



# CEMENT CARRIER

## Specifications

### GENERAL

Model	Cement Carrier
Type	Cement Carrier
Classification	BKI
Capacity	5000 DWT
Volume Hold 1	2719m <sup>3</sup>
Volume Hold 2	2472m <sup>3</sup>
Design Speed	10Knot
Gross Tonnage	2999
Net Tonnage	1259

### DIMENSIONS

Length Over All	89.6M
Length load Line	86.8M
Breadth Moulded	20M
Depth Moulded	7.1M
Loaded Draft	4.9M
Design Draught	5.0M
Complement	14t Men

### TANK CAPACITY

MFO Bunkers	129 m <sup>3</sup>
MGO BUNKERS	47 m <sup>3</sup>
Ballast Water Tanks	2072 m <sup>3</sup>
Fresh Water Bunkers	30 m <sup>3</sup>
Ballast System	Bilge-ballast pumps :125m <sup>3</sup> /hr x2
General service pump	40m <sup>3</sup> /hr

### AUXILIARY EQUIPMENT

Navigation equipment	Complete set
Communication equip.	Complete set

### 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

### PROPULSION SYSTEM

Main Engine	YANMAR 6EY22AW 1600 HP @900 RPM X 2
Gearbox	YANMAR (Kanzaki) YXH – 2000 / MFG No : 00219 ,Gravity Loading
Generator	YANMAR 6HAL2 220 KW x 3
Emergency Generator	YANMAR – 4TNV – 106T – GGE
Specification	52 Kw / 65 KVA / 1500 Rpm / 380/220V / 50HZ / 3 Phase
Bow thruster:	1 GLOBAL THRUSTER type GT 960 (200/250KW/1500 RPM)
Gear	1 Electro hydraulic steering gear 2 x 4 TM
Rudder	Steel 2 sets
Shafting & Sterntub	2 x 8" dia. Stainless steel shaft c/w standart accessories
Propeller	FPP 4 Blades, Manganese bronze, Mikado - Japan

### DECK LAYOUT

Anchor	2 x 2850 Kgs Stockless
Anchor chain	Dia 44 mm x 495 meter

\* The above calculation are only preliminary design information.  
 \* Image shown for reference purpose.

# General Arrangement

