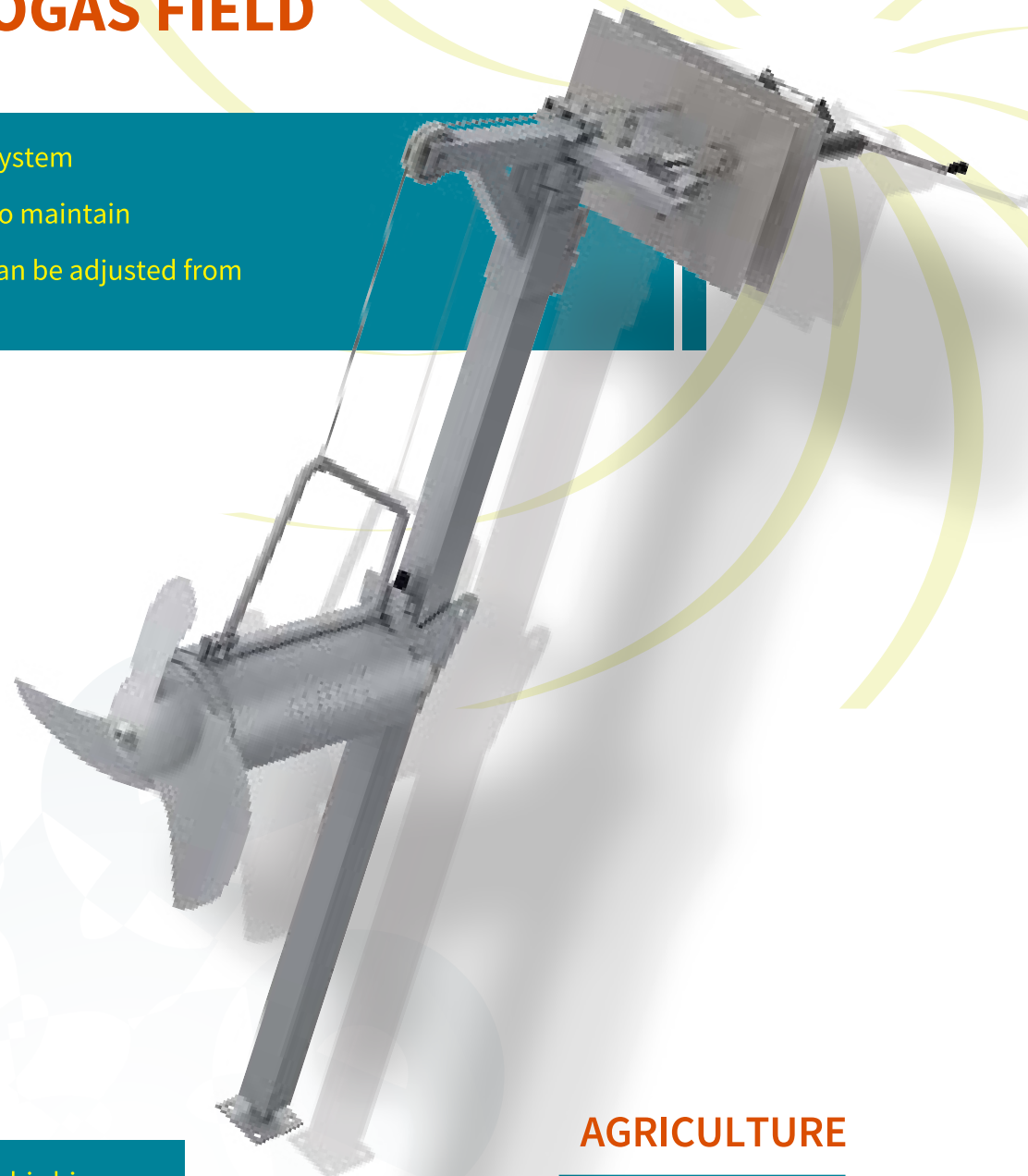


SCUBAMIX[®] Type BG

●●● SUBMERSIBLE MIXER FOR BIOGAS FIELD

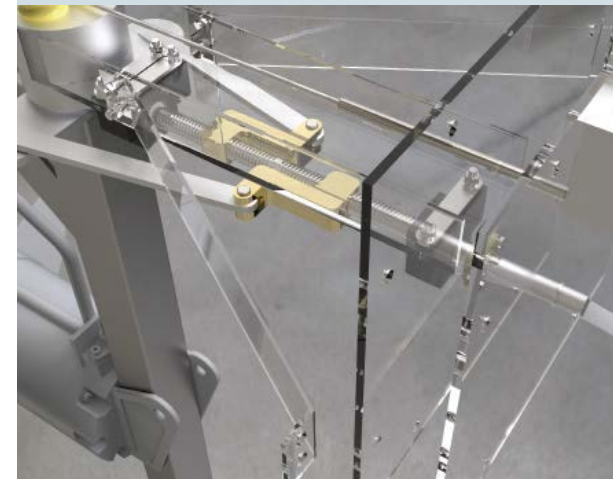
- Sealed mounting system
- Durable and easy to maintain
- Agitator position can be adjusted from outside the tank



AGRICULTURE
HUSBANDRY

Applications: anaerobic biogas

SCUBAMIX BG series has the advantages of ordinary submersible mixers, and the angle and height can be adjusted outside the tank to meet the unique requirement in the field of anaerobic biogas.



► Angle adjustment

A bidirectional trapezoidal screw is adopted, offering smooth and effortless rotation as well as excellent self-locking capability. The equipment can rotate through a 120° range to eliminate dead zones, ensuring thorough mixing of the material while preventing sedimentation and crusting.



► Height adjustment

Height adjustment is achieved by means of three sets of pulleys and a manual winch. All pulleys inside the tank are fitted with limit stops to prevent the wire rope from slipping off and causing damage to the equipment during operation or when adjusting the mixer angle.

Oil seals are provided between the angle and height adjustment devices and the tank wall, without affecting the sealing performance of the tank.

Installation arrangement

Depending on the size of the anaerobic digestion tank, 4 to 8 submersible mixers can be evenly arranged to achieve effective mixing. Adjusting the angle and height as needed enables the mixer to adapt to different raw materials and concentration levels, ensuring thorough mixing.

