



Schulte & Bruns

Nederland BV

52° 57'23" 5° 56'70"



FWN BONAFIDE
FWN RAPIDE
FWN SOLIDE
FWN SPLENDIDE

MAIN PARTICULARS:

Flag	: Netherlands	
Port of registry	: Heerenveen	
Built:	: 2005-2006, 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) : 9320520 (FWN Rapide) : 9321093 (FWN Solide) : 9320518 (FWN Splendide)	

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	: 138,82 m
Beam	: 18,25 m
Depth moulded	: 10,30 m
Ballast air draft	: 32,40 m
Distance wl/hc	: abt 7 m (ballast)
TPC	: 21,50

GEARS:

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

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

DECK STRENGTH:

Tanktop strength	: 18,0 mts / sqm
Tweendeck strength	: 3,50 mts/ sqm
Hatchcover strength	: 1,75 mts / sqm

CONTAINER DATA:

Container intake	: 665 TEU total 363 TEU (deck) + 302 TEU (hold)
Stack loads	: hold - TEU 100 ts/ FEU 140 ts (tw'd - 35/54 ts resp) deck - TEU 28 ts/ FEU 48 ts

Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility.

TANK CAPACITIES:

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

HOLD PARTICULARS:

Grain capacity	: 525.412 cbft (14.878 cbm) –w/o twd
	: 497.000 cbft - with twd in hold
Holds/hatches	: 2/2; boxshaped, openhatch
Hold No 1 / 2 (grain)	: 191.017 /334.395 cbf (5.409/9.469 cbm)
Hold 1 (LxBxH)	: 38,95 x 13,15 x 11,05 m (29,52 m without narrowing)
Hold 2 (LxBxH)	: 65,41 x 13,15 x 11,05 m (61,20 m without narrowing)
Hatch 1+ 2	: 38,95 + 65,41 m x 13,15 m
Hatch covers	: pontoon, 17 pcs
Moveable bulkheads	: 8 bulkheads
Hold ventilation	: 10 air changes per hour
Reefer plugs	: 60, on deck only

TWEENDECK:

Tweendeck	: complete twd (except narrowing in hold 1)
Panels LxBxH	: 5,45 x 13,15 x 0,66 m (17 panels)
Height under td/above td	: 5,25 m / 5,14 m

CAPACITY AREA:

	: Total 3.953 m2
Tanktop	: 1.327 m2
Tweendeck	: 1.218 m2
Deck	: 1.408 m2

MACHINERY:

Main engine	: MAK 9M32C – 4.320 kW at 600 r.p.m.
Auxiliary engines	: Caterpillar 3406 C - 3 x 260 kW
Shaft generator	: 680 kW
Bow thruster	: 650 kW / 870 HP
Propeller	: CPP

Main engine outside Seca: HFO – ISO8217:2010e – Category ISO/F – RMG 380
Main engine inside Seca: MGO – ISO8217:2010e – Category ISO/F – DMA
Aux engines: MGO – ISO8217:2010e – Category ISO/F – DMA dens max 0.86

Vessel is not equipped with an EGCS. For trading in any SECA the fuel oil to meet the requirements as per MARPOL Annex VI, Regulation 14 and regulation 18.3.

Bunkers shall not be comingled to avoid compatibility problems. Owners are participating in Fuel Quality Testing Services, any new delivered fuel shall only be used when the analysis is at hand. Bunkers to be planned accordingly.

Speed and consumption figures are "about" and calculated basis sailing even keel on max Beaufort 3/ DS 3 and seawater temperature max 26 C.

No MGO at sea provided shaft generator connected except if hold ventilation is used, reefers connected and in case of emergency and/or maneuvering in/out of ports and when navigation in shallow, narrow or other constraint waters.