

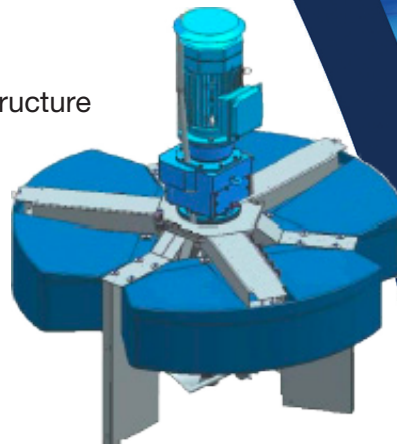
# HELIFLOAT FLOATING MIXER

## All Size Tanks, Lagoons, and Sewage Storage

MILTON ROY MIXING has successfully developed the HELIFLOAT floating agitator designed to prevent particles from settling in large tanks, lagoons, and sewage storage.

### Features & Benefits:

- Installation does not require a specific agitator support structure
- Lightweight agitator is easy to handle and install
- Operates at variable power levels while maintaining consistency and efficiency
- Low maintenance (standard parts)
- Wide treatment area (approx. 12 m / 40 ft)



The HELIFLOAT's advantages include an economical agitator investment, energy savings with a reduction in power requirements, and a maximum agitated volume/area.

### Operating Principles:

The combination of impeller and agitator body create the necessary propulsion for the specific application with agitation of up to 6 m / 20 ft in depth. The HELIFLOAT agitator includes four unsinkable floats and does not require a mounting structure.

### Easy Installation:

The HELIFLOAT is suitable for lagoons, basins, and tanks. Depending on the volume, additional units can be added.

### For your application in:

- Water Treatment
- Homogenization
- Solid Suspension
- Prevention of sludge / solid deposits

# HELIFLOAT FLOATING MIXER

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## Technical Specifications:

### Main features

- Gearbox and motor driven agitator
- Set of unsinkable floats (filled with foam)
- Stainless steel frame (304L or 316L)
- Flow guiding device
- SABRE® Propeller

### Hydraulic features

- Pumping flow rate:  
up to 18000m<sup>3</sup>/h / 80000gpm

### Description of the motor

- Power: 11, 15 or 18,5kW /  
15, 20 or 25HP
- 50 Hz three phase
- IP 55

### Construction materials

- Stainless Steel (304L or 316L)
- Painting: MRE IT 09/403 - C4, 280μ  
high corrosion resistance

### Volumes concerned

From 200 to approximately 20 000m<sup>3</sup> in:

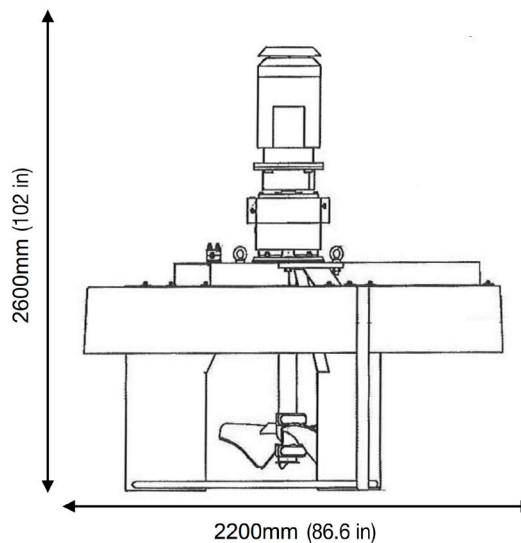
- Basins
- Lagoons
- Large tanks

### Options (model)

- Motors adapted according to the environment, the country, and climatic conditions  
-4° F to 222° F (-20°C to +50°C)
- Robust materials to protect the unit from corrosive environments, such as duplex stainless steel.
- 60 Hz                      • 3 phases
- Ex protection       • Power cables
- Lifting & mooring, Accessories

### Settlement

- One or several agitators possible depending of the tank/ lagoon surface
- Fixation by slings



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Literature# Helifloat 1/2021

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**Mixing**

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