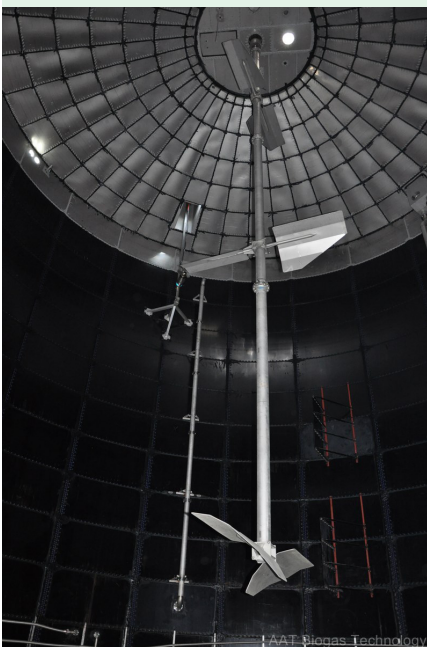


It's not waste. It's energy.

Vertical agitator for sludge digester

Highly efficient digester mixing



AAT vertical digester agitator for new buildings and/or redevelopment.

The digester agitator is used to mix sludge and to admix fresh sludge.

The aim is to obtain a homogeneous substrate mixture permitting a stable fermenting process.

The agitator produces an axial flow from top to bottom which ensures a quick and ideal mixture of floating matter as well as an admixture of the sludge at the bottom.

The design of the agitator is adapted to the substrate, quality and digester tank shape and dimensions.

All maintenance-relevant components are located outside so that the digester tank must not be emptied.

Parts in media contact are made of stainless steel, and the shaft leadthrough has been provided with a maintenance-free labyrinth seal.

An ingenious shaft seal permits also easy exchange of the bearing or of the seal without removal of the agitator shaft.

Advantages:

- ✓ Optimised digester tank mixing with a minimum of energy, also for higher viscosities.
- ✓ Drive: 1.5 W / m (shaft length) at 6% DS
- ✓ Flow-optimised agitator blade
- ✓ Ideal process conditions by pre-defined mixing
- ✓ Safe function - undisturbed operation
- ✓ Robust and low-maintenance system