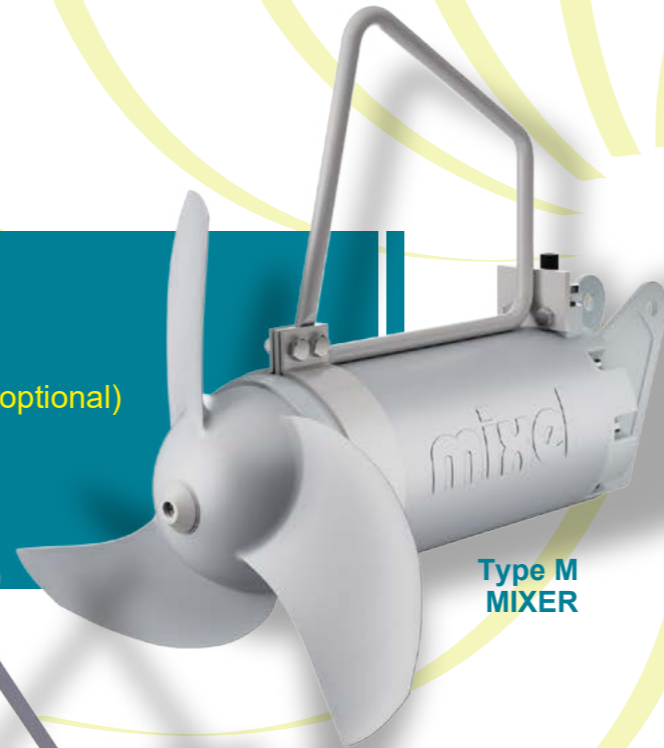# SCUBAMIX®

HIGH-SPEED SUBMERSIBLE MIXER
LOW-SPEED SUBMERSIBLE FLOW BOOSTER

- Compact
- Patented seal design
- Reliable and permanent magnet motor (MIXER optional)
- Easy installation and maintenance
- Design service life of 20 years
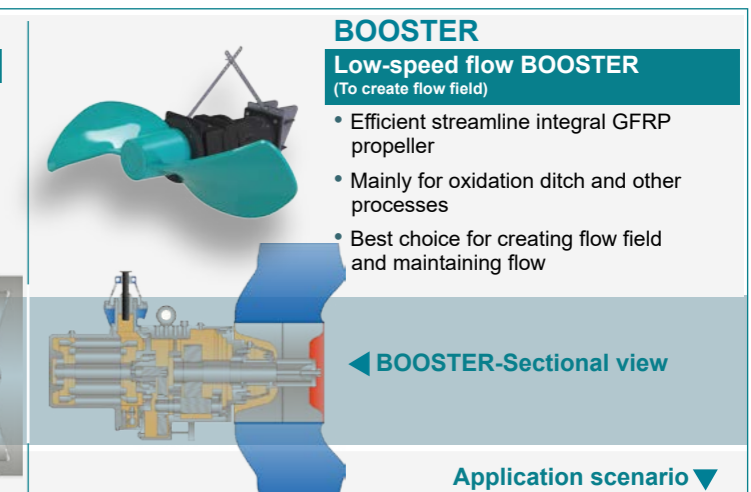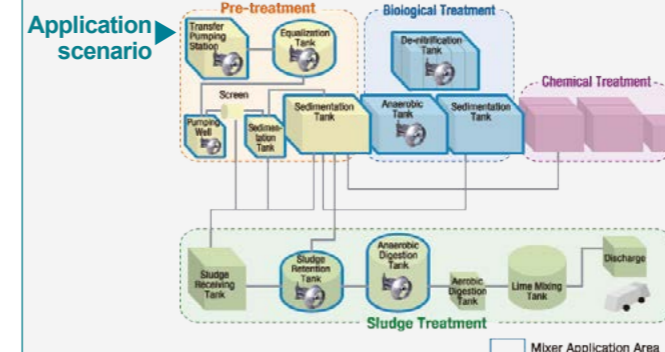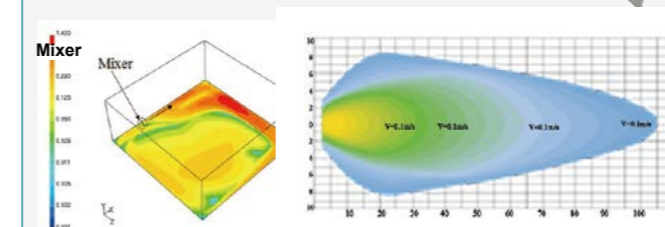
Type M MIXER

Type FB BOOSTER

Suitable for all kinds of operating conditions
Maximum diving depth of 20m

SEWAGE

WASTE WATER

AGRICULTURE

HUSBANDRY

▶ Construction

- **Motor**(MIXER)
  0.75kW-22kW
- **Motor Gear reducer** (BOOSTER)
  1.5kW-7.5kW

- **Seal**
  Double mechanical seal(MIXER)
  Mechanical seal(BOOSTER)

- **Propeller**
  Streamline propeller with high energy conservation
  Effectively avoid filament entanglement

- **Control sensors**
  For sealing and temperature

- **Installation**
  Stainless guide rail and lifting crane

▶ Operating conditions

- **Mixing density**
  Up to 1150kg/m³

- **Installation**
  Maximum diving depth of 20m

- **MIXER:** 4 installation methods
- **BOOSTER:** 2 installation methods
  Depends on the tank

- **Adjustable push angle** (MIXER)

▶ Application

- **Mixing and agitation**
  Sewage and industrial effluents treatment plants

- **Homogenization**
  Homogenization of highly concentrated sludge and slurry

- **Various water treatment**
  Tertiary treatment /equalization / sludge buffer pool / biological treatment /anaerobic/ anoxic /aerobic, etc.

MIXER
High-speed MIXER (To mix and agitate)

- Overall all stainless steel or alloy steel or hardened steel
- Mainly used in processes such as homogenization/anti-sludge precipitation/dosing/equalization
- Best choice for mixing, dissolving and suspending

MIXER-Sectional view ▶

Flow field simulation ▼

Application scenario ▶

BOOSTER
Low-speed flow BOOSTER (To create flow field)

- Efficient streamline integral GFRP propeller
- Mainly for oxidation ditch and other processes
- Best choice for creating flow field and maintaining flow

◀ BOOSTER-Sectional view

Application scenario ▼