

CYCLOBATCH

THE FEATURES OF A BATCH SYSTEM
WITH THE BENEFITS OF AN INNOVATIVE TECHNOLOGY

COMPARED TO A BATCH SYSTEM, THE CYCLOBATCH IS:

MORE ENERGY EFFICIENT

LESS NOISE

COMPACT FOOTPRINT

BSL-1 BSL-2 BSL-3



BENEFITS OF THE CYCLOBATCH



TANGENTIAL INJECTION SYSTEM

The tangential injection produces spiral motion of the effluent inside the Cyclobatch. This solution is particularly effective for small solids decontamination.

HIGH ENERGY EFFICIENCY AND SUSTAINABILITY

Heating time is reduced by 17% and energy consumption is reduced by 23%. Given that the treated product is not cooled within the tank, this latter remains always hot.

The Cyclobatch is always hot, and the effluent is cooled outside the batch, therefore it's not subjected to thermal stress.

DESIGNED TO BE EFFICIENT AND COST EFFECTIVE

SPECIFIC DESIGN (PATENTED)

- No vent filters on the batch
- Natural and controlled pressurization of the effluents to avoid boiling
- Drained by the pressure generated during the heating cycle

BENEFITS

- **COST OPTIMIZATION**
Lower capital investment
Optimal energy efficiencies
Less maintenance
- **RELIABILITY**
No vent clogging
No gaseous discharge
No pumps protects against possible leakage

EXAMPLE OF A CYCLOBATCH CONFIGURATION

EXAMPLE OF DOUBLE BATCH WITH STORAGE

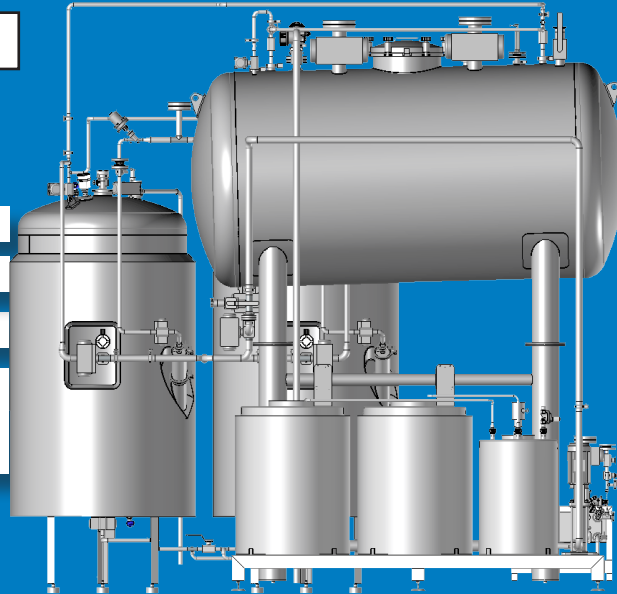
Including:

Double batch skid

Storage tank

CIP system

BSL-1, BSL-2, BSL-3
Different configurations available



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