

Product Category
SKIMMER
ADVANCING

Product No.
651305

LAMOR
ENVIRONMENTAL SOLUTIONS

Mini Bow Collector



BENEFITS

- Advancing system
- Large recovery capacity
- Rapid deployment
- Interchangeable scraper
- Removable debris screen
- Built for adverse conditions
- Detachable system
- Hydraulic connectors AISI 316

www.lamor.com

The Mini Bow Collector (LBC) is a compact, bow-mounted advancing skimming system that utilizes Lamor's proven brush technology to recovery light to heavy oils in advancing oil spill response operations. Due to its modularity, the size of brush cassette can be easily customized according to any vessel type. The system can be rapidly deployed within minutes providing fast and efficient response operations. Built for nearshore and offshore operations, the system can withstand adverse and choppy sea conditions while maintaining performance.

The Mini Bow Collector is made of durable marine-grade aluminum. The patented brush-comb system minimizes the amount of collected water. High-quality brushes tolerate heavy use in extreme temperatures from -50 °C to +160 °C. The bristles are easy to maintain and can be cleaned fast and easily with hot steam at up to +160 °C. The replacement of a damaged brush component is fast and easy.

Deflection plates increase the sweeping width of the system and guide oil into the recovery channel as the vessel advances. Any adverse water pressure is redirected by the brush system resulting in an increased overall efficiency by avoiding the formation of a counter wave. The system is able to collect oils of all types and is capable of processing small floating debris/seaweed that can block or clog other skimmers.

The Mini Bow Collector is operated by a portable and compact Lamor Power Pack unit that is equipped with an oil transfer pump (LPP 7 with C75).

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TECHNICAL SPECIFICATIONS

Length	1500-3600 mm	59-142 in
Width	500-2450 mm	20-96 in
Height	400-1720 mm	16-68 in
Weight	255-600 kg	562-1320 lbs
Draft		Adjustable
Certified Capacity (heavy oil)	40-200 m ³ /h	176-880 gpm
Recovery Speed	0,5-1.5 m/s	1-3 kn
Hydraulic Flow (skimmer)	15 l/min	4 gpm
Hydraulic Pressure (skimmer)	160 bar	2320 psi
Power Requirement	4 kW	5.4 hp

