



## Optimisation of your agitator technology for more efficiency and system stability

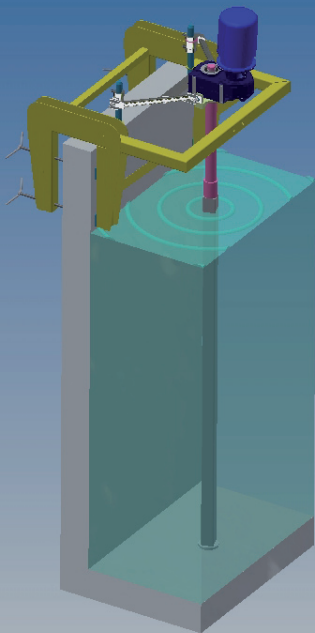
Agitator technology that is not optimally configured and outdated represents a significant potential for improving your plant. With our unique breadth of product range (submersible agitators, rod agitators, vertical agitators and special designs) and more than 25 years of agitator experience, streisal is able to satisfy the particular requirement optimally.

### Retrofitting of submersible agitator installation fittings in filled tank

As a rule, operators of biogas plants try to upgrade the agitator technology in connection with a complete refurbishment of the affected tank (repair of damage to the concrete, recoating, installation of a new heating system, etc.). The tank is completely drained and all necessary work can be planned in advance and carried out accordingly.

In certain situations, however, it must also be possible to refurbish agitators in a full tank.

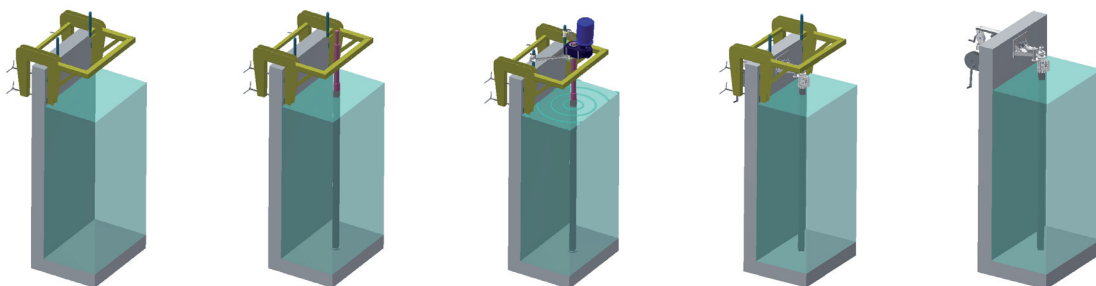
- Urgent action required due to defective agitators or installation fittings
- Insufficient homogenisation of the tank contents or insufficient agitator functionality
- Additional agitation power required
- Insufficient storage capacity, i.e. no tank drainage possible
- Obsolete, fast-running submersible or rod agitators with low circulation capacity and high electricity consumption
- Installation fitting not sufficiently large enough for powerful submersible agitators



## Optimisation concept

- Replacement of existing agitators** –
- Exchange of agitator** –
- Installation of additional agitators** Retrofitting of the installation accessories for a highly efficient submersible agitator with filled tank

The innovative streisal repowering technique makes it possible:  
 Assembly of installation fittings for submersible agitators without emptying the tank!  
 The new guide rail is pinned into the tank foundation and anchored with a base plate by means of a patented system.  
 All work is carried out reliably and safely from a control bridge above the substrate level.



## Results

- Minimum downtime**
  - No time-consuming drainage, retrofitting within a few hours, rapid restart of the system
- Higher process stability**
  - Low disturbance of the biology (substrate remains in the tank)
- Better agitating functionality**
  - Significantly higher circulation rate
- Lower operating costs** (electricity saving)
  - Lower electricity consumption by installing highly efficient submersible agitators

