



SITE OFFICE: 2½ Miles, Jalan Kastam Baru, Lahad Datu, Sabah, Malaysia.
 HEAD OFFICE: Lot 1-5, 1st Floor, Bangunan Fordeco, Jalan Singamata, P.O.Box 60006, 91110 Lahad Datu, Sabah, Malaysia.
 KK OFFICE: K-63-3rd Floor, Signature Office, KK Time Square, Off Coastal Highway, 88100 Kota Kinabalu, Sabah, Malaysia.

TEL: 089-887688 FAX: 089887353
 TEL: 089-881188 FAX: 089-882399
 TEL: 088-486 555 FAX: 088-486 777

TECHNICAL SPECIFICATION



30M T.S.TUG

PRINCIPAL PARTICULAR

Length Overall	: 30.780 M
Length BP	: 28.082 M
Beam Moulded	: 9.000 M
Depth Moulded	: 4.650 M
Draft Moulded	: 3.68 M
GRT/NRT	: 287/87
Trial Speed	: 10 knots (Free Running)
Year of Completion	: 2009
Class Notation	: NS*TUG

MACHINERY

Main Engine	: 2 x Cummins KTA38M2 1200bhp@1800rpm
Reduction Gear	: 2 x Reintjes WAF562 Ratio 5.947 : 1
Propeller	: 2 x Fixed Pitch propellers (FPP)
Generator	: 2 x 78kw,415v/3p/50hz

CARGO CAPACITY

Fuel Oil	: 268.88m ³
Fresh Water	: 26.18m ³

DISCHARGE RATES

Bilge & Ballast Water	: 30m ³ /hr@30m head
G.S & Fire Pump	: 30m ³ /hr@30m head
Fuel Oil Transfer	: 8m ³ /hr@15m head

SUPPLY & DRAINAGE PLANT

Oily Bilge Water Separator	: 0.25m ³ / H
Electric Water Heater	: Joven Water Heater
Sewage Treatment Plant	: 15 men



SAPANGAR SHIPYARD SDN BHD

(Company No.565077-W)

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ACCOMODATION

1 X 8men Cabin	:	8 men
2X 1men Cabin	:	2 men
1 X 2men Cabin	:	2 men
Total	:	12 men

NAVIGATION EQUIPMENT

Eco Sounder	:	1 set
GPS	:	1 set
Magnetic Compass	:	1 unit
MF/HF Radio		
telephone	:	1 set
VHF Radio tel.	:	1 set
SART	:	1 set
EPIRB	:	1 set
Navtex Receiver	:	1 set
VHF Radio Portable	:	2 set

DECK EQUIPMENT

Anchor Windlass	:	Hydraulic Electric 22m c/w 2 warping drum's
Anchor	:	2 x 520kg Stockless Anchor
Towing Winch	:	Electro hydraulic ,single warping ends type of 30t SWL with Drum cap. - 250m x 38mm wire rope (wire rope excluded)

FIRE FIGHTING SYSTEM

Fire Detection & General Alarm System	:	1 shipset
Fire Extinguisher	:	8 x 9 litre ABC Dry Powder
	:	1 x 45 litre FOAM
Emergency Fire Pump (Portable)	:	1 unit

LIFE SAVING EQUIPMENT

Life Raft	:	2 x 15 men
Life Buoy	:	8
Lifejackets	:	16
First Aid Kit	:	1 set

