

WSD80 4000 4000TEU CONTAINER FEEDER



TECHNICAL SPECIFICATION

Length over all, approx..... 224.8 m
 Deadweight, max..... 54,000 DWT
 Gross Tonnage 41,200 GT
 Net Tonnage 17,800 NT

Design Speed 16.2 knots
 Operation "Worldwide"

Main engine..... 2-stroke Wärtsilä
 1 x 18,200 kW W6X72

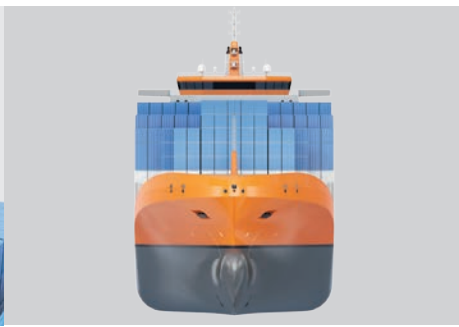
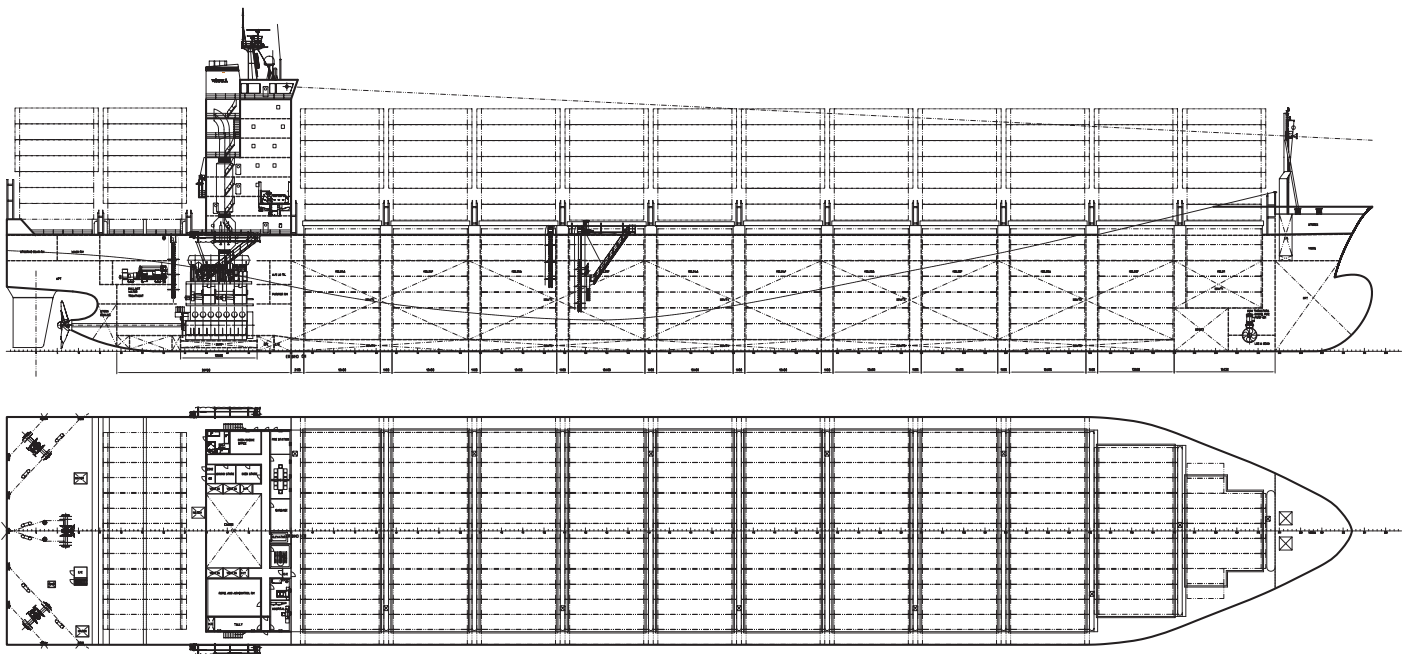
Container capacity4,010 TEU
 Reefer capacity.....752 FEU

ME Daily fuel oil cons.
 Design draught, approx..... 35.4 t

DESIGN HIGHLIGHTS

- Wärtsilä integrated solution
- Spaces for SCR & Scrubber ready
- Superior hull lines, CFD optimized
- Low fuel oil consumption, high propulsive efficiency
- High homogeneous container intake
- Economical and friendly operation
- Flexible container stowage
- Ballast Water Treatment Plant compliant with the latest MARPOL V
- Latest rules and regulations for container feeder
- Comply with EEDI Phase 3 acc. to MEPC.203(62)





MAIN DIMENSIONS

Length over all, approx.	224.80 m
Length PP	213.80 m
Breadth moulded	37.50 m
Depth to main deck	19.10 m
Draught, design	11.00 m
Draught, scantling	12.50 m
Deadweight (T= 12.50 m)	54,000 t

SERVICE SPEED & ENDURANCE

Max. Speed	19.2 knots
Service Speed.....	16.2 knots
Eco Speed.....	15.1 knots
Endurance, approx.	24,200 nm
(service speed, design draught, with 15% SM, no Reefers)	

TANK CAPACITY

HFO capacity, approx.	3,000 m ³
MDO capacity, approx.	380 m ³
FW capacity, approx.	500 m ³
Ballast capacity approx.	18,000 m ³

STACK WEIGHT

Hatch cover 20'/40'	70t/105 t
In holds 20'/40'	150t/180 t
Hatch cover 45'/48'/49'	95 t
Lashing bridge arranged at all bays	

CONTAINER CAPACITY

Container position	
On Deck	2,396 TEU
In Hold	1,614 TEU
Total	4,010 TEU

Reefer plug position (on deck/in hold)	267/485 FEU
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Dangerous cargos in all of cargo holds

Container intake at Design draught	
HOMO 11t/TEU.....	3,324 TEU
HOMO 14t/TEU	2,820 TEU

Container intake at Scantling draught	
HOMO 11t/TEU	3,645 TEU
HOMO 14t/TEU	3,194 TEU
Based on ISO standard container, a rel. VCG of 45%	

ACCOMMODATION

26 persons full HVAC in single cabins, plus one Suez Crew cabin for 6 Suez

E-PLANT 230 V/450 V

Power	450 V, 60 Hz
Lighting	230 V, 60 Hz
Automation	230 V, 60 Hz / 24 VDC

MACHINERY

Main engine (6X72), MCR	18,200 kW
NCR (50% MCR)	9,100 kW
Generator sets	2 x 1,055 + 2 x 2,495 kW
Emerg. generator	1 x 200 kW
Bow thrusters	1 x 1,200 kW
Propeller.....	1 x FPP, dia. 7,800 mm

FUEL CONSUMPTION, DESIGN DRAUGHT

Service speed, no reefers	39.5 t/day
Service speed, all reefers	58.9 t/day
Eco speed, all reefers.....	52.3 t/day

PERFORMANCE, SERVICE SPEED, SCANTLING DRAFT

ME FOC 14t/TEU [g/TEU/nm].....	28.9
ME FOC 11t/TEU [g/TEU/nm].....	25.3

CLASSIFICATION

LR +100A1, Container Ship, ShipRight (SDA, FDA, CM, ACS(B)), *IWS, LI, BoxMax(V,W), ECO(BWT, EEDI-3, IHM), +LMC, UMS, NAV1, with descriptive notes: "ShipRight(BWMP(T), SERS, SCM), CSA"

Or equivalent

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