

Oil Recovery Bucket LRB 40 W

206363

The Oil Recovery Bucket LRB 40 W system is ideal for pit cleaning and oil recovery operations on land, offshore and in Arctic conditions. The LRB is a light bucket skimmer that is based on the proven Lamor stiff-brush wheel technology and it automatically separates oils, emulsions and oily debris from sea water or soils.

The LRB 40 is deployed in a stationary position in skimming operations from a e.g. vessel crane, dredging machine or excavator. The LRB system is unaffected by the floating debris and the free water content in recovered oil is less than 2 %. The skimmer brush can be operated in both directions depending of the oil type. The LRB 40 can be deployed rapidly and operated by a small crew. When the system is not in use, it is stored in its own storage cradle that can be used as a washing basin for cleaning the unit.

The LRB 40 has proven its efficiency in continuous recovery operations in all climatic conditions and terrains and its recovery capacity is certified by Bureau Veritas.



Technical Specifications:

Length	880 mm	35 in
Width	680 mm	27 in
Height	800 mm	31 in
Weight	75 kg	165 lbs
Capacity	19 m³/h*	83 gpm*
Free water content	<2%	<2%
Hydraulic flow	20 l/min**	5.3 gpm**
Hydraulic pressure	180 bar	2610 psi
Power	6 kW**	8 hp**

Benefits:

- Robust steel construction
- Usage on land, offshore and Arctic conditions
- Light to heavy viscous/bitumen oils
- Heated hopper for Arctic operations
- Remote controlled
- Single operator
- User friendly

*Capacity related to pump selection

**Skimmer only

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LRB system requirements:

- Positive displacement GTA Archimedes screw type pump GTA 20 - 30
- Hydraulic outlets at the end of the crane arm, hydraulic flow 80 l/min (21 gpm), hydraulic pressure 210 bar (3045 psi) for the skimmer and pump
- Maximum pressure on hydraulic return line 10 bar (145 psi)
- Drain line at the crane arm end

The manual hydraulic control panel for the LRB functions is included in with the system. The control panel is installed in the excavator cabin unit or operated from the vessel deck.

Options

- For knuckle boom crane - Tilt Arm ID 104483