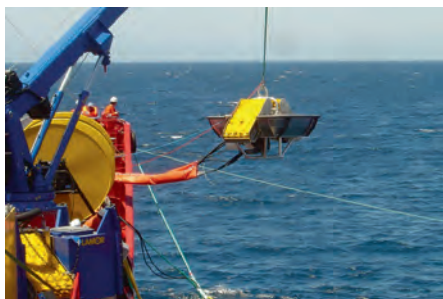## Free Floating Skimmer LFF 100   395330

The Free Floating Skimmer LFF 100 is a high capacity brush chain skimmer designed to recover oil in offshore operations that can be used in J and U sweep configurations. The LFF 100 has excellent wave following characteristics and suitable for use in all environments, including Arctic conditions.

The skimmer has two 4-row oleophilic V-brush chains that separate the oil from the water effectively and lifts the oil to a specially designed brush scraper from where the oil is directed to the oil transfer pump. The double rotation direction capability enhances the recovery of light to heavy viscous oils.

The skimmer has a robust aluminum frame and floats with a single lifting point which makes the LFF 100 easy to lift, operate, clean and store. The LFF 100 has a heated scraper and hopper for effective skimming in Arctic conditions and is equipped with thrusters for mobility.

The skimmer has been deployed effectively in several oil recovery operations worldwide. During certified capacity tests, conducted by Bureau Veritas, a recovery rate of 111 m³/h (489 gpm) and its effectiveness in Arctic operations has tested at Ohmsett testing facilities.

Technical Specifications:

Length	2290 mm	90 in
Width	2250 mm	86 in
Height	1946 mm	18 in
Weight	700 kg*	1540 lbs*
Draft	900 mm	35 in
Certified capacity	111 m³/h**	489 gpm**
Free water collected	<5 %	<5 %
Hydraulic flow	70 l/min*	19 gpm*
Hydraulic pressure	210 bar	3045 psi
Power	25 kW*	34 hp*

Benefits:

- Suitable for recovery of all oil viscosities, including weathered crude
- Enhanced recovery due to brush rotation in both directions
- Enhanced oil flow due to special design
- Heated scraper for use in Arctic conditions
- Excellent wave following characteristics for use in heavy seas
- Effective thrusters for mobility for use in e.g. U/J sweep configurations
- Robust and durable aluminum construction
- Single point lifting

* Excl. pump, as reference, GTA 115 pump weight is 71 kg (157 lbs), hy-flow requirement 160 l/min (42 gpm)

**Capacity related to pump selection