

ForestWave

FWN Bonafide
FWN Solide



Main particulars

Flag	Dutch
Port of registry	Heerenveen
Built	2006, Damen Shipyards
Type	Multipurpose geared tweendecker, strengthened for heavy cargoes, equipped for carriage of containers
Class	Lloyds Register
Ice class	1A Finnish-Swedish Ice Class
IMO nr.	9321108 (FWN Bonafide) 9321093 (FWN Solide)

General dimensions

GT/NT	7.767 / 3.856
DWT summer sw	10.500 mts
Draft fully laden sw	7,35 m
LOA	145,63 m
LPP	138,62 m
Beam moulded	18,25 m
Depth moulded	10,50 m
Ballast airdraft	32,40 m
Distance WL/HC	7 m (ballast)
TPC	21,50

Gear

Cranes (portside)	2 x 80 mts, combinable
Outreach, capacity	80 mts (6 - 14 m); 60 mts (6 - 19 m); 40 mts (2,5 - 26 m); 32 mts (2,5 - 34 m)

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

Container data

Intake	665 teu total 363 teu (deck) + 302 teu (hold)
Stack loads	Hold - teu 100 mts / feu 140 mts Twd - teu 35 mts / feu 54 mts Deck - teu 28 mts / feu 48 mts
Reefer plugs	60, on deck

► Intake is always subject vessel's stability, trim, permissible weight, no restriction in line of sight.

Tank capacities

HFO	425 cbm (incl day + settling tanks)
MGO	212 cbm (incl day + settling tanks)
Fresh water	76 cbm
Ballast water	4.888 cbm

Hold particulars

Grain capacity	522.825 cbft (14.805 cbm) - w/o twd 497.000 cbft (13.400 cbm) - with twd in hold
Holds / hatches	2/2; boxshaped, open hatch
Hold no 1/2 (Grain)	191.017 / 334.395 cbft (5.409 / 9.469 cbm)
Hold 1 (lxwxh)	38,95 x 13,15 x 11,05 m 29,52 m (without narrowing)
Hold 2 (lxwxh)	65,41 x 13,15 x 11,05 m 61,20 m (without narrowing)
Hatch 1+2	38,95 + 65,41 x 13,15 m
Hatch covers	Pontoon, 16 pcs
Moveable bulkheads	8 (twd used as bulkheads)
Hold ventilation	10 air changes per hour b.e.h.

Tweendeck

Tweendeck	Complete twd (except narrowing in hold 1)
Panels (lxwxh)	5,45 x 13,09 x 0,66 m (17 panels)
Height under / above twd	5,25 m / 5,14 m

Capacity area

Tanktop	1,327 sqm
Tweendeck	1.218 sqm
Weather deck	1.408 sqm
Total	3.953 sqm

Strenghts

Tanktop	18,0 mts / sqm
Tweendeck	3,50 mts / sqm
Hatch cover	1,75 mts / sqm

Machinery

Main engine	MAK 9M32C - 4.320 kW at 600 rpm
Auxiliary engines	Caterpillar 3406 - 3 x 260 kW
Shaft generator	680 kW
Bow thruster	650 kW / 870 hp
Propeller	CPP
Speed / consumption	12 kn on 14,5 mts basis RMG 380
Port consumption	1,5 mts MGO DMA dens max. 0,86 (idle) 2,5 mts MGO DMA dens max. 0,86 (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

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