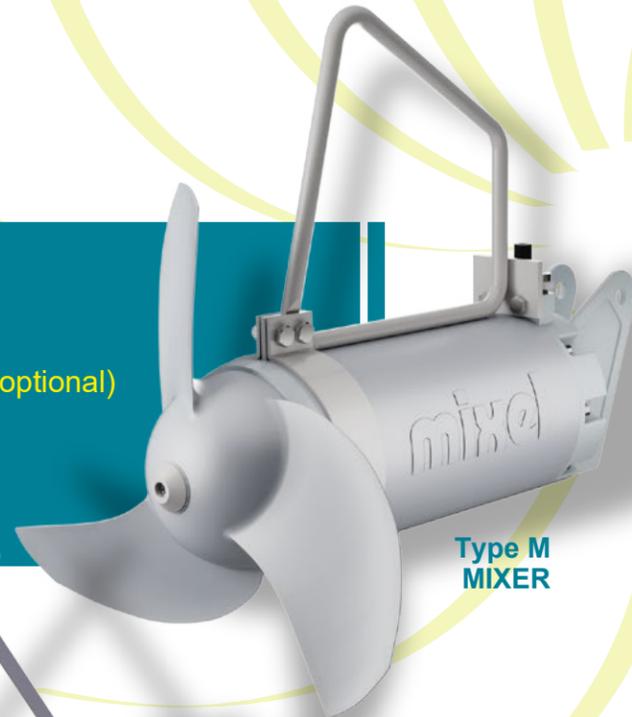


# SCUBAMIX®

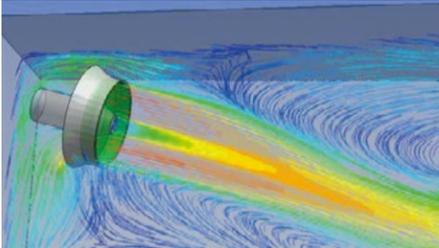
## HIGH-SPEED SUBMERSIBLE MIXER LOW-SPEED SUBMERSIBLE FLOW BOOSTER

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



SEWAGE  
WASTE WATER  
AGRICULTURE  
HUSBANDRY

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

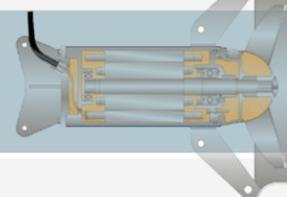
Construction	Operating conditions	Application
<ul style="list-style-type: none"> <li>• <b>Motor</b>(MIXER) 0.75kW-22kW</li> <li>• <b>Motor Gear reducer</b> (BOOSTER) 1.5kW-7.5kW</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Mixing density</b> Up to 1150kg/m<sup>3</sup></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Mixing and agitation</b> Sewage and industrial effluents treatment plants</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Seal</b> Double mechanical seal(MIXER) Mechanical seal(BOOSTER)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Installation</b> Max diving depth of 20m</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Homogenization</b> Homogenization of highly concentrated muddy</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Propeller</b> Streamlined propeller with high energy saving Effectively avoid filament entanglement</li> </ul>	<ul style="list-style-type: none"> <li>• <b>MIXER</b>: 4 installation methods</li> <li>• <b>BOOSTER</b>: 2 installation methods Depends on the tank</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Various water treatment</b> Tertiary treatment /equalization / sludge buffer pool / biological treatment /anaerobic/ anoxic /aerobic, etc.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Control sensors</b> For sealing and temperature</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Adjustable push angle</b> (MIXER)</li> </ul> 	
<ul style="list-style-type: none"> <li>• <b>Installation</b> Stainless guide rail and lifting crane</li> </ul>  		

### 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/equilibration
- Best choice for mixing, dissolving and suspending

MIXER-Sectional view



### 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

