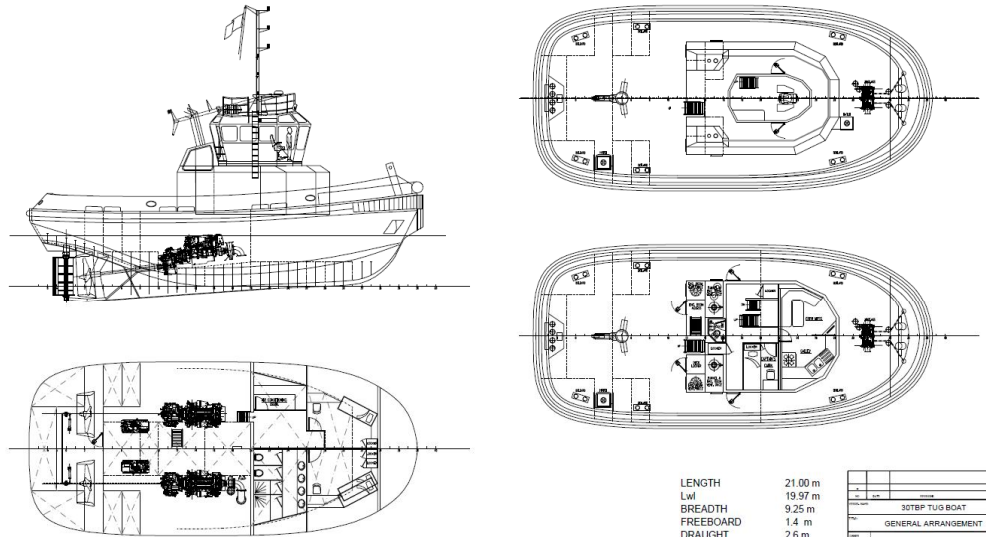


## POSEIDON 21 m HARBOUR TUG

**Basic Characteristics:**

LOA: 21,00m  
 LWL: 19,97 m  
 Beam OA: 9,25 m  
 Freeboard: 1,40 m  
 Draught: 2,60 m  
 Height: 9,30 m  
 Displacement: 240 t  
 Main Engines: 2 x 1100 kW  
 Bollard Pull: 30 tonne  
 Max. Speed: 12 knots  
 Economical Speed: 9 knots  
 Hull: Steel  
 Superstructure: Aluminum  
 Designed by: POSEIDON Co. ©,  
 2011



POSEIDON TUG-21

LENGTH 21.00 m  
 Lwl 19.97 m  
 BREADTH 9.25 m  
 FREEBOARD 1.4 m  
 DRAUGHT 2.6 m  
 HEIGHT 9.3 m  
 DISPLACEMENT 240 t  
 MAIN ENGINE 2x1100 kW

|   |  |
|---|--|
| 30TSP TUG BOAT                              |  |
| GENERAL ARRANGEMENT                         |  |
| POSEIDON Marine Technology/Construction Co. |  |

|                              |   |
|------------------------------|---|
| <b>Gen Sets</b>              | 1x40 kVa Marine Generator with Alternator   |
| <b>Gearboxes</b>             | 2 units   |
| <b>Propellers</b>            | 2 x Fixed Kort- nozzle 4 blade fixed pitch  |
| <b>Nozzles</b>               | Steel Nozzles with stainless steel ring inside  |
| <b>Steering Gear</b>         | 4 x 45°, 2 rudders at each nozzle.  |
| <b>Generator</b>             | 1 x 40 kVa marine type  |
| <b>Electrical System</b>     | GENERATOR 50 Hz. 380 V 3 phase  |
| <b>Fire Fighting</b>         | 1 piece Scum or equivalent foam water monitor with admixer. 1 piece 400m3, capacity fire pump . |
| <b>Fire Pump</b>             | 1 piece fifi pump of 250 m3/h, 8 bar capacity cluthed to M/E 1 m3 foam tank                     |
| <b>Foam</b>                  | 500 Kg protein foam compound  |
| <b>Class</b>                 | C +HULL +MACH, TUG, COASTAL AREA  |
| <b>Life Saving Eqpm</b>      | 1xLiferaft for 6 person + 6life jackets + 6 life buoy   |
| <b>Accomodation</b>          | 2+2 cabin, mess WC and shower   |
| <b>Additional Equipments</b> | Capsteen, Tow hook, GPS & Chart plotter, Echo sounder, Radar, Auto pilot, Projector             |

