

## 01C Skimmers - Vessel mounted

### Stiff Sweep Arm LSS 9 m - 208801



The Lamor Stiff Sweeping Arm incorporates both the proven stiff brush oil recovery technology and optionally also weir skimmer as exchangeable modules. The design offers high performance and safety for offshore oil spill recovery operations.

The 6 Chain LAMOR Brush Conveyor Belt is a removable recovery system for oil spills on the water surface. It is used in more than 480 delivered Lamor advancing skimming systems (like the built-in recovery systems, Side Collector systems, Catamaran recovery systems and Bow Collectors).

With the LAMOR Stiff sweep arm deployed, the entire vessel becomes an "oil slick processing system". The forward motion of the vessel deflects surface water and oil

from the collection area formed by the sweeping arm into the recovery process in the apex formed by the sweeping arm and vessel hull. The flow leads the oil to the collection module which is equipped either by LAMOR brush pack skimmer or a weir type skimmer and the oil transfer pump.

The superior advantage of the brush assisted stiff sweep system is that the brush conveyor separates the oil from the flow and compared to the weir type stiff sweep arrangement, which typically collects approx. 90 % water, the free water content with the brush conveyor can be limited to less than 10 %.

The conveyor belt is mounted in the apex of the Lamor Stiff arm LSS 9. When the system isn't in use, it is stored on deck or on-land storage, and the vessel can be exploited for other activities.

1 Stiff sweep, Length 9m SB or PS with brush conveyor 6C comes with following accessories:

- brush and weir skimmer module
- towing chain 20m
- rope 40mm/55m
- rope 24mm/55m



### TECHNICAL SPECIFICATIONS

Length	9455	mm
Width	3124	mm
Height	2122	mm
Weight	3300	kg
Hydraulic flow (skimmer ONLY)	20	l/min
Hydraulic pressure	210	bar
Power requirement	7	kW
Capacity, certified ASTM	140	m³/h