



It's not waste. It's energy.

Vertical agitator “Homer”

Highest efficiency ensured by flow-optimised mixture.



The AAT vertical agitator type VR 15 “Homer” is used for perfect mixing of the substrate in the digester.

The AAT agitator consists of two flow-optimised impellers positioned in the bottom and ceiling area.

On the one hand this produces an optimised flow from top to bottom, and on the other hand a circular movement is created.

The freshly fed substrate is mixed in the tank immediately and creates perfect fermentation conditions and drastically increases the output.

High-quality materials and robust components make the vertical agitator of AAT into long-life and reliable product.

By means of the frequency converter operation, the agitator is substrate-optimised and the energy consumption is reduced to a minimum.

The inside of the tank contains no wearing parts, and thus the tank must not be opened for maintenance.

Advantages:

- ✓ Drive: 15.0 kW
- ✓ Revolutions: max. 12 rpm controlled by frequency converter
- ✓ Shaft: 220 x 8 mm
- ✓ Two flow-oriented impeller
- ✓ Bearing block with spherical roller bearing with automatic permanent lubrication and positive-contact clutch
- ✓ Planetary gear in reinforced execution
- ✓ Explosion-proof, pressure-tight encapsulated electric motor suitable for frequency converter operation
- ✓ Floor storage with maintenance-free special ceramics bearing
- ✓ Shaft leadthrough by means of labyrinth seal (water feed)
- ✓ ATEX certified
- ✓ EC declaration of conformity