

Single Point Inflation Boom - Lamor Uniboomb X

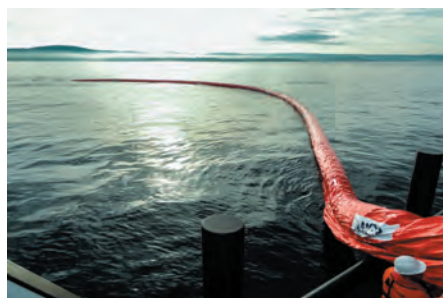
The Lamor Uniboomb X are rapid deployment boom systems. They are single-point inflation booms designed for use in open waters and offshore conditions. By utilizing a special compressed air inflation system, the manpower and time for deployment and retrieval is reduced to a minimum.

The booms inflate during deployment, and are fully operative once they are in the water. A single operator can deploy 400 m (1,312 ft) of Uniboomb X 3000 in less than 15 minutes.

The boom has two intertwined, high-pressure spiral-shaped air-hoses which inflate the boom. Transverse bulkheads divide the float into 5-metre (16.4 ft) chambers. The longitudinal tension members give the boom high structural integrity, and its high freeboard and low weight provide for a particularly favorable buoyancy to weight ratio. The unique double-spiral framework gives the Uniboomb X far better structural integrity than competing brands of single-point inflation booms. The air hoses are pressurized while the boom is still on the reel. During deployment, the air spirals expand the large, cylindrical float as soon as the boom leaves the boom reel. The two air-spirals are connected to two totally independent air-circuits, ensuring that the boom will inflate and be fully operational even if one of the circuits should fail.

The Uniboomb X has a secondary PVC hose back-up inflation system that can be used to top up the boom's air chambers when necessary, allowing long term deployment of the boom in very rough seas.

The boom is stored on a hydraulic reel recommend ably equipped with turntable and the only required deck space during operation is the reel's own footprint.



Technical Specifications:

ITEM ID	362761	384124	384130
Height	1900 mm	2200 mm	3000 mm
Length (section)	250 m	300 m	400 m
Freeboard	800 mm	1000 mm	1400 mm
Draft	1100 mm	1200 mm	1600 mm
Weight	19 kg/m	21.5 kg/m	29.5 kg/m
Buoyancy/weight ratio	28:1	37:1	52:1
Coating/Base fabric	PU, 1100 dtex polyester		
Fabric weight	1400 g/m ²		
Fabric tensile strength	4000 N/5 cm		
End connector	ASTM Z, F962 as standard		