



DAMEN OFFSHORE FREIGHTER 6000 STANDARD

GENERAL

Basic functions Transport of heavy cargo, project cargo, pipe feeding, general cargo
 Classification Lloyd's Register of Shipping ✕ 100 A1, ✕ LMC, UMS, IWS, Green Passport
 Equipped for dangerous cargo according to SOLAS II-2 regulation 19 (excluding I and VII)
 "Strengthened for heavy cargo 15 t/m² homogenous and 17 t/m² according to loading pattern"

DIMENSIONS

Length o.a.	102,94	m
Length b.p.p.	97,58	m
Beam mld.	15,20	m
Depth mld.	7,50	m
Ballast draft	4,20	m
Draft max.	6,38	m
Draft design	6,00	m
Deadweight scantling draft	6.000	t
Deadweight design draft	5.500	t

TONNAGE MEASUREMENT

London-Convention	3.988	GT
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CAPACITIES

Hold (box shaped)	7.200	m ³
	(255,000	cuft)
Ballast water	2.200	m ³
Fuel oil (HFO)	500	m ³
Bilge water collecting tank	10	m ³
Sludge	10	m ³
Potable water	68	m ³
Sewage	25	m ³
Lubrication oil	10	m ³
Dirty oil	15	m ³

Containers		
In hold	120	TEU
On deck	219	TEU
Total	339	TEU

PERFORMANCES (APPROX.)

Speed (at d = 6.0 and an propulsion output of 2500 kW)	12,4	kn
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HATCHCOVERS

Watertight hatchcovers with a hatchcover gantry crane.
 Dimensions hold: 78,20 x 65,10 x 12,20 x 8,70 m

PROPULSION

- 1 Main engine MCR 2.640 kW, fuel ISO-RMG380/DMA/DMX
- 1 Reduction gearbox
- 1 Propeller with controllable pitch
- 1 Shaft alternator 435 kVA

DECKMACHINERY AND EQUIPMENT

- 1 Electric driven bow anchor winch with two warping heads and two drums
- 1 Electric driven mooring winch aft with two drums
- 1 Set of navigation masts
- 2 Life/Rescue boat, with davit
- 2 Liferrafts

EQUIPMENT

- Lashing eyes in hold
- 2 moveable grain bulkheads
- Electrically driven hold ventilation for 6 air changes per hour
- Gangway

AUXILIARY

- 1 Diesel generator set, 325 kVA, 60 Hz
- 1 Emergency/harbour generator set, 100 kVA, 60 Hz
- 2 Starting air compressors
- 1 Boiler for fuel heating
- 1 Economiser
- 1 LO separator
- 2 Fuel oil separator
- 2 Fuel oil trim pump
- 1 Bilge water separator, acc. to Marpol regulations
- 2 Ballast pumps
- 2 Bilge pumps cargo hold
- 1 General service pump
- 1 Firefighting pump
- 1 Freshwater pressure set
- 1 CO₂ firefighting system for engine room and cargo hold

ACCOMMODATION

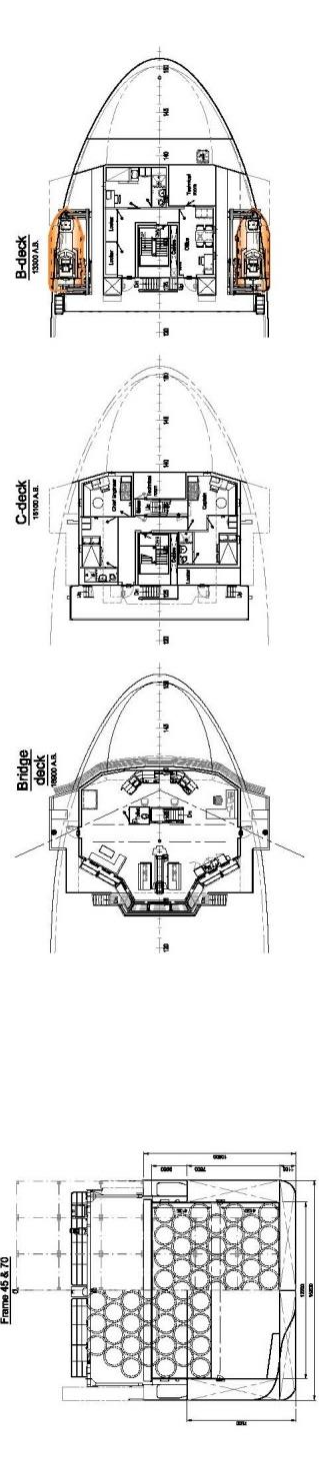
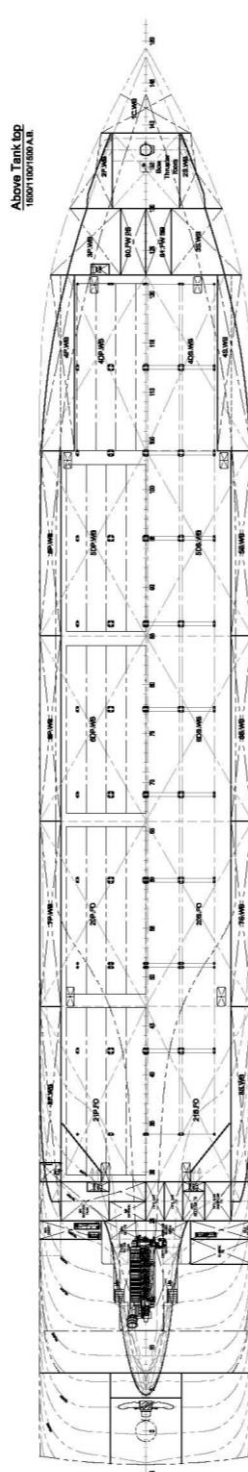
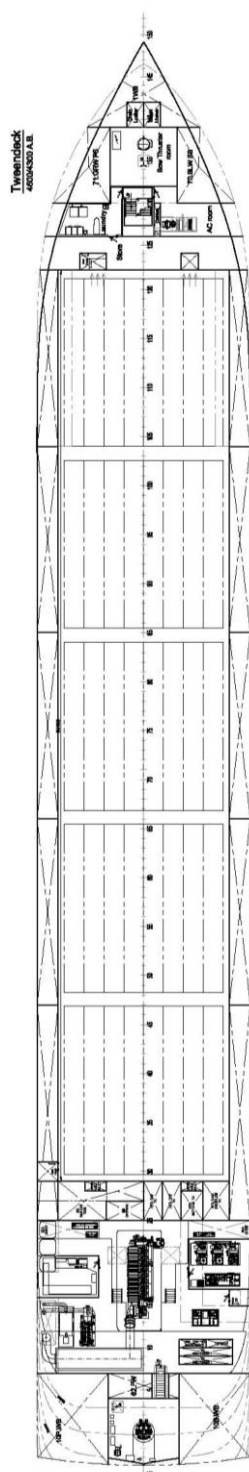
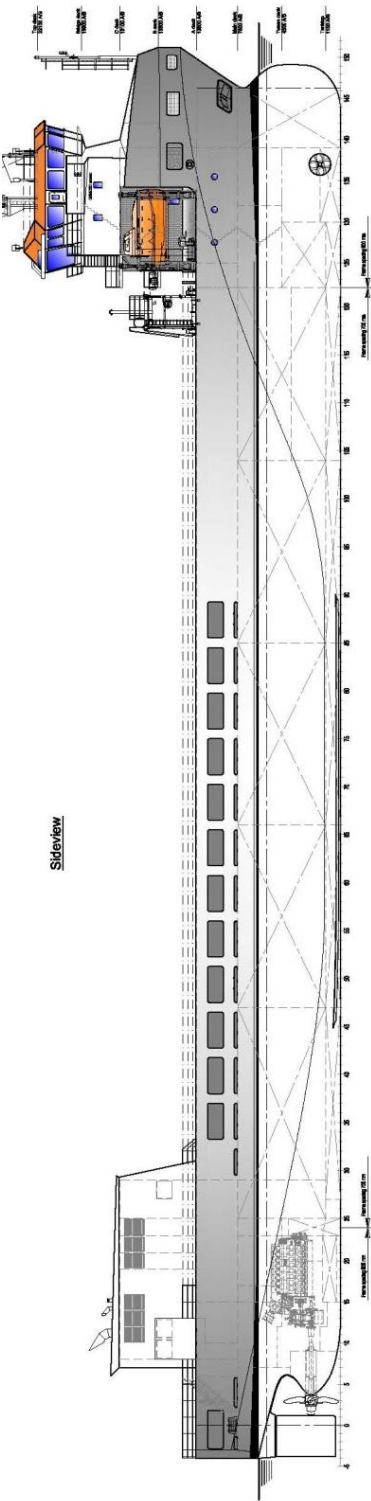
Crew	8 persons
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NAVIGATIONAL EQUIPMENT

- 1 Radio telephone set according to GMDSS for area A3

OPTIONS

- MGO
- Dynamic Positioning 2
- Diesel Electric propulsion
- Open top
- Ice class
- Ballast Water Treatment



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DAMEN

DAMEN SHIPYARDS GORINCHEM

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Registered at the Chamber of Commerce, no. 23036357, under the name BV Scheepswerf Damen Gorinchem.
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All activities carried out in accordance with the VNSI General Yard Conditions (Netherlands Shipbuilding Industry Association).