



Tugboat -27M

Specifications

GENERAL

| | |
|-----------------|---------------------|
| Classifications | BKI RINA |
| Type | Twin Screw Tug |
| Main Engine | 2x 1100 HP |
| Materials | ABS GRA |
| GRT / NR | 207/63 |
| 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 ³ |
| Portable Water | 50 m ³ |
| Oily Water | 2 m ³ |
| Black Water | 9 m ³ |
| Grey Water | 2 m ³ |

DECK LAYOUT

| | |
|--------------|---|
| Anchor | 2 x 400 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

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|----------------------|--|
| 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 & Stern tub | 2 x 8" dia. Stainless steel shaft c/w standard accessories |
| Propeller | 5 Blade Troost B Series (dia 78 ") x 2 units |
| Steering System | Pallmarine |

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

