

Oil Recovery Bucket LRB 250 W

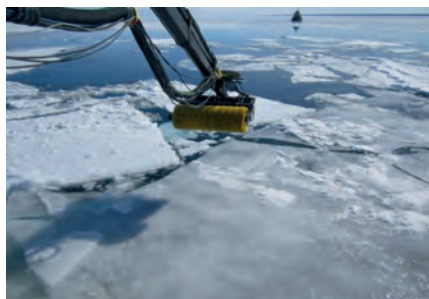
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The Oil Recovery Bucket LRB 250 W is ideal for pit cleaning and oil recovery operations on land, offshore and in Arctic conditions. The LRB is based on the proven Lamor stiff-brush wheel technology and it automatically separates oils, emulsions and oily debris from sea water or soils.

The LRB 250 is deployed in a stationery position in skimming operations from a e.g. vessel crane, dredging machine or excavator. The LRB combines the efficient oil recovery function of the brush wheel skimmer with the scraping and digging functions of an excavator scoop. The LRB is Winterized with a heated hopper, scraper and hot water injections.

The LRB system is unaffected by the floating debris and the free water content in recovered oil is less than 2 %. The brush wheel can be lifted with the bucket to scoop and empty heavy oil sludge and other solid materials e.g. ice particles, in offshore operations.

The LRB 250 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 LRB.



Technical Specifications:

Length	2480 mm	98 in
Width	2900mm	114 in
Height	1450mm	57 in
Weight	1600 kg	3530 lbs
Capacity	140 m ³ /h*	616 gpm*
Free water content	<2%	<2%
Hydraulic flow	30 l/min**	8 gpm**
Hydraulic pressure	210 bar	3045 psi
Power	15 kW**	20 hp**

Benefits:

- High oil recovery capacity
- Recovery of light to heavy oils and bitumen
- Not affected by debris
- Pump feeding transfer screw
- Robust steel construction
- Usage on land, offshore and Arctic conditions
- Winterized for Arctic operations
- Certified recovery capacity
- Single operator

*Capacity related to pump selection

**Skimmer only

LRB system requirements:

- Positive displacement GTA Archimedes screw type pump GTA 115
- Hydraulic outlets at the end of the crane arm, hydraulic flow 180 l/min (48 gpm), hydraulic pressure 210 bar (3045 psi) for the skimmer and pump
- Maximum pressure on hydraulic return line 10 bar (145 psi)
- Load sensing line at the crane arm end
- Drain line at the crane arm end
- Electric supply 24 VDC

The hydraulic control panel for the LRB 250 is included with the system. The control panel is installed in the cabin unit of the excavator or operated from the vessel deck.

Options:

- For knuckle boom crane - Tilt Arm ID 282303
- For excavator – NTP10 ID 289596
- For knuckle boom crane and excavator – Rototilt ID 384109 & Adapter ID 282120
- Remote control for EX Zone 1

