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

SEWAGE

WASTE WATER

AGRICULTURE

HUSBANDRY

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

▶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

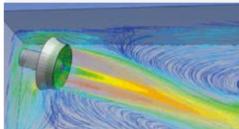
Effectively avoid filament entanglement

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.



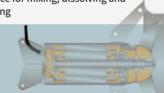


MIXER

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





Low-speed flow BOOSTER (To create flow field)

BOOSTER

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

■ BOOSTER-Sectional view

