# Brush Skimmer Free Floating LFF 400 W


## TECHNICAL SPECIFICATIONS

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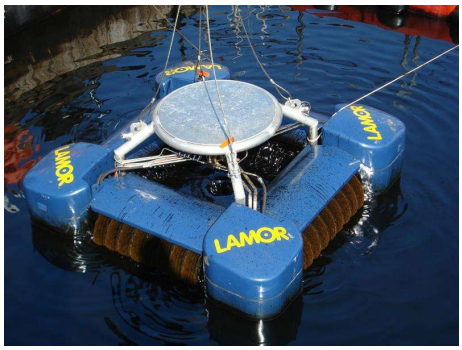
|---|---|
| Length | 2280 mm |
| Width | 2280 mm |
| Height | 1955 mm |
| Weight | 750 kg |
| Design capacity | 250 m³/h |
| Free water collected | < 5 % |
| Hydraulic flow | 40-60 l/min |
| Hydraulic pressure | 100-200 bar |
| Power requirement | 10-20 kW |




The Lamor Free Floating Offshore Skimmer (LFF 400) is a very high capacity free-floating skimmer designed for open ocean oil recovery operations. The main advantage of the Lamor LFF 400 is its ability to be remotely operated in offshore deployments.

The LFF 400 is designed for deployment from a vessel into an area where oil has been contained. The LFF 400 is fitted with two hydraulic thrusters, allowing the operator to maneuver the system to where oil is most heavily concentrated. The radio remote control system, which is included as standard to the skimmer system, can operate the skimmer functions from a distance of up to 200m.

Surface water and oil are drawn into the skimmer by the downward rotation of the oleophilic brush wheels on all four sides of the skimmer head. Oil adheres to the rotating brush wheels, and is separated and cleaned from the brushes into a collection sump. Oil collected in the sump is then offloaded by one of the range of powerful Lamor GT A pumps and transferred via the supplied floating hose. The installed GT A pump can be easily removed and used for salvage, offloading and other transfer duty.

The LFF 400 brush wheels collect all oil types, including diesel, fresh crude, high viscosity bunker oil and emulsions, while collecting almost no free water.

The recovery capacity of the LFF 400 will be dependent upon the transfer pump selection.

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