



Tugboat -27M

Specifications

GENERAL

Classifications	BKIRINA
Type	Twin Screw Tug
Main Engine	2x1138 HP
Materials	ABSGRA
GRT	245
Bollard Pull	23 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 m³
Portable Water	50 m³
Oily Water	2 m³
Black Water	9 m³
Grey Water	2 m³

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

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	1Electrohydraulic steering gear 2 x 4 TM
Rudder	Steel 2 sets
Shafting & Stern tub	2 x 6.5" dia. Stainless steel shaft c/w standard accessories
Propeller	4 Blade Troost (dia 79 ") 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

