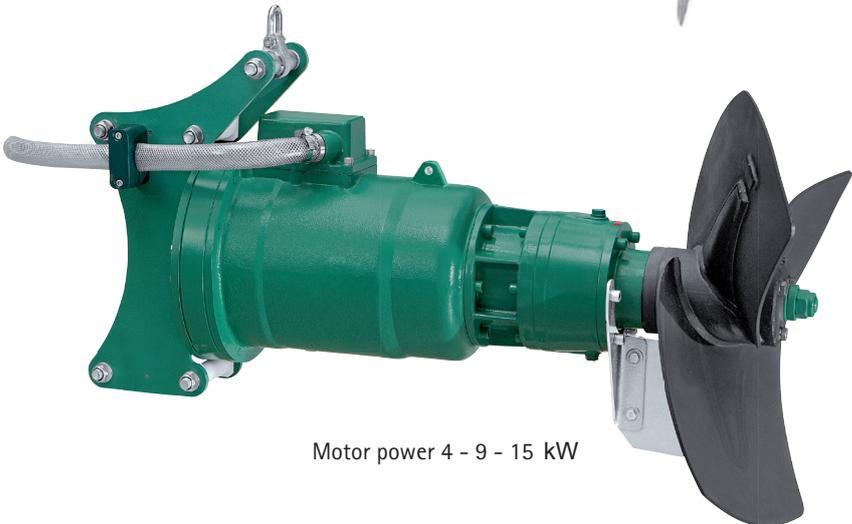
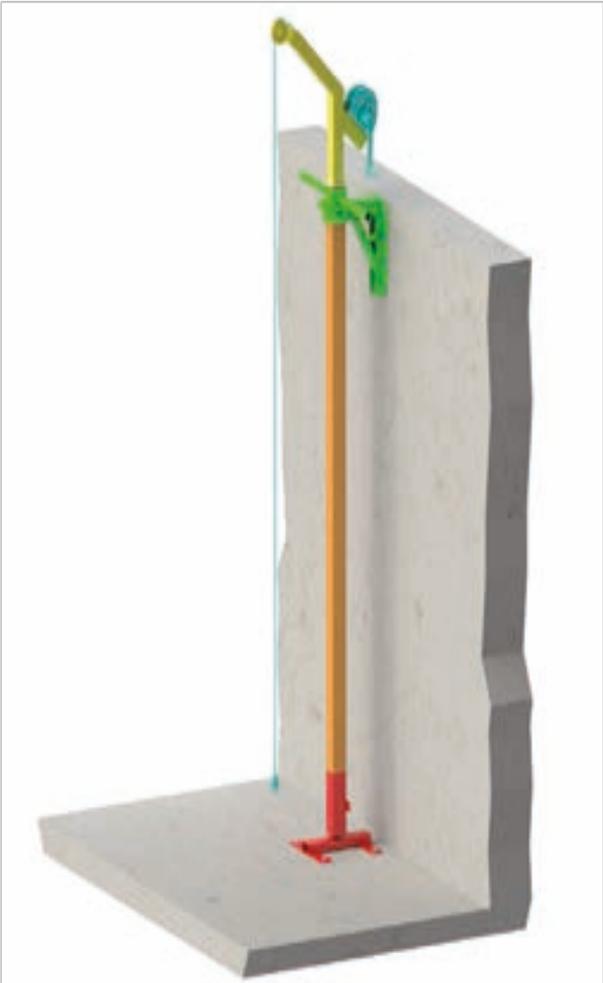




AQUALIMPIA PROJECT
EL SALVADOR



Motor power 4 - 9 - 15 kW



MIXER FOR LIQUID MANURE PITS AND CESSPOOLS

STANDARD MODEL

Submersible motor-driven agitator impermeable to pressurised water (IP 68 - 15 mm) with thermistors (PTC thermistors) incorporated in winding. Agitator propeller end sealed with mechanical SiC seal and shaft end in VA. Modular design means that drive tube is flanged to gear unit and motor with additional seals. Approx. 7 m of special cable (7 x 4 + 4 x 1mm²), control box with manual star-delta switch and thermistor tripping unit for motor protection. The submersible motor is without mount.

CONVINCING MODULAR SYSTEM

Submersible motor of modular design, with separate oil baths for motor, gear unit and drive tube. Optimum winding and rotor cooling by oil bath in motor compartment, evenly dissipating heat to the housing. Reliable sealing - by special radial sealing rings in the inside and by a bi-directional SiC/SiC mechanical seal on the medium side - prevent oil baths from intermixing. Smoothness of operation and agitating performance are optimised by the bearing concept incorporating two pre-tensioned taper roller bearings that transfer thrust from the agitator propeller to the sturdy, nodular graphite cast iron (GGG40) casing.

Extensive range of motors and systems available, e.g.:

- mobile for closed pits,
- stationary for ring and slalom channels,
- adjustable for open pits,
- custom-built models.

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SUSPENSION FOR OPEN PITS



WITH SUSPENSION FOR OPEN CONCRETE TANKS



OPEN REPRESENTATION