



# TRA2700

## Specifications

### GENERAL

Classifications	ABS
Type	Twin Screw Tug
Main Engine	2x 1100 HP
Materials	ABS GRA
GRT / NR	241
Bollard Pull	21 T
Design speed	12 Knots @ 100% MCR
Complement	12 person

### DIMENSIONS

Length Over All	27.1M
Breath Moulded	8.8M
Depth Moulded	4.0M
Design Draft	3.0M
Complement	12 Men

### TANK CAPACITY

Fuel oil	75 m <sup>3</sup>
Portable Water	50 m <sup>3</sup>
Oily Water	2 m <sup>3</sup>
Black Water	9 m <sup>3</sup>
Grey Water	2 m <sup>3</sup>

### DECK LAYOUT

Anchor	2 x 300 Kgs Stockless
Anchor chain	Diameter 19 mm x 247.5 meter
Winch	ROTOR Type TA/12m-4-B5 ECHTOP Hydraulic Double Gypsy
Fendering	Tyre fender, Half Pipe Fender

### SAFETY EQUIPMENT

Windows & Scuttles	Marine windows & Scuttles
Safety equipment	According to class and government requirement
Fire fighting equipment	Fire alarm Gas detector PA system Tank level alarm Portable fire extinguisher Fire hydrant

### PROPULSION SYSTEM

Main Engine	YANMAR-6EY-17W/837KW/1450 RPM x 2
Gearbox	YANMAR (Kanzaki) YXH – 500L /RATIO: 4.96 x 2
Generator	YAMAGEN - YTG75TKV-OM 52KW x 2
Gear	1 Electro hydraulic steering gear 2 x 4 TM
Rudder	Steel 2 sets
Shafting & Sterntub	2 x 8" dia. Stainless steel shaft c/w standart accessories
Propeller	5 Blade Troost B Series (dia 78 ") x 2 units

### AUXILIARY EQUIPMENT

Navigation equipment	Complete set
Communication equipment	Complete set

\* The above calculation are only preliminary design information.  
\* Image shown for reference purpose.

# General Arrangement

