



E-CATALOGUE

**MILK RECEPTION and
STORAGE TANKS**

GENERAL SPECIFICATIONS

Milk Reception unit is one of must-have units for all dairies. It is the unit in which milk received, cleaned, weighed, cooled and hold in stock in a healthy way. Different applications can be done depending on facility's capacity or requirement. For instance, milk is measured using weighbridge at reception in some facilities as well as using flow meter in some others. Tank Exchange and cleaner separators' capacity should be detected considering the entire capacity of the facility.

FILTER / LINE FILTER



It is the equipment to initial device to receive milk to facility at first. Inside and outside of it is made of stainless steel. Filter's micron value of device can be chosen. It is easy to remove and clean it. What Türköz company recommends is to have double filter system. Advantage of double filters is if one of them is jammed the other one will go on to work.

It is an equipment most likely used in small capacity facilities' milk reception units. A sieve is placed on it. Milk comes randomly is poured on this sieve and filtered. And milk collected in tank is transferred to another equipment by means of pump. This can be used as a weighing tool when measurement device is mounted on legs.



MILK RECEPTION TANK

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WEIGHING GROUP



It is an equipment designed to make process faster in little budget facilities. Equipment consists of two components:

Weighing Group and Evacuation Reservoir.

Equipments having two phases, speed up milk reception process.

Material is completely AISI 304 SS. It is closed system. As pneumatic valve outlet is DN100 type, product can be transferred to evacuation reservoir very fast.

Unit can be connected to CIP system to be cleaned.

Main purpose of milk reception unit is to terminate air infiltration, to measure quantity, to store and refrigeration of raw milk which will be initially received in facility. In this way unit eliminates bacterial dissociation which happens because of temperature differences between storage process and tank evacuation. It is designed to filter solid matter in raw milk and to terminate air bubbles and so that to provide a homogenized milk reception in facility. milk reception units are manufactured in varied capacities. System collects data in its memory, prepares a report and gives output. Reception speed can be adjusted in milk reception unit. If milk quantity to be received is low then unit can be worked under low capacity.



MILK RECEPTION AND MEASUREMENT UNIT

MILK STORAGE TANK / STROKE TANK 1 Ton - 150 Ton



It is vital to keep cooled milk in a fixed temperature. Machinery cooling and storage tanks have very sensitive insulation and precise design. To keep milk homogenized in storage tank is as important as fixing temperature of milk. Our tanks' strong design also provides you well agitated and homogenized milk. If a tank is not cleaned well after using, stored product can easily be spoiled. At this point offer CIP systems which provide sensitive cleaning. All parts of tank without leaving a blindpoint is cleaned perfectly with carefully chosen equipments.

We do not need to mention durability of our tanks as "durability" is prior aim. tanks are manufactured in 1000 - 150.000 liters capacity range.

