

MT VB DAUPHIN

Azimuth Stern Drive Tug 2813 built by Damen Song Cam Shipyard – Haiphong, Vietnam

BUILT: 2026
IMO NO: 1070973
FLAG: Maltese

CLASSIFICATION:

Bureau Veritas I *HULL •MACH Tug (maximum steering force=81 t. max. braking force=97 t, max. escort speed = 10 kn) Unrestricted Service AUT UMS In-water Survey COMF-NOISE 3, COMF-VIB3, Escort, Fire Fighting 1 with water spray.

DIMENSIONS:

Length O.A	27.59 m
Beam overall	12.93 m
Depth at sides	5.20 m
Draft (aft)*	6.15 m
Displacement (approx.)	704 t
Gross Tonnage	388 t
* Without options	

SPEED:

Max. Speed: 12.7 kts

PERFORMANCE:

Bollard Pull	(Ahead)	83.3 tonnes
	(Astern)	77.4 tonnes

TANK ARRANGEMENTS AND CAPACITIES:

Fuel Oil	89.2 m ³
Fresh Water	17.2 m ³
Fresh water (incl. additional tanks)	21.9 m ³
Clean lubrication oil	2.4 m ³
Dirty lubrication oil	2.4 m ³
Sewage	8.4 m ³
Bilge Water	5.6 m ³
Foam	9.46 m ³
Dispersant	4.9 m ³
Urea	3.0 m ³

PROPULSION SYSTEM:

Main Engines	2 x Caterpillar 3516C TA HD/D
Total Power	5050 Bkw (6772 Bhp) @ 1800 rpm
Azimuth Thrusters	2x Kongsberg Maritime US255 P30/P35 FP
Propeller diameter	3000 mm
Forced ventilation	80.000 m ³ /h
Exhaust emission	IMO Tier III compliant

AUXILIARY EQUIPMENT:

Generator Sets	2x Caterpillar C4 4TA 400 V, 107 kVA, 50 Hz
General service pumps	2x Azcuc CA 50/3 27 m ³ /h up to 3.4 bar
Oily-bilge water stripping pump	Azcuc CA32/805 10 m ³ /h up to 1.3 bar
Fuel transfer pump	Azcuc MR-41/10 12.0 m ³ /h up to 1.2 bar
Fuel oil purifiers	2x CJC PTU3 27/81 MZ – E2PWZ
Fresh water pressure set	DAB Euroinox 40/50T 70 l/min up to 3.0 bar
Sewage pump	Distrimex B40 6.6 m ³ /h up to 1.5 bar
Sewage treatment plant	Selmar Blue Sea Plus 2500
Cooling System	Box cooling + anti-growth system /keel cooling channels
Clean lubrication oil pump	Azcuc BT-HM 32D4 2.4 m ³ /h up to 6.0bar
Dirty lubrication oil pump	Azcuc BT-HM-32D4 2.4 m ³ /h up to 6.0bar
Hydraulic system	Main engine driven pumps
Oil pollution control	Dispersant pumpset with spraybooms
Fifi set	Main engine driven pump 1200 2400 m ³ /h with water spray
Fifi monitor	1x 1200 or 2x 1200 m ³ /h, water/foam

DECK LAY-OUT:

Anchors	2x 360 kg Pol (High Holding power)
Anchor winches	2x Electrically driven, DMC
Towing winch fore	Hydraulically driven double drum, pull 35 ton up to 10 m/min high speed pull up to 40 m/min, brake 200 ton
Towing winch aft	Hydraulically driven two speed winch with spooling device, pull 30 ton up to 11m/min, slack rope speed up to 40 m/min, 200 ton brake
Capstan aft	Electrically driven, 5 ton at 16 m/min or Ø19m/min
Crane	HS Marine AK 16 HE3, 0.8 t at 11.15m or AK 28/10.3 E3, 1.7 t at 10.30m + winch 2150kg
Fendering	D-fender at sides, cylindrical fender at transom corners, cylindrical and W-block bow fender with water spray

ACCOMODATION:

For max. 10 persons (MLC 2006 compliant) insulated and finished with durable modern linings, acoustical ceiling in the wheelhouse, floating floors and air-conditioned. Captain's cabin, chief engineer's cabin, 4 double crew cabins, galley, mess/ day room, dry store, ships office and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT:

Searchlight	2 x Norselight 2000 W
Radar System	1x Furuno FAR 1518-BB
Satellite compass/GPS	JRC JLR-21
Electronic Chart System	MaxSea TZ Professional
Compass	Cassens & Plath Reflecta 11
Autopilot	Simrad AP-70
Echosounder	Furuno FE-800
Speed log	Furuno DS-85
VHF Radio telephone	2x Cobham Sailor 7222
VHF hand-held	2x Sailor SP3540
Navtex	Furuno NX-900
AIS	Furuno FA-170
SSB	Cobham Sailor 6310
EPIRB	Jotron TRON 60AIS
Sart	Jotron TRON AIS
Remote monitoring	Ready for Damen Triton
Inmarsat C	2 x Furuno Felcom 18
LRIT	Incorporated in the wheelhouse Felcom 18
Anemometer	Gill Instruments GMX500