

ForestWave

FWN Sea / FWN Sky
FWN Space / FWN Spirit
FWN Star / FWN Sun



Main particulars

Flag	Dutch
Port of registry	Rotterdam
Built	20015 - 2018, Ferus Smit, Germany
Type	General cargo ship - occasional dry bulk cargo; container ship; unrestricted navigation; geared; tweendeck; allowed to steam with open hatches
Class	Bureau Veritas
Ice class	1A Finnish-Swedish Ice Class
IMO nr.	9721657 (FWN Sea) 9721633 (FWN Sky) 9735232 (FWN Space) 9735220 (FWN Spirit) 9721645 (FWN Star) 9721669 (FWN Sun)

General dimensions

GT/NT	6.749 / 3.408
DWT summer sw	10.546 mts / 7.120 mts bss open top
DWT winter	10.228 mts
Draft fully laden sw/winter	7,818 m / 7,655 m; 6,013m open top
LOA	122,50 m
LPP	119,58 m
Beam moulded	17,00 m
Depth moulded	10,70 m
Ballast airdraft	42,51 m / 37,49 m; antenna lowered
Distance WL/HC	11,25 m minus actual draft
TPC	19,50
Suez GT / NT	7.056 / 5.990
Panama NT	6.093

Gear

Cranes (portside)	2 x 85 mts, combinable, with spreader
Outreach, capacity	85 mts at R 18 m 65 mts at R 22 m 50 mts at 28 m

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

Container data

Intake	436 teu / 196 feu total Hold 165 teu / 75 feu Deck 271 teu / 121 feu
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.

Hold particulars

Grain capacity	429.110 cbft (12.151 cbm) - w/o twd 734 cbm to be deducted for twd
Holds / hatches	1/1; box shaped, open hatch, open top
Hold (lxwxh)	LH 79,04 / TD 90,74 x 13,50 x 10,70 m
Hatch	90,74 x 13,50 m
Hatch covers	Pontoon
Bulkheads	2 (4 tweendeck panels used as bulkhead)
Elec ventilation	6 air changes per hour b.e.h.

Tweendeck

Tweendeck	Complete twd; 15 panels
Panels (lxwxh)	Panels 1-10 & A+B(x2): 5,29 x 13,45 x 0,70 m Panel C: 4,53 x 13,40 x 0,70 m
Height under / above twd	Pos 1: 6,90 / 3,10 m Pos 2: 5,36 / 4,64 m Pos 3: 3,10 / 6,90 m

Capacity area

Tanktop	1.067 sqm
Tweendeck	1.226 sqm
Weather deck	1.413 sqm
Total	3.706 sqm

Strenghts

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

Tank capacities

MGO	785 cbm (incl day and settling tanks)
Fresh water	51 cbm
Ballast water	4.488 cbm

Machinery

Main engine	MAK 6M32 - 2.999kW at 600 r.p.m.
Bow thruster	573 kW
Propeller	CPP in nozzle 3,95 m
Speed / consumption	12 kn on 12,50 mts RMG 380
Port consumption	1,5 mts MGO (idle) / 2,5 mts MGO (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.

mv FWN Sea & mv FWN Sun are equipped with an EGCS.

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