



DAMEN TSHD 2000

GENERAL

Basic functions
Classification

Maintenance trailing suction dredging
Bureau Veritas
I, ✱Hull, ✱MACH, Hopper Dredger,
unrestricted navigation - dredging within 8
miles from shore, AUT-UMS

DIMENSIONS

Length o.a.	70.35 m
Length b.p.p.	66.10 m
Beam mld.	16.20 m
Depth mld.	5.60 m
Draught summer	4.60 m
Draught dredging	5.10 m
Deadweight (dredging)	3030 t
Hopper volume	2000 m ³

TANK CAPACITIES

Ballast water	215 m ³
Fuel oil	325 m ³
Potable water	45 m ³
Sewage	10 m ³

PERFORMANCES (APPROX.)

Speed (at dredging draught)	11.2 kn
Trailing dredging depth	22 m
Rainbow distance (option)	25 m
Discharge length (option)	700 m

PROPULSION SYSTEM

Main engines	2x CAT 3512C
Propulsion power	2x 1118 kW at 1800 rpm
Propellers	2x 2350 mm, FPP, in nozzle
Bow thruster	1x 634 kW, jet water feed

DREDGE SYSTEM

Trailing suction system	1x 700 mm trailing suction pipe
	1x diesel driven dredge pump
	1x fixed overflow
Discharge system	4x rod actuated bottom doors
Supporting systems	1x diesel driven jet water pump

AUXILIARY EQUIPMENT

Networks	400 V/230 V - 50 Hz
Generator sets	2x CAT C9, 200 ekW at 1500 rpm
Emergency generator set	1x CAT C4.4, 46 ekW at 1500 rpm

DECK LAY-OUT

Anchor mooring winch	2x hydraulic, with warping head
Capstans	1x hydraulic, 5 t pull
Deck crane	1x knuckle boom 7.9 t at 10.6 m (harbour)

ACCOMMODATION

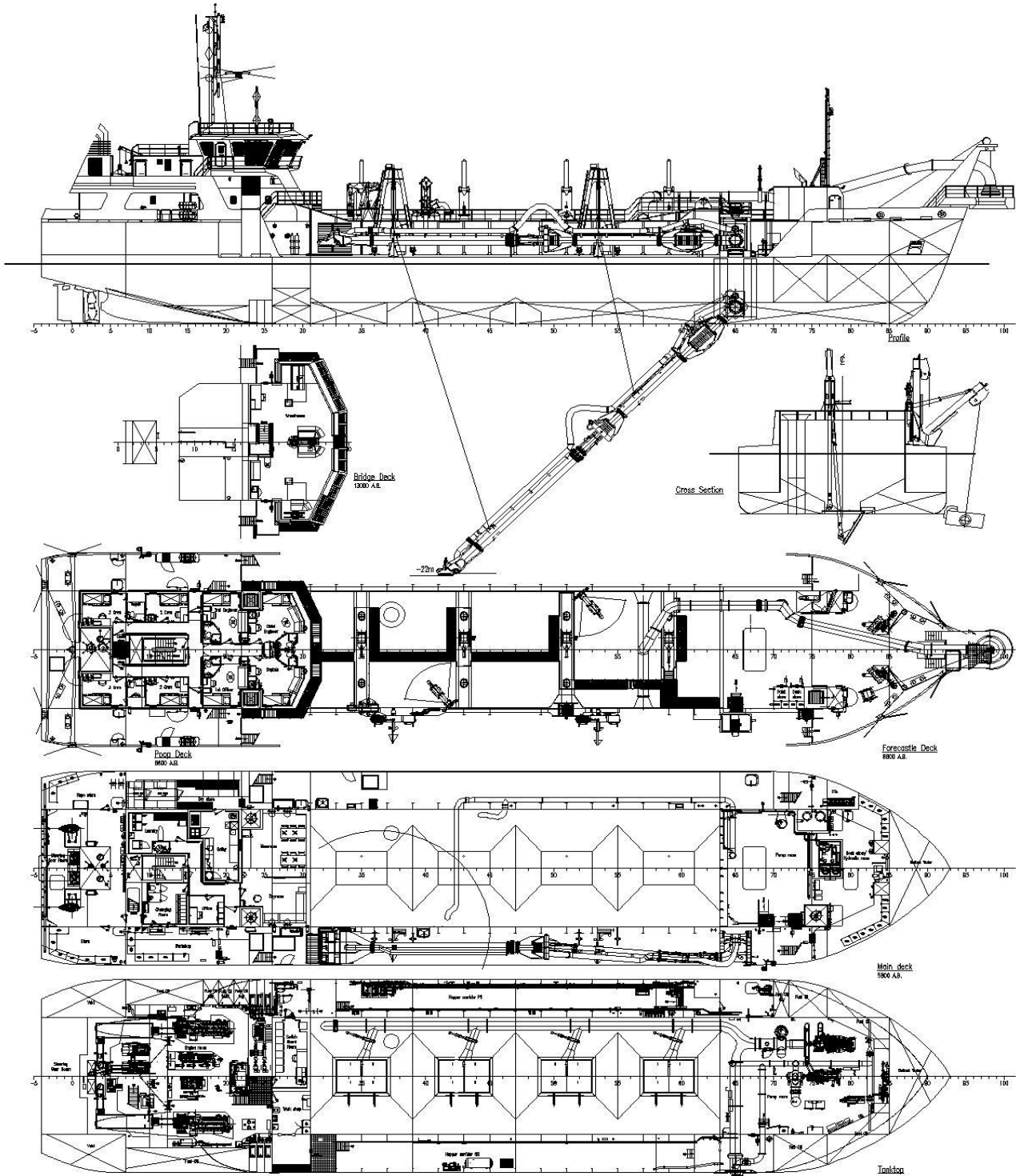
Crew	12 persons
------	------------

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar system	1x X-band
GMDSS	Area A3

OTHER OPTIONS

Dedicated bow thruster	1x diesel driven, 447 kW, FPP
Trailing suction system	1x light mixture overboard
	1x telescopic overview
Discharge system	1x self emptying system
Supporting system	1x degassing system
Dredging software	1x indication package
	1x extended automation
	1x dredge tracking



DAMEN TSHD 2000

DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.nl
www.damen.nl

DSGo-P0.0-mmyy

Registered at the Chamber of Commerce, no. 23036357, under the name BV Scheepswerf Damen Gorinchem.
All our offers are without engagement unless stated otherwise.
All activities carried out in accordance with the VNSI General Yard Conditions (Netherlands Shipbuilding Industry Association).