

Pasteurizer - Dairy Products Processor

Keep process integrated



MILK
PROCESSING


Milkplan[®]
FARMING TECHNOLOGIES

MP Pasteuriser

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MP Pasteurizer of Milkplan is a reliable and extremely functional solution for milk pasteurizing and coagulation in the same tank thus saving equipment, space and user's time. The thermal milk process and coagulation are done with fully controlled heating, cooling and agitation processes via configurable software.



Technical specifications

- Food safety stainless steel AISI 304 tank.
- Excellent insulation of the tank with double wall and two component environmentally friendly polyurethane foam.
- Evaporator manufactured with laser technology, designed for faster water flow that provides optimal efficiency and combines energy saving and high durability.
- Practical and easy control via color touch screen 4.3".
- Powerful agitator motor covered in a stainless steel protective box.
- Stainless steel panel with PLC for automatic control and inverter for accurate regulation and programming of the agitation speed and temperature.
- Removable and rotating arm made of $\Phi 60$ mm tube where the agitator motor is placed, that rotates inside the sites of polymeric low friction material that locks in a specific position during operation.
- Stainless steel removable agitation paddles with shaft for milk pasteurization.
- Stainless steel removable cutters of high durability and elasticity for cutting of coagulated mixture.



Operating features

- High-torque agitation paddle with adjustable speed.
- Planetary agitation for better cutting of curd.
- Automatic cutting of curd with cutters of specific geometry.
- Inclination 8% with air pistons or manually for curd draining.

For hot water supply to the pasteurizer circuit external energy sources such as electric heaters, gas or oil boilers, pellet etc. are recommended. For cold water supply to the pasteurizer circuit ice-banks can be used.

MP Pasteurizer is available in capacities from 300 to 1000lt.





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