



# DAMEN COMBI FREIGHTER® 3850

M.V. "HOOGVLIET"

## GENERAL

YARD NUMBER	9414
DELIVERY DATE	February 2013
BASIC FUNCTIONS	Transport of bulk, steel coils, containers, steel and forest products, general cargo, etc.
CLASSIFICATION	Lloyds Register ✕ 100 A1, ✕ LMC, UMS, SCM Equipped for dangerous goods according to SOLAS reg. 54 (II), excl. Class I and VII. Tanktop strengthened for heavy cargo up to 15 t/m <sup>2</sup> <i>Descriptive note: loading / onloading aground</i>
IMO NO.	9625231

## DIMENSIONS

LENGTH O.A.	88,60	m
LENGTH B.P.P.	84,99	m
BEAM MLD.	12,66	m
DEPTH	7,00	m
BALLAST DRAFT	3,20	m
SUMMERDRAFT	5,425	m
DEADWEIGHT	3.800	ton
GROSS TONNAGE	2.597	ton

## CAPACITIES

HOLD CAPACITIES	5.250	m <sup>3</sup> (185.400 cuft)
HFO	200	m <sup>3</sup>
GAS OIL	28	m <sup>3</sup>
LUB.OIL CLEAN	6.7 + 1.9	m <sup>3</sup>
DIRTY OIL	4	m <sup>3</sup>
SLUDGE	4	m <sup>3</sup>
SEWAGE	12	m <sup>3</sup>
POTABLE WATER	28	m <sup>3</sup>
BALLAST WATER	1.375	m <sup>3</sup>

CONTAINER CAP. IN HOLD	108	TEU
CONTAINER CAP. ON DECK	68	TEU
TOTAL NUMBER	176	TEU

## PERFORMANCES

Trial speed at ballast draft and 1.520 kW output: 12,3 knots

## NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment is according to GMDSS for area A3

## PROPULSION SYSTEM

MAIN ENGINE	1x MAK, type 8M 20 C, running on HFO fuel (IFO 380) or gasoil
OUTPUT	1.520 kW at 1000 rpm
PROPELLER	1x CPP, 2.350 mm with nozzle
BOW THRUSTER	FPP, 280 kW, electrically driven

## HATCHES & TWEENDECK

Weather deck hatches dim. approx. 62,70 x 10,10 m  
Steel pontoon hatches with gantry crane  
Tweendeck panels at half height (incl. 2 grain bulkheads)

## AUXILIARY EQUIPMENT

- 1 Shaft generator, 330 kVA-50Hz
- 1 Diesel generator set, Sisu, 175 kVA-50Hz
- 1 Emergency/harbour generator set, Sisu, 120 kVA-50Hz
- 2 Starting air compressors
- 1 HFO separator
- 1 LO separator
- 1 GO separator
- 1 Booster-unit
- 2 Fuel oil trim pumps
- 1 Bilge water separator, acc. to Marpol regulations
- 2 General service pumps, each 150 m<sup>3</sup>/hr at 2,3 bar
- 1 Fire fighting pump
- 1 Freshwater pressure set
- 1 Freshwater generator
- 1 CO<sub>2</sub> fire fighting system for engine room and cargo hold
- 1 steering gear unit

## DECK LAY-OUT AND EQUIPMENT

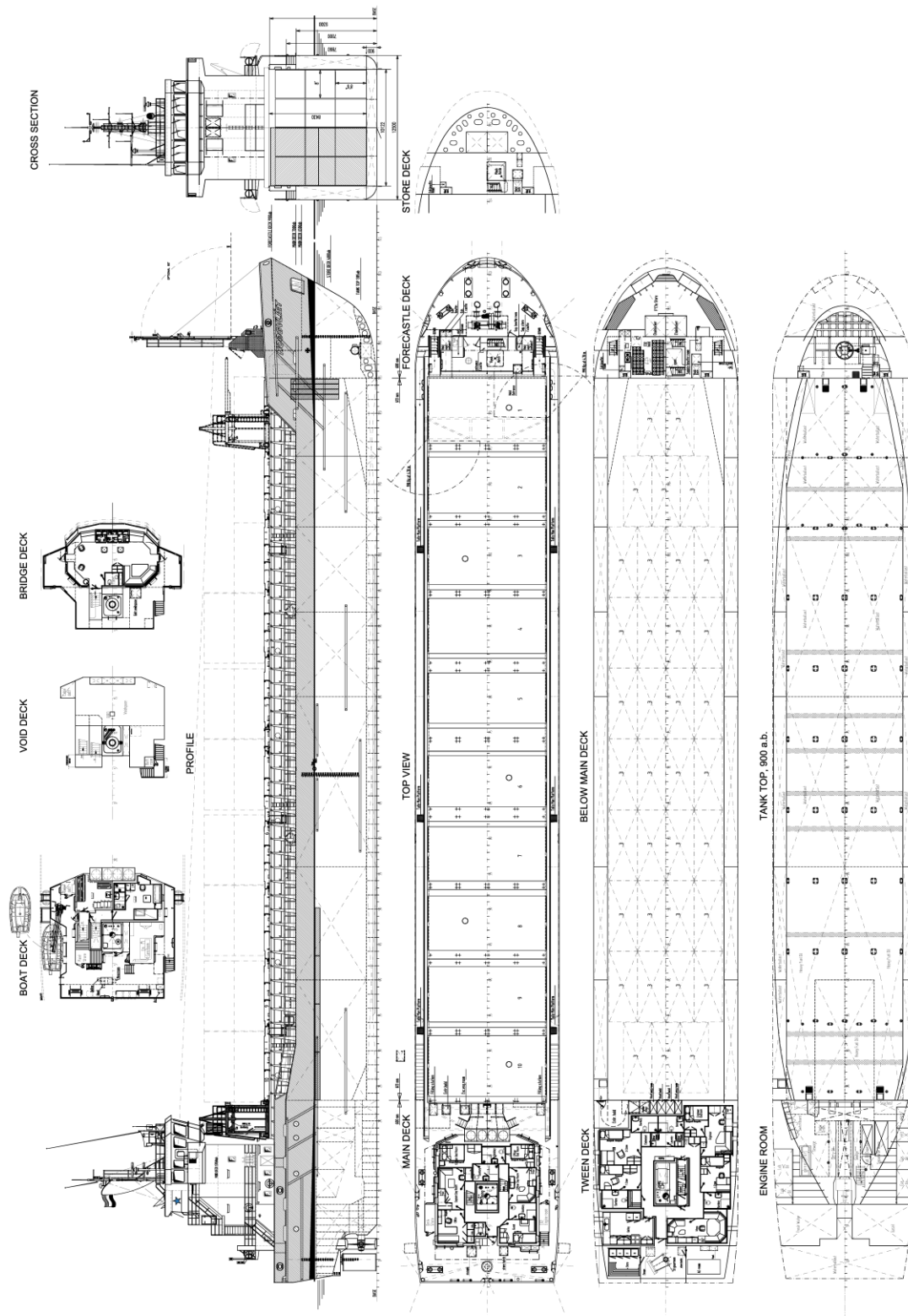
- 1 Elec. driven bow anchor winch with two warping heads
- 1 Elec. driven capstan aft
- Rudder, fishtail type
- Container fittings in tank top and on hatch covers
- Lashing eyes in hold and lashing bollards on outside of coaming
- Electrically driven hold ventilation for 6 air changes per hour

## ACCOMMODATION

For captain and crew for a total of 8 persons with heating, ventilation and air-conditioning

## MANAGING OWNER

Beheermaatschappij MS Hoogvliet BV



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**DAMEN**

DAMEN SHIPYARDS BERGUM

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