

ForestWave

Trade Navigator
Trent Navigator
Trito Navigator



Main particulars

Flag	Dutch
Port of registry	Heerenveen
Built	2013, Damen Shipyards
Type	Multipurpose geared tweendecker
Class	Lloyds Register
Ice class	1A Finnish-Swedish Ice Class
IMO nr.	9631371 (Trade Navigator) 9631369 (Trent Navigator) 9631357 (Trito Navigator)

General dimensions

GT/NT	5.667 / 3.048
DWT summer sw	8.102 mts
Draft fully laden sw	7,21 m
Draft ballast fore/aft	3,20 m / 4,65 m
LOA	118,14 m
LPP	112,29 m
Beam	15,90 m
Depth main deck at side	8,80 m
Ballast airdraft	28,50 m
Distance WL/HC	6,50 m (ballast)

Gear

Cranes (portside)	2 x 60 mts, combinable
Outreach, capacity	60 mts (4 - 16 m); 40 mts (3 - 25 m) 34 mts (3 - 28 m)

► No spreader on board. Crane lifting capacity is subject vessel's stability and depends on cargo/ballast on board.

Container data

Intake	360 teu; of which 183 teu on deck
Stack loads	Hold teu 75 mts / feu 75 mts Deck teu 25 mts / feu 48 mts
Reefer plugs	20, on deck

► Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility. Container as well as grain / bale capacity assumes tweendeck ashore.

Tank capacities

HFO	380 cbm (incl day + settling tank)
MGO	196 cbm (incl day + settling tank)
Fresh water	50 cbm
Ballast water	2.990 cbm

Hold particulars

Grain capacity	383.522 cbft (10.860 cbm) 340.000 cbft (9.630 cbm - twd in hold)
Holds / hatches	2/2; boxshaped, open hatch
Hold no 1/2 (Grain)	77.788 / 305.735 cbft (2.203 / 8.657 cbm)
Hold 1 (lxwxh)	7,86 x 13,20 + 11,31 x 7,0 (narr) x 10,05 m
Hold 2 (lxwxh)	63,90 x 13,20 x 10,05 m
Hatch 1+2	19,17 + 63,90 x 13,20 m
Hatch covers	Pontoon
Moveable bulkheads	6 (tweendeck panels used as bulkheads)
Hold ventilation	10 air changes per hour b.e.h.

Tweendeck

Tweendeck	Complete twd, adjustable 3 heights
Height under / above twd	Pos 1: 3,82 / 5,65 m Pos 2: 4,73 / 4,74 m Pos 3: 5,705 / 3,765 m

Capacity area

Tanktop	1.002 sqm
Tweendeck	1.092 sqm
Weather deck	1.157 sqm
Total	3.251 sqm

Strenghts

Tanktop	17 mts / sqm
Tweendeck	3 mts / sqm
Hatch cover	1,75 mts / sqm

Machinery

Main engine	MAK 6M32C - 2.995 kW
Auxiliary engines	3 x 360 kW
Shaft generator	468 kW
Bow thruster	400 kW
Propeller	CPP
Speed / consumption	11,5 kn on 10,5 mts RMG 380
Port consumption	1,5 mts MGO dens max 0,86 (idle) 2,5 mts MGO dens max 0,86 (gear working)

► Speed and consumption figures are calculated basis sailing even keel, on max. bft 3, ds 3 and seawater temperature max. 26 dgrs celsius.

Fuel supplied to be of latest ISO 8217 specs. For trading in any SECA the fuel oil to meet the requirements as per MARPOL Annex VI, regulation 14 and 18.3.

Bunkers shall not be commingled to avoid compatibility problems. Owners are participating in fuel quality testing services, new supplied fuel shall only be used when analysis is known.

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