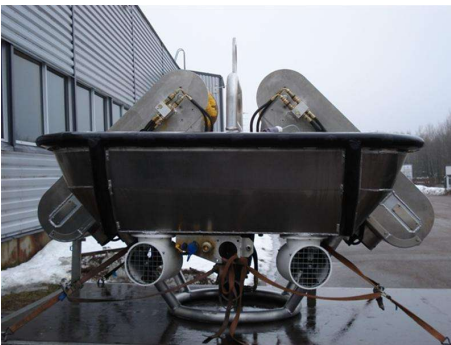




TECHNICAL SPECIFICATIONS

Length	2290 mm
Width	2250 mm
Height	1946 mm
Weight	750 kg
Design capacity	100 m ³ /h
Cap., certified (1mill cSt)	102,6 m ³ /h
Hydraulic flow	40-60 l/min
Hydraulic pressure	210 bar
Power requirement	30 kW
Free water collected	< 2 %



The Lamor Free Floating Offshore skimmer is a very high capacity free-floating skimmer designed for open ocean oil recovery operations. The LFF 100 2C is fitted with two V-chain pocket brush type conveyors for efficient collection of all types of floating oil from light to high viscosity oils and emulsion. Each brush chain conveyor consists of four brush chains. LFF 100 2C is equipped as standard pump outlet of 5" and Micro-control MC-3-5 Electric actuator PVEA 157B4735.

Recovered oil is offloaded by an optional high volume Positive Displacement Archimedes Screw type pump with capacity of 115 or 140 m³/hr with more than 500.000 cSt oil. Tested and certified skimming capacity for 1 mill. cSt bitumen is 102,6 m³/h and for IFO 40 intermediate fuel oil 111 m³/h (BV HSK4070026).



The weight and hydraulic flow requirements are given for the skimmer head only (excluding the off-loading pump). The skimmer is hydraulically operated and fitted with two thrusters to allow the operator to maneuver the skimmer to where oil is most heavily concentrated.

The Lamor V-chain pocket type conveyor skimmer is a powerful skimming unit designed for recovery of extremely high viscosity oil, emulsion, and bitumen as well as debris in the collected oil. The skimmer is designed to collect these heavy materials floating on the water surface or submerged below the surface and feed the oil into a Lamor Archimedes screw pump.



A mechanical feeder skimmer lifts or drags - by means of more than just adhesion - the oil out of the water to a position above the water surface, and feeds or drops it into a collection tank and to the oil transfer pump. The mechanical feeder principle results in a significantly increased performance regarding high viscosity oils, debris, and low water recovered content.

Standard hydraulic connectors:
 Pressure TEMA Female 10011
 Return TEMA Male 15021
 Load Sense TEMA Male 3821
 Drain Aeroquip 3/8" Female ISO C23071-06

