

Product Category
SKIMMER
ADVANCING

Automatic & Manual

LAMOR
ENVIRONMENTAL SOLUTIONS

Bow Collector



BENEFITS

- Advancing system
- Large sweeping width
- Rapid deployment
- Efficient & effective oil recovery
- Safe operation
- Built for adverse conditions
- Excellent debris handling
- Custom built for vessel

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The Bow Collector (LBC) is a bow mounted advancing skimming system that utilizes Lamor's proven chain-brush conveyor technology. The system can be rapidly deployed within minutes providing fast and efficient response operations. The LBC is designed with 2-6 brushes and varies in length depending on the length of the vessel. The standard LBC is designed to be mounted on 7 m to 15 m work boats or barges. If required, Lamor can build the LBC to any boat size. Built for nearshore and offshore operations, the system can withstand adverse and choppy sea conditions while maintaining performance.

When the system is not in use, it is stored at deck level with the deflection plates folded back into the transportation mode or removed for storage. The LBC is hydraulically operated and is available in 2 models; manual or automatic deployment of the deflection plates. The automatic model hydraulically deploys the plates. In the manual model, the plates must be hand deployed.

Deflection plates increase the sweeping width of the LBC and guide oil into the recovery channel as the vessel advances. The chain brushes recover the oil with minimal water content (<2%). 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 LBC is able to collect oils of all types and is capable of processing small floating debris/seaweed that can block or clog other skimmers.

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TECHNICAL SPECIFICATIONS

Length	1800-3800 mm	70-150 in
Width	460-1300 mm	18-52 in
Height	2400-3000 mm	95-118in
Weight	250-450 kg	552-992 lbs
Sweeping Width	3500-4500 mm	134-177 in
Certified Capacity	40-140 m ³ /h	176-616 gpm
Free Water Collected	<2%	<2%
Hydraulic Flow	10-20 l/min	2.64-5.28 gpm
Hydraulic Pressure	150-200 bar	2175-2900 psi
Power Requirement	2.5-6 kW	3-8 hp

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