

# ForestWave

## Tide Navigator Timber Navigator



### Main particulars

Flag	Dutch
Port of registry	Heerenveen
Built	2011, Damen Shipyards
Type	Multipurpose geared tweendecker
Class	Lloyds Register
Ice class	1A Finnish-Swedish Ice Class up to draft of 6,635 m
IMO nr.	9526083 (Tide Navigator) 9532824 (Timber Navigator)

### General dimensions

GT/NT	5.425 / 2.949
DWT summer sw	8.200 mts
Draft fully laden sw	7,20 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 40 mts, combinable
Outreach, capacity	40 mts (3 - 24 m); 32 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	336 teu; of which 165 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	353 cbm (incl day + settling tank)
MGO	183 cbm (incl day + settling tank)
Fresh water	52 cbm
Ballast water	2.943 cbm

### Hold particulars

Grain capacity	371.155 cbft (10.510 cbm)
Holds / hatches	2/2; boxshaped, open hatch
Hold no 1/2 (Grain)	136.490 / 234.665 cbft (3.865 / 6.645 cbm)
Hold 1 (lxwxh)	21,35 x 13,20 + 11,31 x 7.0 (narr) x 9,70 m
Hold 2 (lxwxh)	51,12 x 13,20 x 9,70 m
Hatch 1+2	32,65 + 51,22 x 13,20 m
Hatch covers	Pontoon
Moveable bulkheads	2 bulkheads, 10 positions (tweendeck panels used as bulkhead)
Hold ventilation	10 air changes per hour b.e.h.

### Tweendeck

Tweendeck	Complete twd (except narrowing in hold 1) adjustable 2 heights
Height under / above twd	Pos 1: 3,82 / 5,37 m Pos 2: 4,59 / 4,59 m

### Capacity area

Tanktop	1,010 sqm
Tweendeck	986 sqm
Weather deck	1.167 sqm
Total	3.163 sqm

### Strenghts

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

### Machinery

Main engine	MAK 9M25C - 2970 kW
Auxiliary engines	3 x 280 kW
Shaft generator	Stamford 435 kVA - 348 kW
Bow thruster	300 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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