



**1. Boiler:** The purpose of the boiler is to heat the water that will circulate around the processing tank, transferring heat to the mixture, and will return to the boiler.

**2. Processing Tank:** The tank where all the ingredients will be added and stirred until they are completely dissolved and heated in the first step of the pasteurization process.

**3. Transfer Tank:** The tank where the mixture, already heated and dissolved, will be stored during the transfer step by the heat exchanger.

**4. Transfer Pumps:** Sanitary pumps, which purpose is to stir the mixture during the process.

**5. Heat Exchanger:** A system in which the temperature of the mixture is reduced to 4°C, thus completing the pasteurization process.

**6. Water Cooling Unit:** A system designed to provide cooled water for the second step of the heat exchanger.

- **Volumetric Doser:** The operator informs the quantity of water of the recipe, and the system stops filling when the specified dosage is reached, ensuring the standardization of the recipe.

- **Cooling Tower (Optional):** A system designed to cool the water coming from the first step of the heat exchanger.

- **Homogenizer (Optional):** Equipment designed to homogenize the mixture to the smallest particle size, providing improved quality and overrun to the final mixture.

- **Temperature Recorder (Optional):**  
Device designed to record the pasteurization process of batches produced.

*\*Technical Information may change without previous advice.*

*\*\*The announced production depends on climatic conditions and installation of the places where the machine is located.*

|                            |                              |
|----------------------------|------------------------------|
| Model                      | PPL 300/600/1200             |
| Electrical Installation    | 220V/380V, Threephase, 60 Hz |
| Consumption of electricity | 12,7 kW                      |
| Production Capacity        | 300/600/1200 liters/hour     |
| Condensation               | Water                        |