



## Storage tanks (silos)

**Vertical and horizontal  
arrangement**

Silo

*Relationship  
of Trust*



swiss<sup>®</sup> APPROVAL  
Objectively True



intertek  
Total Quality Assured



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Inox Machinery Manufacturers For Food & Milk Industries

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### Vertical and horizontal storage tanks (Silo)

Silos are essential equipment for dairy plants and food industries, as they ensure the safe, hygienic and controlled storage of milk before processing or transportation. They are designed to maintain the quality of the product, protecting it from external factors and microbial spoilage.

INOX STEEL TECHNICAL manufactures silos in horizontal and vertical configurations, covering different capacity and installation needs. They are made of stainless steel, suitable for food, which ensures durability, ease of cleaning and a long service life.

### Individual characteristics of Silo



1. Vertical or horizontal arrangement of stirring (depending on the volume of the tank)
2. Automatic C.I.P filling using spray ball for effective washing.
3. Elliptical - sterile manhole for ground access and/or round on the roof.
4. Product output in DN or SMS
5. Control panel



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6. Vertical silos are equipped with a ladder and safety railings in the upper section, offering safe and easy access for inspection and maintenance, in accordance with applicable health and safety regulations.



### Individual equipment - components of Silo



Latest technology  
laser welded  
bottoms



Temperature and  
milk level sensors



Weighing system  
with load cells on  
the silo legs  
(optional  
equipment).



Stainless steel  
and removable  
hygienic type  
aerator.



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### Construction materials and welding specifications

The silos are made of stainless steel, cold rolled, with certificates of mechanical and chemical analysis of the steel mill. At the same time, the welds are made using the TIG method in a protected atmosphere of inert gas ARGON, which is fed into the weld for high purity. Finally, the material of construction of the tanks can be AISI 304 or 316 depending on the storage product and the environment in which the Silo is installed.

### Silo's photos



Silo in horizontal arrangement

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Inox Machinery manufacturers  
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ISO 9001:2025



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Silo in vertical arrangement

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### GOOD'S OPERATION GUARANTEE OF I.S.T. SILO

#### After sales Services:

Our company has **full spare parts coverage for the equipment** offered, as well as a wide range of stock spare parts for the machines it manufactures, for immediate delivery. For imported machines, the delivery time of spare parts depends on the time specified by the manufacturer.

#### Warranty of good operation / benefits:



Our company provides a guarantee of good operation for all storage tanks it supplies, from the date of their invoicing.



The warranty is **NOT valid** when the damage/malfunction is due to misuse, natural disasters, inadequate maintenance-control-monitoring of the machines by the customer's personnel or the customer's own fault.



**NO warranty** is provided for electrical parts of motors or coils/lamps, consumables (e.g. control panel, lubricants, etc.), as well as for sealing gaskets.



**Provision of specialized personnel to your facilities**, when deemed necessary, within a reasonable time frame.