

DIGIMIX[®]

●●●● TOP-ENTRY AGITATOR WITH LIQUID SEAL

- To homogenize and to keep it in suspension
- Strongly built and reliable
- Guarantees optimum efficiency
- Easy installation and maintenance

Suitable for digestion tank from 1000m³ to 15000m³

AGRICULTURE
LIVESTOCK WASTE
KITCHEN WASTE

► Specific operating conditions

- Suitable for various explosion-proof environments, operating 24h, solid content <12%, pressure <50mbarg, temperature <100°C

► Strongly built and reliable components

- ATEX motorization up to 75 kW

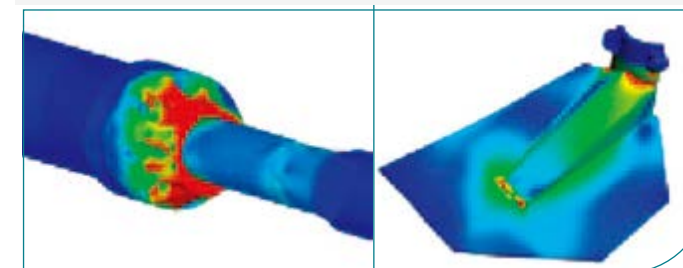
- Special bearings in the frame can stabilize the extremely long agitator shaft (up to over 28m)

► Efficient propellers

- The geometry of MIXEL TTFD propellers increases the energetic efficiency of DIGIMIX

► Easy to use

- Easy to set up on the tank thanks to the specially designed propellers blades
- The design of the liquid sealing system guarantees the reliability of the equipment in hazardous environments
- Precision electrical components provide accurate data to guarantee the reliability of equipment use



Calculation of mechanical strength

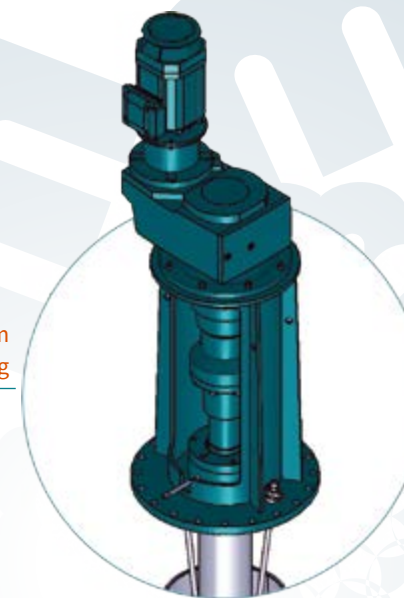


Biogas digester



digestion tank (with several agitators) -- Algeria Baraki

Sealing system and flange fixing



CFD flow field simulation

