

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 HDB 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	35 in	47 in	59 in	71 in	79 in
Length (section)	164/328 ft				
Freeboard	14 in	17 in	18 in	22 in	22 in
Draft	18 in	22 in	34 in	38 in	46 in
Weight	5.4 lbs/ft	6.7 lbs/ft	8.5 lbs/ft	10.2 lbs/ft	11.5 lbs/ft
Ballast Chain	3/8 in			1/2 in	
Buoyancy/weight ratio	11:1	10:1	12:1	13:1	12:5:1
Air Chamber length	9.8 ft				
Base fabric	EP 315			EP 400	
Fabric tensile strength	2654 lbf/2"			4484 lbf/2"	
End connector	ASTM F962 as standard				