



# Schulte & Bruns

Nederland BV

52° 57' 23" 5° 56' 70"



**FWN ATLANTIC**

**FWN ARCTIC**

**FWN TBN1**

**FWN TBN2**

## MAIN PARTICULARS:

Flag	: Netherlands
Port of registry	: Rotterdam
Built:	: 2023/2024, Ferus Smit Shipyard, Germany
Type	: Class 1 HULL MACH, general cargo, heavy cargo, Green Passport, unrestricted navigation; AUT-UMS, geared, tween deck, 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 Artic)



## HOLD PARTICULARS:

Grain capacity	: 538.000 cbf (15.234 cbm) – w/o tween deck
	: 935,65 cbm deductible for tween deck
Holds/hatches	: 1/1; box shaped, open hatch, open top
Hold (LxBxH)	: LH 100,32/ TD 112,17 x 13,50 x 10,70 m
Hatch	: 124,02 x 14 m
Hatch covers	: pontoon (17x)
Bulkheads	: 2 bulkheads (4 tween deck panels)
El. ventilation	: 6 air changes/hr b.e.h.

## TWEENDECK:

Tween deck	: complete tween deck, total 19 panels
Panels LxBxH	: Panels 01-18: 5,29 x 13,40 x 0,70 m 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

## GENERAL DIMENSIONS:

GT/NT	: 8360 / 4880
DWT summer sw	: 12500 mts / 8620 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

## AREA AVAILABLE

Tank top	: 1.365 m <sup>2</sup>
Tween deck	: 1.525 m <sup>2</sup>
Weather Deck	: 1.730 m <sup>2</sup>
Total	: 4.620 m <sup>2</sup>

## GEARS:

Cranes (portside)	: 2 x 85 mts, combinable with ship's own 17m spreader beam
Outreach, capacity	: 85 mts at R 23 m; 65 mts at R 26 m; 50 mts at R 33,5 m

## DECK STRENGTH:

Tank top strength	: 20 mts/m <sup>2</sup> non-uniform; 15 mts/m <sup>2</sup> uniform
Tween deck strength	: 3,50 mts/m <sup>2</sup>
Hatch cover strength	: 2,40 mts/m <sup>2</sup>

## CONTAINER DATA:

Container intake	: tba
Max loads	: Hold TEU/FEU 50/50 mts (stack) Tween deck no stacking position Deck TEU 35 mts / FEU 54 mts (line)

## MACHINERY:

Main engine	: Waertsila 6L32E – 3.300 kW at 750 r.p.m.
Bow thruster	: 720 kW
Propeller	: CPP in nozzle 3,85 m

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

## TANK CAPACITIES (bss 100% filling):

MDO/Biofuel capacity	: 605 cbm (incl day and settling tanks)
MGO	: 235 cbm (incl day and settling tanks)
Fresh water	: 50 cbm
Ballast water	: 5830 cbm