



**THERMO-CONDITIONED
TANKS FOR MILK**

AZZINI

■ GENERAL FEATURES.

These Azzini tanks are manufactured using cold-rolled AISI 304/316 stainless steel, joints being sealed by automatic TIG welding.

Heat insulation of the shell, lid and conical base is effected by means of fibre glass panels treated with thermosetting resins. The outer insulated coating is of AISI 304 stainless steel. Since the latter is welded in all its parts, the tank is totally sealed. The special casing technique allows for expansion caused by local temperatures and combines aesthetics with mechanical performance. The tank's surface is easily washable and highly shock-resistant.

■ UTILISATION AREAS.

These tanks are used for the storage of milk, a sector where it is essential to combine quality and functionality with a high level of aesthetic appearance. Top quality finishing permits simple and safe sterilisation of the tank, a matter of vital importance for milk storage. The stirrer - liner - tank combination (in their various types) creates excellent conditions for milk preservation and processing.

■ FINISHING.

2B-grade inner and outer surface finishing is guaranteed by using protective adhesive plastic film before starting any kind of working operation.

The longitudinal welds are laminated in order to remove possible deformations caused by the high temperatures reached during the fusion of the edges and are externally brushed, pickled and passivated. Circular welds undergo (exclusively) pickling and passivation treatment with natural welds.

Finishing on request:

- satin finish of the legs;
- satin finish of inner/outer welds;
- polishing of inner welds;
- inner/outer satin finish;
- internal polishing.



■ Horizontal storage tank.



■ Thermo-conditioned tanks.



■ Thermo-conditioned tank.



■ Insulated milk tank.

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This publication is intended as a general guide to Azzini products and services. More detailed information may be obtained - without obligation - from the Azzini research and project centre tel. 0374-343952 - Telefax 0374-343505.