



**NEW!**  
The Power Saver

## MT-Mixator

Pre-mixing system for heightened efficiency

The new MT-Mixator optimises the well-proven screw-based MT solids feeding system. This new system ensures regular and efficient biogas plant operation.

Recirculated material is flushed directly from the digester through a pipe into the stuffing screw of the solids feeding system. At the same time, non-pumpable substrates such as silage and solid manure are fed into the stuffing screw, which then acts as a mixing screw.

Solids and recirculated material are then already mixed when fed into the digester.

### The advantages:

- Reduction of floating layers and heavy deposits
- Lower mixing requirements in the digester mean less energy consumption
- Less wear due to shorter stirring times
- Positive biological effects on substrate decomposition
- Regular gas production and homogenous gas composition
- Recirculation from the secondary digester into the digester can be reduced
- Lower sensitivity to extraneous material in comparison to other liquid feeding systems
- Easily retrofitted to an existing MT-screw feeding system



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