



22M WORKBOAT



MODERN

&

ENVIRONMENTAL

DESIGN

FOR

OPTIMAL VESSEL

The design of the vessel is developed via advanced engineering to reach LOW fuel consumption, LOW operational costs LOW emission.

We can save our seas and ourselves.

COMFORT DESIGN

Fully air conditioned accommodation area designed according to the tropical conditions.

FLEXIBLE DESIGN

The vessel can be redesigned easily according to your requirements

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DESCRIPTION

Steel workboat powered by twin propellers, designed for material transport, towing, pushing, anchor handling and fuel / water supply.

CLASS NOTATION

Any IACS member classification society, MCA workboat code 2

MAIN PARTICULARS

Length Overall	:	22.30 m
Breadth	:	9.10 m
Depth	:	2.90 m
Draught (max)	:	2.00 m
GRT	:	135 GRT

MAIN PROPULSION

Main Engine	:	2 X 552 KW
Propeller	:	FPP 4 blades in nozzles Prop. dia. 2 x 1350 mm

SPEED & CONSUMPTION / PERFORMANCE

Speed	:	10 knots @ 90%MCR
Consumption	:	abt. 5 t /day
Endurance	:	abt.2000 NM
Bollard Pull	:	16 tonnes

DECK EQUIPMENT

Anchor	:	1 x 187,5kg (HHP)
Anchor Winch	:	electrical 2 ton
Towing Winch	:	hydraulic 50 ton
Towing Hook	:	SWL 20 ton
Tugger Winch	:	hydraulic 50 ton
Deck Crane	:	hydraulic knuckle boom 7 ton @ 14m
Bow Roller	:	Ø700mm L=4m SWL 70t

TANK & CARGO CAPACITIES

Diesel Oil	:	55 m ³
Fresh Water	:	35 m ³
Deck Cargo Area	:	65 m ²
Deck Load	:	6.0 t/m ²

ACCOMMODATION & STORES

Fully air conditioned wheelhouse and accommodation for five (5) persons.

- Captain cabin with single berth
- 2 x Crew cabins with double tiers bunk bed
- Store (28m²)
- Saloon and pantry
- WC & Shower
- Wheelhouse including console, sofa, table

SAFETY EQUIPMENTS

Life Raft	:	1 x 6 persons
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- Fixed CO₂ system for Engine Room
- 1 x Diesel driven (portable) emg. fire pump

AUX MACHINES

Diesel Generator	:	2 x 155 kw
Harbour Gen.	:	1 x 19 kw
Bilge/Fire/Ballast	:	2 x 11 m ³ /h @2.5bar
Fuel Transfer P.	:	2 x 3 m ³ /h @1.5bar
Water Transfer P.	:	2 x 1 m ³ /h @1.5bar
E/R Ventilator	:	2 x 8500 m ³ /h