

Innovative Pasteurization Plant

The novel, award-winning pasteurization plant is designed for being easily integrated into a treatment plant. It is delivered readily mounted by truck. Only the substrate in- and outputs have to be connected to the existing plant, the heating and power connections have to be established – and the plant is ready for being set into operation.

The process: Continual pasteurization respectively disinfection (control of epidemics) primarily of food waste and other material of similar structure for treatment in biogas plants or sewage sludge treatment plants.



- Optimizing the process design
- Efficient disinfection
- Continual energy consumption resulting in a uniform load of the CHP
- Robust operation with low servicing requirements (no agitators installed)
- Reasonable costs of installation and operation
- Little space and area requirements
- Compliance with the related standards and laws is documented

Process protected by patents

Guaranteed and documented retention time according to EU directive n° 142/2011 of: 1 hour at a temperature above 70 °C for disinfection / pasteurization

Technical data:

Thermal energy consumption	max.	220 kW
Electric power consumption		4 kW
Production capacity		40.000 t/year

The continual energy consumption results in easy scheduling the thermal energy
More than 50% cost savings can be achieved compared to conventional systems.