

Brush Skimmer Multimax LAM 50/3C - 387630



The Multimax LAM 50 is a brush chain-type free-floating oil skimmer designed to recover oil in fast flowing rivers, oil ponds, harbors or as an advancing side sweep skimmer. The skimmer can be used in all terrains and environments, including Arctic conditions.

The one 3-row oleophilic V-brush chain bank separates the oil from the water effectively and lifts it to the specially designed brush cleaner from where the oil is directed to the oil transfer pump. The skimmer has a special flow design to improve oil recovery in stationary conditions. The double rotation direction capability enhances the recovery of light to heavy viscous oils.

The skimmer has robust detachable aluminum floats, aluminum frame and single lifting point making it easy to lift, operate, clean and store. The LAM 50 skimmer with its standard heated scraper and hopper makes it an effective skimming unit in Arctic conditions, which has been tested at Ohmsett testing facilities. The skimmer has been deployed effectively in several oil recovery operations worldwide.

The Brush Conveyor recovers all oil types and is particularly effective in weathered oils, crude, high viscosity bunker oil, emulsions, and high concentrations of oily debris, while collecting almost no free water. During certified capacity tests, conducted by Bureau Veritas, a recovery rate of 51.2 m³/h (225 gpm) was achieved.



TECHNICAL SPECIFICATIONS

Parameter / Type LAM 50/3C		
Length	1800 mm	71 in
Width	1416 mm	56 in
Height	1251 mm	49 in
Weight (excl. pump)	230 kg	507 lbs
Draft	402 mm	16 in
Brush chains	3 pcs	
Capacity, certified max	51,2 m ³ /h	225 gpm
Free water collected	< 5 %	
Hydraulic flow (skimmer ONLY)	15 l/min	4 gpm
Hydraulic pressure	150 bar	2175 psi
Power requirement	4 kW	5.3 hp
Hydraulic connector (std)	TEMA 3800	

FEATURES AND BENEFITS

- Suitable for recovery of all oil types including weathered crude
- Enhanced recovery due to brush rotation in both direction
- Enhanced oil flow due to special design
- Heated scraper for use in arctic
- Robust and durable aluminum construction
- Detachable floats makes cleaning and storage easy
- ASTM connectors in front makes fixing of sweep boom easy
- Single point lifting

PRODUCT CONFIGURATIONS / OPTIONS

- Hydraulic coupling type for skimmer : galvanized or stainless steel
- Hydraulic coupling type for pump: galvanized or stainless steel
- Recommended pumps for LAM 50: GTA 20, 30, 50, 70 or Vogelsang VX 64 or 128
- Heated scraper as standard