

## Heavy Duty Boom

The Heavy Duty Boom is a robust and durable air inflated rubber boom that covers the increasing demand for offshore operations and for permanent installations at e.g. oil terminals, refineries and power plants. Moreover, the HDB can be utilized in all climatic conditions and environments, including Arctic conditions.

The boom is manufactured utilizing two layers of synthetic fabric that are vulcanized together with four layers of UV and oil resistant synthetic rubber. The stiffeners, anchoring points and ASTM fixing plates are vulcanized between the fabric layers of the boom. These features ensure robust structure, in addition to easy cleaning and maintenance. The boom is equipped with yellow stripes and reflectors for improved visibility. The ballast chain is a hot dip galvanized steel chain that gives strength, correct and stable deployment in sweeping operations, and facilitates excellent sea keeping properties. The patented Lamor F1 air valve makes the inflation and deflation by a single operator of the HDB significantly easier and quicker. The F1 air valve features a flat design with an incorporated airlock without removable parts.

The HDB is a reliable and durable boom and has been e.g. permanently deployed at several refineries worldwide for over a decade in harsh climatic conditions with very low maintenance required.



### Technical Specifications:

ITEM ID	208835/226012	226019/226014	226021/226015	208837/208845	208838/226017
Height	900 mm	1200 mm	1500 mm	1800 mm	2000 mm
Length (section)	50m/100 m				
Freeboard	350 mm	440 mm	445 mm	560 mm	560 mm
Draft	450 mm	560 mm	845 mm	960 mm	1160 mm
Weight	8.1 kg/m	10 kg/m	12.6 kg/m	15.2 kg/m	17.1 kg/m
Ballast Chain	10 mm			13 mm	
Buoyancy/weight ratio	11:1	10:1	12:1	13:1	12:5:1
Air Chamber length	3 m				
Base fabric	EP 315			EP 400	
Fabric tensile strength	12.000 N/5 cm			20.000 N/5 cm	
End connector	ASTM F962 as standard				