



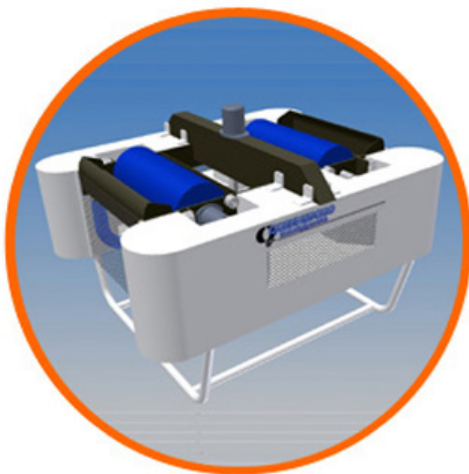
## *QME-100 Adjustable Skimmer*

The QME-100 Adjustable Skimmer was conceived after receiving invaluable feedback from industry experts about the need for such a product and after hours of research and development. In addition to conventional features such as a self adjusting weir, and interchangeable recovery banks, this unique skimmer gives the user the ability to hydraulically adjust the height of the recovery banks relative to the surface of the water. As a result, the skimmer's recovery efficiency is no longer hindered by changing service conditions such as water salinity (buoyancy) and oil viscosity.

Emphasis has also been placed on the need for the skimmer to have a reliable service life and low maintenance costs. Hence, the skimmer incorporates a modular design that allows for components to be easily removed for decontamination or replacement through the use of simple hand tools. Furthermore, the skimmer's all aluminum construction and powder coating treatment provides for excellent corrosion resistance.

Oil recovery is achieved through the dual recovery banks and a self adjusting weir, which can be operated separately or in tandem. An onboard submersible pump then transfers the recovered oil to a collection vessel.

The skimmer can be supplied with a hydraulic control panel that connects to a separate power source such as a ship's hydraulic system, or with a complete diesel hydraulic power pack with built in controls. It is also available with optional features such as bow thrusters and a buoyant umbilical hose. Furthermore, since Queensboro Marine Equipment does all fabrication in-house, custom design changes can be made for special applications.



### *Specifications (Skimmer head only)*

- Recovery rate:
  - Disc – 70 m<sup>3</sup>/hr
  - Brush – 76 m<sup>3</sup>/hr
  - Drum – 66 m<sup>3</sup>/hr
  - Weir – 100 m<sup>3</sup>/hr
- Weight: 800 lbs
- Dimensions: 75" long x 65" wide x 48" high
- Transfer hose diameter: 4"
- Maximum hydraulic pressure: 3000 PSI