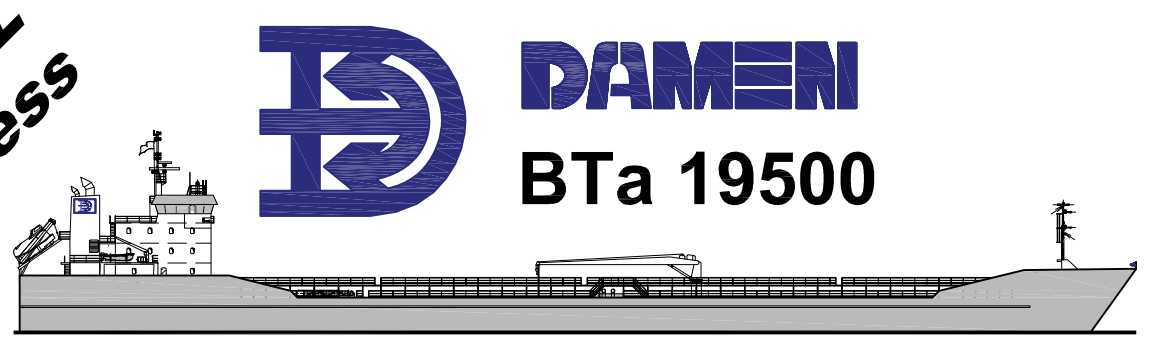


Version 2019-02-12 Marin New particulars
INFO / PROPOSAL ONLY
in Progress



Bitumen / Asphalt Tanker 19500

CLASS
A.B.S. (American Bureau of Shipping) Unrestricted Navigation
+ A1, Oil / Asphalt Carrier with Independent Tanks (230°C - 446°F)
+ AMS, + ACCU, TCM, SE, UWILD
P / V Setting = 21 kPa / -7 kPa (0.21 bar / -0.07 bar)
S.G. Asphalt 1.1 ton / m³

MAIN DIMENSIONS			
Length	o.a.	appr. 149.70 m	(491.1 ft)
Length	b.p.p.	appr. 142.40 m	(467.2 ft)
Beam	mld.	appr. 24.60 m	(80.7 ft)
Beam	o.a.	appr. 25.00 m	(82.0 ft)
Depth	at side	appr. 13.50 m	(44.3 ft)
Draft	design	appr. 9.50 m	(31.2 ft)
Draft	scantling	appr. 9.75 m	(32.0 ft)
CARGO CAPACITIES			
Deadweight	total	appr. 19,500 ton	(688,630 cuft)
Asphalt	cargo	appr. 18,400 ton	(649,750 cuft)
	s.g. =	1.1 ton / m³	
	Temperature	Design 135 °C @ 200Cst	(275°F)
		Class 230 °C	(446°F)
Tanks	each	appr. 2,240 m³ - 100% fill	(78,100 cuft)
	total	appr. 17,920 m³ - 100% fill	(632,800 cuft)
Slop / Drain Tank	each	appr. 15 m³ - 100% fill	(529 cuft)
Loading rate	manifold DN 400 (16")	appr. 1,000 m³ / hr	(35,300 cuft)
	each tank DN 300 (12")	appr. 500 m³ / hr	(17,650 cuft)
Off loading rate	manifold DN 400 (two pumps)	appr. 1,000 m³ / hr	(35,300 cuft)
	each tank DN 300	appr. 500 m³ / hr	(17,650 cuft)
BALLAST CAPACITY			
Fore Ship		appr. 850 m³	(30,010 cuft)
Midship		appr. 5,700 m³	(201,290 cuft)
Aft Ship		appr. 1,250 m³	(44,140 cuft)
	total	appr. 7,650 m³	(270,150 cuft)
DOMESTIC CAPACITY			
Fuel (incl. Sett. & Day Tanks)		appr. 1,100 m³	(38,840 cuft)
Ureum Tank(s)		appr. 60 m³	(2,115 cuft)
Potable Water		appr. 100 m³	(3,530 cuft)
Sewage		appr. 50 m³	(1,765 cuft)
Auxiliary Oil Tanks (Main Systems 4 x 30 m³)		appr. 120 m³	(4,230 cuft)
Auxiliary Oil Tanks (Aux. Generators 2 x 2 m³)		appr. 4 m³	(141 cuft)

Projection	☐	DAMEN	DAMEN SHIPYARDS GORINCHEM
Format	...		
Scale	CUSTOM	Industrietermijn Afdelingen West 20 4202 MS Gorinchem The Netherlands	P.O. Box 1 4200 AA Gorinchem The Netherlands
Units	mm		phone +31 (0) 183 63 99 11 fax +31 (0) 183 63 21 89 info@damen.com www.damen.com
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