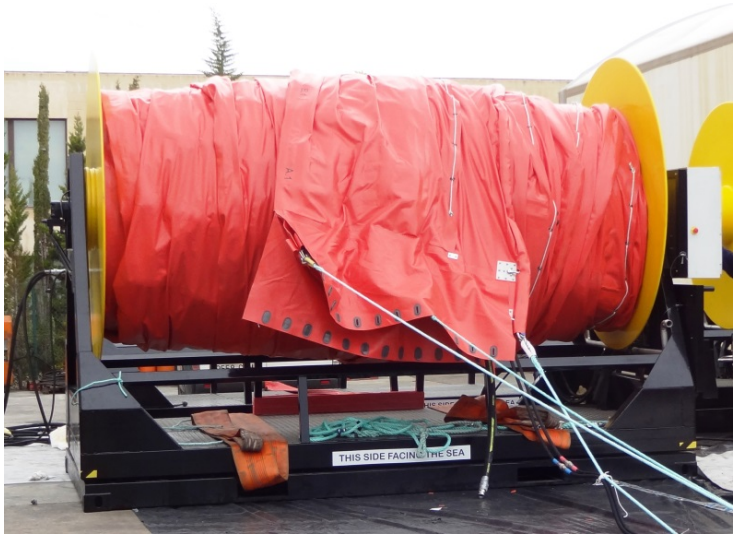
02D Boom Reels and Racks

Boom Reel HSR w Turntable and Manual Control Ocean Master 16m3 - 384156



The Lamor Hydraulic operated Unireel 16 is designed to store up to 300 m length of up to max. 2200 mm oil booms like Lamor Uniboom X offshore booms. The maximum storage capacity for each size and type of boom must be confirmed with Lamor representative.

The reel frame and spool are manufactured in corrosion protected carbon steel. The winder frame comprises fork lift channels and 4-point lifting points as standard for easy handling both on and offshore. Marine ISO container corners are included as standard.

The Lamor Unireel 16 is driven by high torque hydraulic motors, together with planetary reduction gears with high gear ratio. The automatically activated negative hydraulic braking system ensures complete control over the drum during boom deployment and recovery. The reel is operated by a hydraulic power pack such as Lamor LPP 35 which allows easy deployment and recovery using minimal manpower.

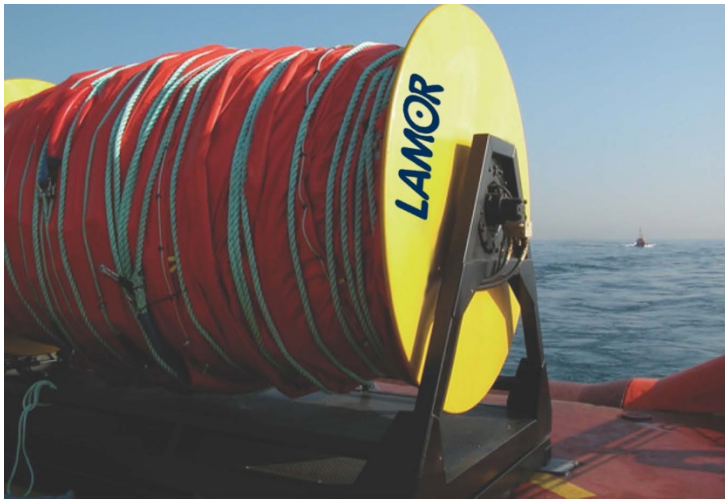
These turntable mounted boom reels are provided with an integrated delivering air system for Uniboom X containment booms. Safety of operation is maximized due to a control panel featuring a distributor valve which controls direction of rotation, rotational speed of base and drum (adjustable between 0 and 12 rpm) and the hydraulic brake. The automatically activated negative hydraulic braking system ensures complete control over the drum during boom deployment and recovery.

Both structure and drum are painted with a high quality marine grade coating to protect against corrosion for increased product durability and minimum maintenance in marine environments.

Hydraulic Unieels are fitted with ISO forklift pockets, hoisting points on the frame and 4 anchoring points for fixing the base of the reel to a dockside, ship deck or container bottom. A Lamor cover can also be supplied ensuring maximum protection for the stored boom.

Hydraulic Unieels are fitted with ISO 7241-1 series B hydraulic couplings, meaning that they can be powered by most hydraulic power packs. Other hydraulic couplings are available on request.

Footprint:	4520 x 2440 mm (14.8 x 8.0 ft)
Dimensions for transport:	5010 x 2460 x 3275 mm (16.4 x 8.1 x 10.7 ft)



Standard hydraulic connectors:

Pressure: female 1”
Return: male 1”
Drain: male 3/8”
LS signal (optional) female 1/4”

Air circuit connector: 1 ½” male Camlock (recommended air flow 5000 l/min @ 6 bar, 1,320 gpm @ 87 PSI).

TECHNICAL SPECIFICATIONS

Length	5550 mm	18.2 ft
Width	3840 mm	12.6 ft
Height	3275 mm	10.7 ft
Weight	5600 kg	12,346 lbs
Reel diameter	2350 mm	7.7 ft
Reel width	4030 mm	13.2 ft
Net volume	16,3 m^3	576 ft^3
Hydraulic flow	65 l/min	17.1 gpm
Hydraulic pressure	200 bar	2900 PSI
Maximum pull	3600 kgf	7,940 lbf
Reel material	Corrosion protected carbon steel	
Frame material	Corrosion protected carbon steel	
Forklift channels	Yes	
4-point lifting rings	Yes	

BENEFITS

- Turntable base.
- Integrated air filling system.
- Automatic hydraulic brake.
- Remote control by radio (OPTIONAL)
- High quality marine grade coating.
- Compact and robust design.
- Safe operation.