



CRANE BARGE

Specifications

GENERAL

| | |
|----------------|--|
| Model | Crane Barge |
| Classification | ABS |
| Gross Tonnage | 2500 |
| Classification | ABS A1 Barge (Unmanned) with descriptive notation "Crane Barge" |
| Deck Load | 10.0 tons per m ² |
| Complement | 21 Persons |

DIMENSIONS

| | |
|-----------------|--------|
| Length Over All | 68.40M |
| Breadth Moulded | 24M |
| Depth Moulded | 4.8M |

TANK CAPACITY

| | |
|---------------------|-----------------------|
| Fuel Oil | 4 x 90 m ³ |
| Freshwater | 4 x 145m ³ |
| Freshwater/Seawater | 2400 m ³ |
| Sewage | 5 m ³ |
| Dirty Oil | 5 m ³ |
| Lube Oil | 1m ³ |
| Hydraulic Oil | 1 m ³ |

DECK LAYOUT

| | |
|-----------------|---|
| Anchor | 1 x 2100 Kgs Stockless Bower Tyre |
| Anchor chain | 220m x 40mm, Grade 2 |
| Anchor Windless | 1x Single gypsy, rating 6,8 tonnes Pull at 10m /min |
| Mooring Winch | 4 x Single drum capacity 200m x 48mm PP ropes with rating 8 tonnes at 15m /min |

SAFETY EQUIPMENT

| | |
|-------------------------|---|
| Windows & Scuttles | Marine windows & Scuttles |
| Safety equipment | According to class and government requirement |
| Fire fighting equipment | CO2 system |
| | Fire alarm |
| | Gas detector |
| | PA system |
| | Tank level alarm |
| | Portable fire extinguisher |
| | Fire hydrant |

PUMP EQUIPMENT

| | |
|--------------------------------|--|
| Bilge /Fire /G.S /Ballast Pump | 2 x Taiko EHS-130 MDT /18,5KW/60m ³ /hr at 38m head |
| FW Transfer | 1 x Taiko TMS-65MCT/7,5KW /20m ³ /hr at 25m head |
| FW/SW Pressure Set | 2 x Taiko TMS-40MA /2,2KW /3,2m ³ /hr at 28m head |
| FO Transfer | 1 x Taiko NHG-20MA /5,5KW /20m ³ /hr at 25m head |
| FO Serv. & Trans | 1 x Taiko NHG-3 /1,5KW /3m ³ /hr at 15m head |
| Dirty Oil Transfer | 1 x Taiko NHG-5 /1,5Kw /5m ³ /hr at 15m head |

AUXILIARY EQUIPMENT

| | |
|----------------------|--------------------------|
| Navigation equipment | Complete set |
| Communication equip. | Complete set |
| OWS | 0.5 m ³ / bar |
| Purifier | 1000litre /hr capacity |

MACHINERY SYSTEM

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|-------------------------|---|
| Main Generator | 3 X YANMAR 6EY22ALW , 1300 kW / 1625 kVA @900 RPM (Synchronized Operation) |
| Harbour Generator | 1 X YANMAR 6CHL-HTNA , 107 ekW @1800 RPM, 440 V, 60 Hz |
| Emergency Generator Set | 1 X YANMAR 6CHL-HTNA , 54.4 ekW @1800 RPM, 440 V, 60 Hz |

CRANE EQUIPMENT

| | |
|-----------|--|
| Machinery | MACGREGOR Deck Unit; K5036 -4HD; 2024, 440V/60Hz |
| Load/Last | Radius: 7M-36M Grab 40T / Cargo 52.5T |

* The above calculation are only preliminary design information.

* Image shown for reference purpose.