



## DESCRIPTION

### 800 TON FLOATING DOCKS

The 800 LC Floating Dock is designed for docking of ships up to 800 tons lightweight at a sea water density of 1025 kg/m<sup>3</sup> by means of three transverse bulk heads and one longitudinal bulk head, the dock is divided into 8 water tight compartments.

The dock's hull cross section is U-shaped and has a flat bottom construction and two platforms at fore and aft the hull and the superstructure of the dock are of an all-welded construction and are made of marine steel grade. grade "A" shipbuilding, certified by Lloyd's register of shipping.



4000T



800T

## DESCRIPTION

### 4000 TON FLOATING DOCKS

The 4000 LC Floating Dock is designed for docking of ships up to 4000 tons lightweight at a sea water density of 1025 kg/m<sup>3</sup>. There will be 700 tons ballast water available in the ballast tanks for the compensation of trim and heel and for reduction of the longitudinal deflection.

Discharge of compensation ballast water can increase the lifting capacity up to about 4700 tons under certain circumstances.

The metacentric height will be 2.5m when docking a ship weighing 4000 tons and has a center of gravity 9m above the keel blocks, when the bottom of the ship is at water level for weighting 4000 tons approximately.

All kinds of our floating docks can be used for repairing of different type of military vessels and also used to prevent them from sinking in the sea.

## SPECIFICATIONS

TYPE	800 TON	2000 TON	4000 TON
Length O.A. (m):	62	105.55	130
Length Pontoon (m):	50.60	95	117.81
External Breadth (m):	20.00	22	28
Internal Breadth (m):	15.00	17	21
Depth Total (m):	8.00	11	15.25
Depth Pontoon (m):	2.00	2.2	3.15
Draft Ballast (m):	6.50	7.8	11.05
Draft Loaded (m):	1.55	1.9	2.75
Draft (light weight) (m):	0.75	0.8 m	1.26
Lifting Capacity (ton):	800	2,000	4,000
Light weight (ton):	680	1850	3,780