

HPMs

OVERVIEW

HPMs is the most effective and economical mixing system, which uses a chopper pump and nozzles to improve the efficiency of existing digesters.

FEAUTRES

1. Maximize mixing efficiency
 - Analyze with 4 factors: velocity, vector, streamline and surface
 - Mixing efficiency is maximized by the quantity and location of nozzles
2. Higher digestion rate
 - Digestion efficiency is maximized through stable and simple operation
 - No blockings due to crushed solids and higher digestion rate and increased surface area of the crushed solids.
 - 60 ~ 80 % reduction of VSS
3. Increase gas generation
 - Gas separation is easy due to the powerful mixing force of jets
 - 20 ~ 40% higher bio-gas generation compared to conventional mixing methods
4. Reduce maintenance costs
 - 50 ~ 70% reduction in operation costs due to intermittent operation

PROCESS

