



**TECHNICAL SPECIFICATIONS**

Length	1565 mm
Width	1645 mm
Height	930 mm
Weight	145 kg
Draft	500 mm
Design capacity	140 m <sup>3</sup> /h
Capacity, certified ASTM	150,6 m <sup>3</sup> /h
Capacity, certified max	271,5 m <sup>3</sup> /h
Free water collected	< 5 %
Hydraulic flow (skimmer ONLY)	5 l/min
Hydraulic pressure	70-150 bar
Power requirement	0.6-2.5 kW



The Lamor Multi Skimmer LMS/S is a flexible high capacity free-floating skimmer, which is designed with interchangeable brush wheel, disc bank, and drum modules in a triangular configuration. The model LMS/S is equipped with a Camlock quick connector for a suction pump or vacuum system for collected oil transfer.

The LMS can be equipped with three of each type of skimmer units or with a combination of all three. Please note that the capacities shown are for the standard version of the LMS with brush wheels.

The LMS works equally well for near shore, shallow water skimming as for open sea operations.



Surface water and oil are drawn into the skimmer by the downward rotation of the skimming devices so oil adheres to the oleophilic surfaces, is separated and scraped into the collection sump. The LMS recovery modules offer optimum efficiency in all oil types, including diesel, fresh crude, high viscosity bunker oil and emulsions, and collect virtually no free water. The brush modules are offered as standard since they offer the highest recovery capacity over the widest range of oils.

Each brush wheel has certified skimming capacity of 50,2 m<sup>3</sup>/h according to ASTM F 631-99 standard. The tests are certified by Bureau Veritas. This is very much related to the oil thickness and the maximum certified recovery capacity can come up to over 90 m<sup>3</sup>/h per one brush module. The final recovery capacity is dependant upon the suction pump or vacuum system capacity available.



The LMS can also be fitted with disc banks or drum modules for recovery of light to medium oils, but the capacity of these is significantly less than the capacity of the brush modules.

The LMS/S is supplied with a 3" camlock oil discharge connector as standard.

Standard hydraulic couplings for the skimmer unit only: 3/8" TEMA 3811/3821. Other coupling types are available on request.

