



DAMEN COMBI FREIGHTER® 3850

"M.V. AVALON"

GENERAL

YARD NUMBER	9390
DELIVERY DATE	April 2009
BASIC FUNCTIONS	Transport of bulk, steel coils, containers, forest products, general cargo, etc.
CLASSIFICATION	Lloyds Register * 100 A1, * LMC, UMS, SCM Equipped for dangerous goods according to SOLAS reg. 54 II2, excl. Class I and VII. Strengthened for heavy cargo up to 15 t/m ²
IMO NO.	9387322

DIMENSIONS

LENGTH O.A.	88,60	m
LENGTH B.P.P.	84,99	m
BEAM MLD.	12,50	m
DEPTH	7,00	m
BALLAST DRAFT	3,20	m
SUMMERDRAFT	5,425	m
DEADWEIGHT	3,794	ton
GROSS TONNAGE	2,545	ton

CAPACITIES

HOLD CAPACITIES	5.250	m ³ (185.400 cuft)
MDO/HFO	144	m ³
GAS OIL	55	m ³
LUB.OIL CLEAN	6.7 + 1.9	m ³
DIRTY OIL	6	m ³
SLUDGE	6	m ³
SEWAGE	12	m ³
POTABLE WATER	55	m ³
BALLAST WATER	1.340	m ³

CONTAINER CAP. IN HOLD	108	TEU
CONTAINER CAP. ON DECK	80	TEU
TOTAL NUMBER	188	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)
OUTPUT	1.520 kW at 1000 rpm
PROPELLER	1x CPP, 2.600 mm
BOW THRUSTER	FPP, 288 kW, electrically driven

HATCHES

Weather deck hatches dim. approx. 62,70 x 10,10 m
Steel pontoon hatches with gantry crane and 2 hydraulic cranes each 500 kgs swl

AUXILIARY EQUIPMENT

- 1 Shaft generator, 435 kVA-50Hz
- 1 Diesel generator set, Sisu, 175 kVA-50Hz
- 1 Emergency/harbour generator set, Sisu, 77 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 m³/hr at 2,3 bar
- 1 Fire fighting pump
- 1 Freshwater pressure set
- 1 CO₂ fire fighting system for engine room and cargo hold
- 1 steering gear unit
- 1 Freshwater generator 2 m³/24h

DECK LAY-OUT AND EQUIPMENT

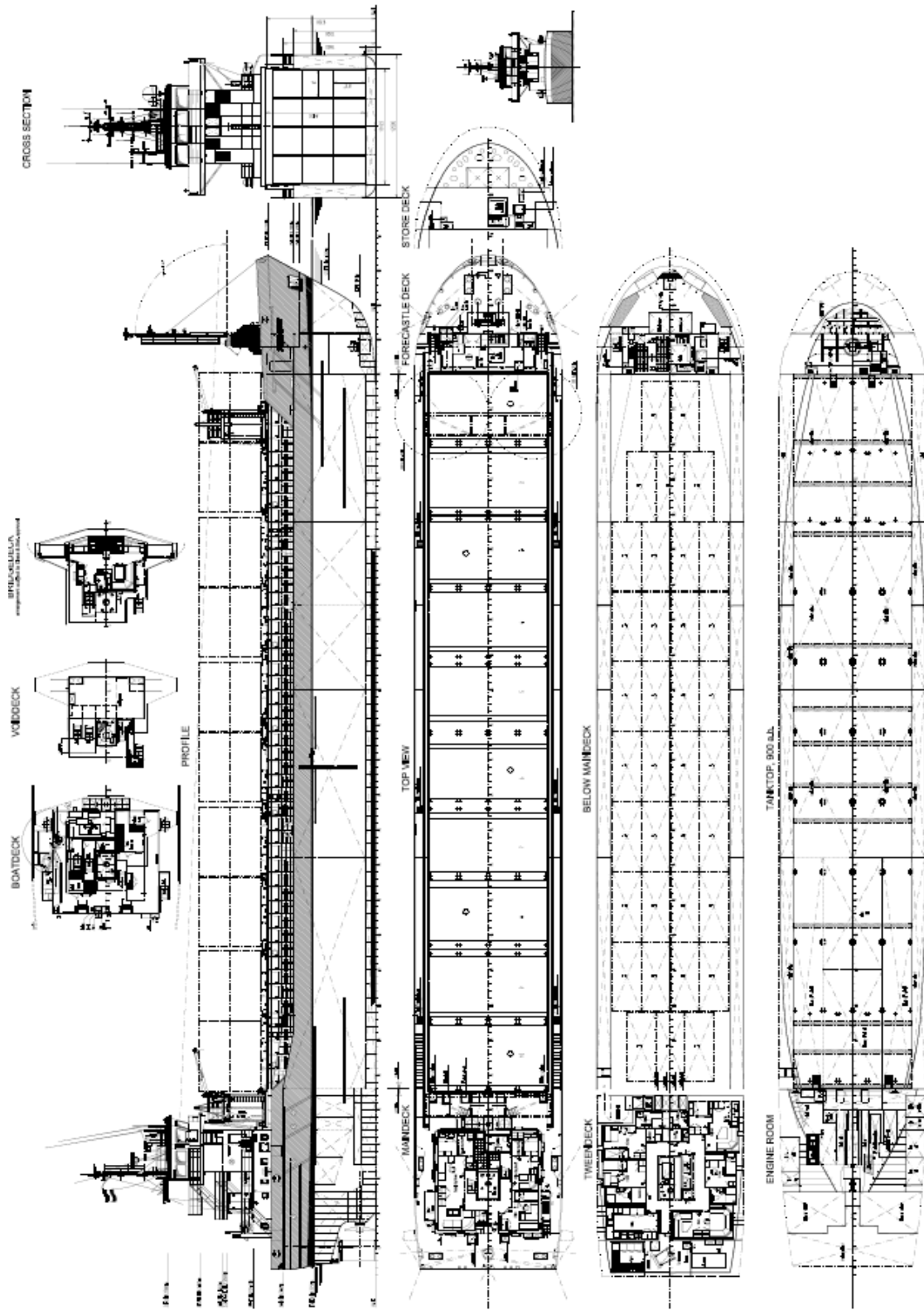
- 1 Elec. driven bow anchor winch with two warping heads
- 1 Elec. driven capstan aft
- Rudder, fishtail type
- Container fittings in tank top and on hatch covers
- Lashing eyes in hold and lashing bollards on outside of coaming
- 2 Moveable grain bulkheads with 13 stowage positions
- Electrically driven 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

Avalon Shipping CV, Indijk
The Netherlands



DAMEN COMBI FREIGHTER[®] 3850

"M.V. AVALON"

DAMEN

DAMEN SHIPYARDS BERGUM

Member of the DAMEN SHIPYARDS GROUP



Damsingel 4 (Industrieterrein Zuid)
9262 NC Suameer

P.O. Box 7
9250 AA Bergum
The Netherlands

phone +31 (0)511 46 72 22
fax +31 (0)511 46 42 59

info@damen-bergum.nl
www.damen-bergum.nl