

ForestWave

FWN Atlantic / FWN Arctic
FWN Antarctic / FWN Adriatic



Main particulars

Flag	Dutch
Port of registry	Rotterdam / Groningen
Built	2023-2025, Ferus Smit Shipyard, Germany
Type	General cargo ship, equipped for heavy cargo, Green Passport EU, unrestricted navigation; AUT-UMS, geared, tweendeck, allowed to steam/discharge with open hatches at sea
Class	Bureau Veritas
Ice class	1A Finnish-Swedish Ice Class
IMO nr.	9931472 (FWN Atlantic) 9931484 (FWN Arctic) 9970521 (FWN Antarctic) 9970533 (FWN Adriatic)

General dimensions

GT/NT	8.360 / 4.276
DWT summer sw	12.500 mts / 8.620 mts bss open top
Draft fully laden sw	7,60 m / 6,00 m open top
LOA	143,78 m
LPP	140,86 m
Beam moulded	18,00 m
Depth moulded	10,25 m

Gear

Cranes (portside)	2 x 85 mts, combinable
Outreach, capacity	85 mts at R 23 m; 65 mts at R 26 m; 50 mts at R 33,5 m

► Spreader on board. Crane lifting capacity is subject vessel's stability and depends on cargo/ballast on board.

Container data

Intake	550 teu
Stack loads	Hold teu 50 mts / feu 50 mts Deck teu 35 mts / feu 54 mts

► Intake is always subject vessel's stability, trim, permissible weight, no restriction in line of sight. If loading to be done by ship's cranes intake will be at least 35x20ft less.

Tank capacities

MGO / biofuel capacity	605 cbm (incl day + settling tanks)
MGO	235 cbm (incl day + settling tanks)
Fresh water	50 cbm
Ballast water	5.830 cbm

Hold particulars

Grain capacity	538.000 cbft (15.234 cbm) - w/o twd 935 cbm deductible for twd
Holds / hatches	1/1; box shaped, open hatch, open top
Hold (lwxh)	LH 100,32 / TD 112,17 x 13,50 x 10,70 m
Hatch	124,02 x 14 m
Hatch covers	Pontoon
Bulkheads	2 pcs (4 tweendeck panels used as bulkhead)
Elec. ventilation	6 air changes per hour b.e.h.

Tweendeck

Tweendeck	Complete tweendeck, total 19 panels
Panels (lwxh)	Panels 01-18: 5,29 x 13,40 x 0,70m lwh Panel 19: 4,53 x 13,40 x 0,70 m lwh
Height under / above twd	Position 1: 6,90 / 3,10 m Position 2: 5,36 / 4,64 m Position 3: 3,10 / 6,90 m

Capacity area

Tanktop	1.365 sqm
Tweendeck	1.525 sqm
Weather deck	1.730 sqm
Total	4.620 sqm

Strenghts

Tanktop	20 mts / sqm non-uniform; 15 mts / sqm uniform
Tweendeck	3,50 mts / sqm
Hatch cover	2,40 mts / sqm

Machinery

Main engine	Wärtsilä 6L32E - 3.300 kW at 750 r.p.m.
Bow thruster	720 kW
Propeller	CPP in nozzle 3,85 m
Speed / consumption	13,5 kn on 12,5 mts + 0,6 mts urea in NECA zones
Grade	MGO (mv FWN Atlantic & mv FWN Arctic) RMG 380 (mv FWN Antarctic & mv FWN Adriatic)
Port consumption	1,5 mts MGO (idle) / 2,5 mts MGO (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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