



**Product Name :**  
Food Outdoor Milk Storage Tank

**Product Code :**  
EQUIP-MC20076-0011

**Description :**

Food Outdoor Milk Storage Tank

**Technical Specification :**

Milk warehouse is used for outdoor storage of milk at low temperature stainless steel container. It is used to keep the low temperature (5 °C) fresh milk entering the warehouse for 24 hours without increasing the temperature rise. It is used for the insulation layer (or cooling jacket) between the inner wall and the outer shell and the high-speed push blender in the tank. More than 2 °C, the fat does not float, widely used in outdoor dairy milk storage plant.

**Structural features**

The shape of the device is a cylinder, the contact part of the chamber body and the material are made of SUS304-2B plate, the outer plate can adopt SUS304-2B plate weld passivation treatment or paint corrugated board according to user requirements. Warehouse side with a ladder, the top of the stainless steel fence (and take the stage), breathing valve, rotating nozzle. The lower part of the warehouse is equipped with an indoor working chamber with an oval manhole, high-speed propelled stirring, inlet and outlet, thermometer, pressure transmission, sampling valve and washer. Filling the body between the outer wall of the insulation material (according to customer requirements filled with rock wool or polyurethane foam).

1. Tank body materials: completely made of SUS304-2B stainless steel, internal bladder thickness=3mm, external shell thickness=2mm
2. Tank body form: vertical cylinder, taper top, with taper of 15°; inclined bottom with taper of 5°. A base is set at the bottom.
3. Heat preservation material: polyurethane foaming heat preservation with thickness of 100mm for heat preservation of top, bottom and tank body.
4. Tank body size: depending on volume, 1/3 jacket layer at the lower part.
5. Tank body accessories:
  - One side manhole at the tank bottom
  - One safe ventilating cover at the top with water pipe for connecting with water disc
  - One double-T type CIP spray head at the top
  - One thermometer, with temperature display range of 0-100°C

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One aseptic sampling valve  
One horizontal blender (4kw, 960r/min, ABB motor)  
Two inlets and outlets of ?63.5mm  
One high, medium and low liquid level alarm  
One pressure sensor (E+H)  
One medium inlet of?38mm and one medium outlet of ?38mm  
One base  
One tank connecting with indoor milk warehouse  
One stainless steel ladder with guard rail at the tank top  
Volume varies from 15000L to 150000L  
Products of special specifications, dimensions and requirements can be customized according to customer requirements.  
Form of blender, rotation speed and motor can be customized according to customer requirements.



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