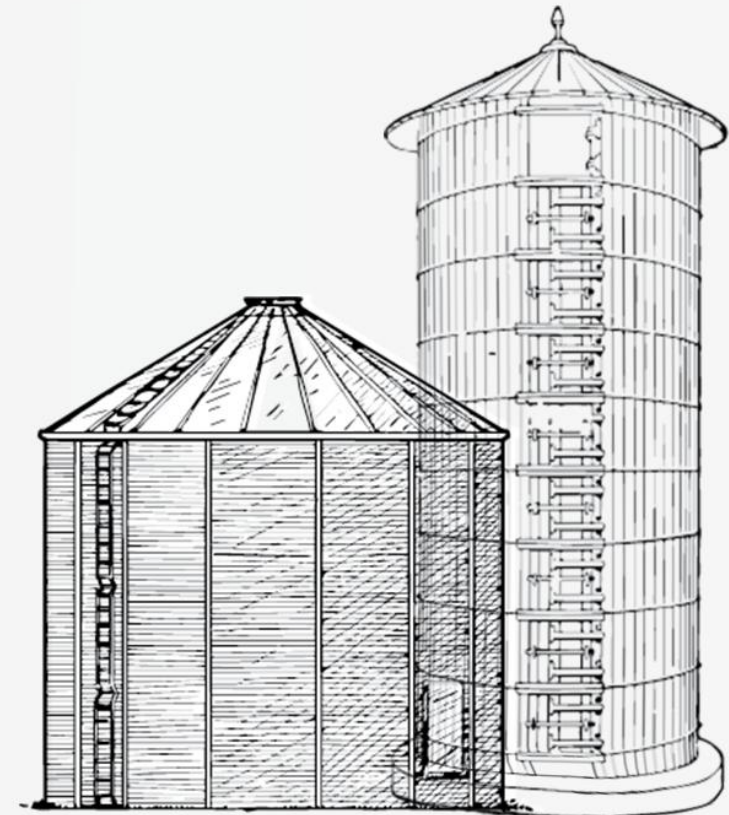
Furnished with **temperature** measuring equipment and **laser surface** with the reporting.

Equipped with **two digital 60 tons** weighbridges with German Load Cell Pfitser Waagen.

Equipped with **dust collector, bottom ventilation** and **sweep auger** systems.

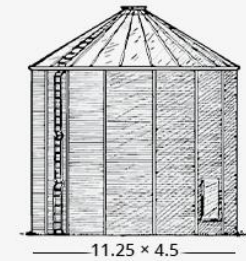
Having **offices and control buildings** in a **400 square meters** area, with cooling and heating equipment.

Equipped with **4 inches firefighting pipes** with **5 hydrant outlets** in the area.

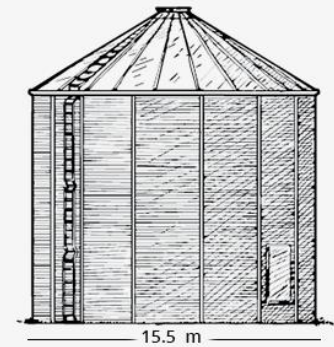


Silos

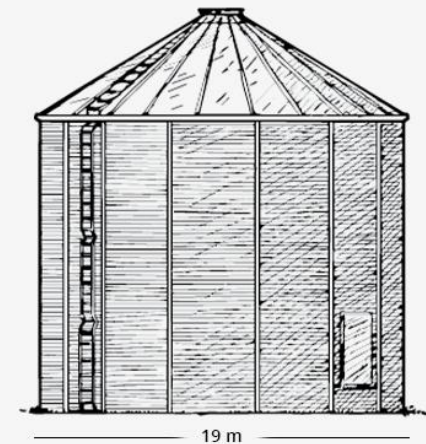
2 export hives (silos) × 90 tons



4 hives (silos) × 3000 tons



9 hives (silos) × 4000 tons



Four 15.5 20.5 meters hives (silos) with the volume of 3000.

Nine 19 20.5 meters hives (silos) with the volume of 4000 tons for each.

Two 4.5 11.25 meters export hives (silos) with the volume of 90 tons each.

With the development capability of 6000 tons.

Equipped with **two geared electric pumps**, 45 kw.

The capability of **loading and discharging from the tank to the ship** and vice versa.

Equipped with **three loading areas** and a 60 tons digital weighbridge with German Load Cell Pfister.

Having **firefighting pipes** and an 18kw **electro pump** in order to feed 5 hydrants in the area and also the **sprinkler**.

Having **fully-equipped side buildings** in a 200 square meters area.

Edible oil tanks



Four tanks with the total volume of 7500 tons.

4800 square meters enclosed area.

Two steel tanks with the volume of 2250 tons for each.

Two steel tanks with the volume of 1500 tons for each.

Having a **precipitation tank** with the volume of 70 tons.

Having a **firefighting tank** with the volume of 50 cubic meters.

Having an **overflow tank** with the volume of 50 cubic meters.



Oil transmission line

Equipped with two polyethylene pipeline routes, 8 inches in diameter, in a covered concrete canal with the length of 1100 and 1400 meters in two different docks.

Pipeline equipped with 4 halves alongside for controlling the oil current.

Having dynamic high pressure wind compressor for discharging the remained oil in the line.

Equipped with Rittal panel for controlling the oil engines from the panel and loading area.



Grain ship unloader M200 Multiport

Dynamic Pneumatic grain unloader with the capacity of 320 tons per hour, manufactured by Neuro, Germany, equipped with a 500kw generator with Deutz engine.

Having spare equipment for on-site maintenance.

Having two outlets for grain discharging.

Possibility to work from the cabin and remotely as an operator.



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