

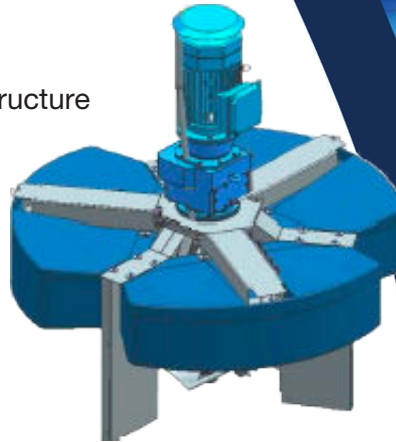
HELIFLOAT FLOATING MIXER

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

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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 18000m³/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 000m³ in:

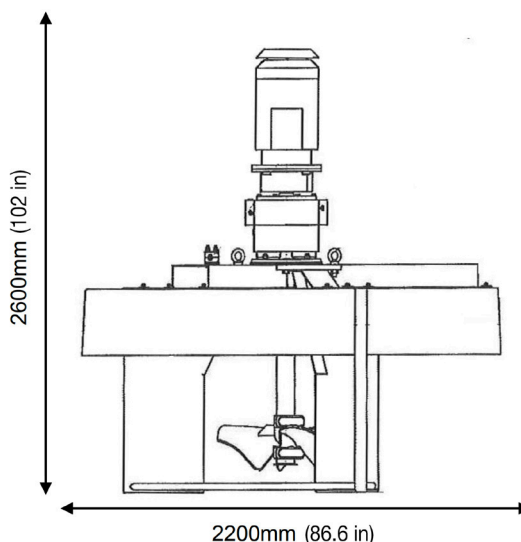
- Basins
- Lagoons
- Large tanks

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



MILTON ROY
Mixing

At the heart of mixing