



# 6500 DWT TANKER

## Specifications

### GENERAL

Type Of Vessel	Tanker
Classification	ABS
Deadweight	6500 Tons
Speed	12 knots
Accommodation	24 Persons

### DIMENSIONS

Length Over all	108.00 M
Length BP	102.00 M
Breadth	19.20 M
Depth	9.30 M
Design Draft	6.00 M
Scantling Draft	6.30 M

### TANK CAPACITY

MDO	400 m <sup>3</sup> (98% full)
Fresh Water	250 m <sup>3</sup> (98% full)
Sludge Tank	6 m <sup>3</sup>
Dirty Oil Tank	6 m <sup>3</sup>
Lub Oil Storage	6 m <sup>3</sup>
Cargo Oil Tanks	8,050 m <sup>3</sup> (98% full)
Slop Tank P+S	250 m <sup>3</sup> (98% full)

### PROPULSION SYSTEM

Main Engine	Hanshin LH46L/2942 kw/200 RPM x2
Generator	Yanmar 6NY16L-EW/441kw/1200RPM/60Hz/3 Phases x2
Emergency Generator	Caterpillar C4.4/94kw/12800RPM/380/60 Hz/3 Phases

### PUMP EQUIPMENT

Cargo Pump	Ektro motor Cargo Pump merk Wartsila type CBX-150R H91 ASN, Cap 300m <sup>3</sup> /hr /155 kw @3578 RPM
Bilge/Ballast Pump	DESMI S100-80-220 N/A 09/ 80m <sup>3</sup> /hr@70mlc/37kw@3540 RPM
Fire Pump	DESMI S100-80-220 N/A 09 80m <sup>3</sup> /hr@70mlc/37kw @3540 RPM

### ANCHOR EQUIPMENT

Anchors	Stockless Bower type, two (2) x 3300 kg
Anchor Chain	Dia 46mm x 495 m

### OTHER EQUIPMENT

Navigation Equipment	Complete Set
Communication Equipment	Complete Set
Windows & Scuttles	Marine Window & Scuttles
Safety Equipment	According to class and government requirements
Fire Fighting Equipment	CO2/Fire Alarm/Gas Detector /PA System/Tank level Alarm Portable Fire Extinguisher/ Fire Hydrant
Rudder	Steel 2 Sets
Shafting & Sterntube	2 x 8" dia. Stainless steel shaft c/w standard accessories
Propeller	FPP 4 Blades, Manganese Bronze

\* The above calculation are only preliminary design information.

\* Image shown for reference purpose.

# General Arrangement

