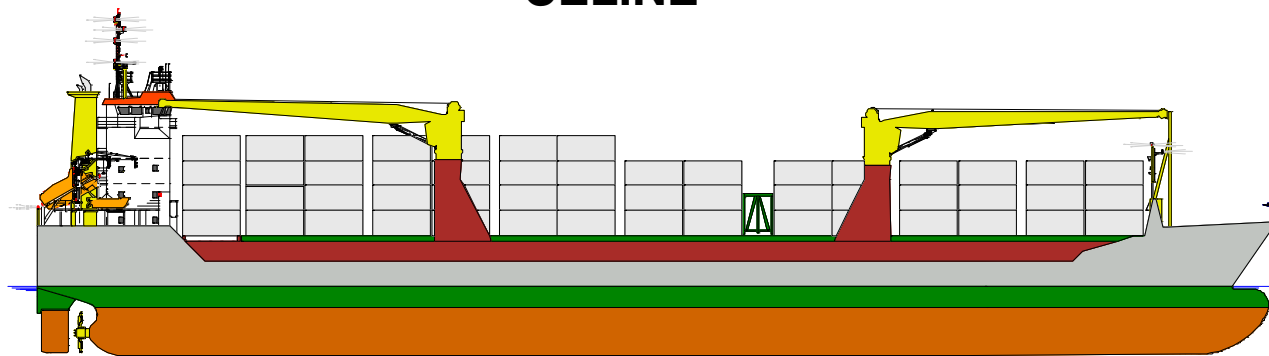


Damen Combi Freighter 9000 [®]

CELINE



General

Yard no.	: 806
Delivery date	: February 2001
Basic functions	: Transport of bulk, steel coils, containers, forest products, general cargo, etc.
Classification	: Lloyds Register \approx 100 A1, \approx LMC, UMS, SCM. Container Cargoes in Holds and on Hatchcovers. Equipped for dangerous goods according to SOLAS reg. 54 II-2, excl. Class I and VII, Strengthened for Heavy Cargoes up to 18 t/m ² .

Dimensions

Length o.a.	: 129.455 m.
Length l.l.	: 123.241 m.
Beam mld.	: 15.850 m.
Depth	: 10.150 m.
Summer draft	: 7.392 m.
Deadweight	: 9000 ton.
Gross tonnage	: 6450 GT

Capacities

Hold 1	: 5225 m ³ (= 184.519 cu.ft.)
Hold 2	: 7550 m ³ (= 266.625 cu.ft.)
Heavy fuel oil	: 565 m ³ .
Gasoil	: 59 m ³ .
Lub. oil	: 24 m ³ .
Dirty oil	: 9 m ³ .
Sludge	: 23 m ³ .
Sewage	: 23 m ³ .
Potable water	: 76 m ³ .
Ballast water	: 3665 m ³ .

Containers in hold	: 262 TEU
Containers on deck	: 236 TEU
Total number	: 498 TEU

Performance

Service speed 14.0 kn. at 7.392 m draft and 3888 kW output and 100 kW PTO.

Propulsion system

Main engine	: MaK, 9M32
Output	: M.C.R. 4320 kW at 600 rpm
Propeller	: Lips, 4 blades, CPP
Bow thruster	: Lips, 400 kW, 4 blades, CPP
Rudder	: Barkemeijer, flap type.

Hatches

Weatherdeck hatches, Max. load 1.75 t/m².
Hold 1: dim. 38.97 m x 13.15 m, hold 2: dim. 52.19 m x 13.15 m.

Electrohydraulic driven hatch crane, also suitable for grainbulkheads.

Auxiliary equipment

- 1 Shaft generator, Stamford 550 kVA, - 50 Hz.
- 3 Diesel generator sets, Scania 280 kW each, 330kVA - 50 Hz.
- 1 Em. / harbour generator, Valmet 110 kW 120 kVA - 50 Hz.
- 1 Wiesloch thermal oil economiser, 500 kW at 90% M.C.R.
- 1 Wiesloch thermal oil boiler, 465 kW
- 2 HFO 380 automatic separators.
- 1 Lub. oil automatic separator.
- 1 Gasoil manual separator.
- 2 Ballast pumps, 300 m³/h at 1.2 bar.
- 1 Bilge pump, 80 m³/h at 5.1 bar.
- 1 General service pump 80 m³/h at 5.1 bar.
- 1 Ejector in bowthrusterroom, 30 m³/h at 0.9 bar.
- 2 Ejectors in holds, 103 m³/h at 0.9 bar.
- 1 Fire fighting pump, 80 m³/h at 5.1 bar.
- 1 Ajax CO₂ fire fighting system for engine room and cargo hold.

Life-saving appliances

- 1 Hatecke free-fall boat.
- 1 Hatecke rescue-boat.
- 2 Liferrafts for 12 persons on boatdeck.
- 1 Liferaft for 6 persons on forecastledeck.

Deck lay-out and equipment

- 2 Liebherr cargo cranes 60 ton/16 m, 40 ton/26 m, 30 ton/28.4 m
- 1 Acta crane for free-fall boat, rescue-boat, liferaft SB and provision store.
- 2 Kraaijeveld electro-hydraulic winches on poopdeck with a single-drum and a warping head.
- 2 Kraaijeveld electro-hydr. winches on forecastledeck with a single-drum and a warping head.
- Container fittings on tanktop and hatchcovers.
- Lashing eyes in holds and on coamingsupports.
- 1 Grainbulkhead (existing of 2 pieces) in hold 1, with three storepositions.
- 1 Grainbulkhead (existing of 2 pieces) in hold 2, with five storepositions

Accommodation

For a crew of 15 persons with heating, ventilation and air-conditioning.

Nautical & communication equipment

Radio equipment according to GMDSS for area A3.

Managing owner

MV CELINE AG - ENZIAN SHIP MANAGEMENT AG,
SWITZERLAND.

