



CRANE BARGE

Specifications

GENERAL

Model	Crane Barge
Classification	ABS
Gross Tonnage	2500
Net Tonnage	750
Classification	ABS A1 Barge (Unmanned) with descriptive notation "Crane Barge"
Deck Load	10.0 tons per m2

DIMENSIONS

Length Over All	68.40M
Breath Moulded	24M
Depth Moulded	4.8M

TANK CAPACITY

Fuel Oil	4 x 90 m ³
Freshwater	4 x 90m ³
Freshwater/Seawater	2000 m ³
Sewage	5 m ³
Dirty Oil	5 m ³
Lube Oil	1m ³
Hydraulic Oil	1m ³

DECK LAYOUT

Anchor	2 x 1920 Kgs Stockless
Anchor chain	220m x 38mm

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

Ballast Pump	AZUCE CA 80/10-A;440V/60Hz/3535 RPM/5.5KW/27.5A
Fuel oil transfer	AZCUE BT-IL 70D4;440V/60Hz/5.5KW/1150MIN
Fresh water transfer	AZCUE CA50 /4A;440V/60Hz/4KW/3456RPM/3.2A
FW/SW Pressure Set	AZCUE M036 /20; 3.4KW/1750 RPM/60Hz/6.9A
Ballast System	Bilge-ballast pumps :125m ³ /hr x2
General service pump	40m ³ /hr

AUXILIARY EQUIPMENT

Navigation equipment	Complete set
Communication equip.	Complete set
OWS	0.5 m ³ / bar

MACHINERY SYSTEM

Main Generator	Caterpillar 3512B ; Max alt:2400 M; 1424 KW x1
Generator	SR4B; 1360KW/1700KVA; DELTA/440V/2231 A/60Hz/ 3 Phase/6 Wire
Harbour Generator	CAT C 4.4 DITA; 158HP/1800 RPM/ 60Hz

CRANE EQUIPMENT

Machinery	MACGREGOR Deck Unit; K5036 -4HD;2014,440V/60Hz Radius:7M-36M
Load/Last	Grab 50T/Cargo 52.5 Ttt

* The above calculation are only preliminary design information.

* Image shown for reference purpose.

General Arrangement

