



TECHNICAL SPECIFICATIONS

Length	1850 mm
Width	1414 mm
Height	2182 mm
Weight	780 kg
Weight with pump	ca. 840 kg
Design capacity	125 m³/h
Hydraulic flow (skimmer ONLY)	25 l/min
Hydraulic pressure	150-200 bar
Power requirement	20-30 kW



The Lamor Arctic Skimmer LAS 125 is a special purpose oil recovery system designed for operation in extreme cold and broken ice conditions.

The Lamor Arctic Skimmer is normally deployed by crane or davit but can be also used as free floating skimmer utilizing the optional floats when required.

The LAS 125 W/P incorporates static ice deflection pipes and rotating brush wheels for oil separation and collection. The brush wheels rotate in the same direction as the flow of the oily water passing through the skimmer. The rotating brush forces the oil under the surface of the water and influenced by its buoyancy, the oil migrates upwards adhering to the brushes.



During the lifting action, water flows through the brushes to the centre of the brush wheel and further through water holes out from the skimmer, while the oil adheres to the brushes.

The two brush wheels collect and separate the oil from the water, any encountered ice pieces are crushed by the ice crushing screws inside the hopper and these screws also feed the oil to the efficient built-in Lamor GT A Positive Displacement Archimedes Screw type oil transfer pump.

The LAS 125 W/P is equipped with a warm water heating system to improve recovery in arctic conditions.



Recovered oil, small ice pieces and oil mixed slush ice are delivered into a collection hopper with screw conveyors that feed the material into the Lamor GTA oil transfer pump. The Lamor LAS represents a technical break through in the development of equipment for use in Arctic conditions and provides an efficient and practical solution to recovery in arctic conditions.

Standard connectors:

Pump

Pressure TEMA female 7511

Return TEMA male 10021

Drain Aeroquip 3/8" female ISO C23071-06

Oil discharge 5" Camlock male

Auger Screw:

Pressure TEMA female 5011

Return TEMA male 5021

Return TEMA male 3821

Water injection

