



BUILT

2009 (14,000 TEU Class)

YARD

Daewoo Shipbuilding &
Marine Engineering Co., Ltd.

HULL NO.

4178

MAIN PARTICULARS

Length over all	abt.	365.50 m
Length between perpendiculars		349.50 m
Breadth moulded		51.20 m
Depth to main deck		29.90 m
Draught, scantling (Ts)		16.00 m
Draught, design (Td)		14.00 m

Deadweight at Td	abt.	133,000 T
Deadweight at Ts	abt.	165,300 T
Service speed at Td	abt.	24.1 kn
Sea margin		15%
Cruising range		25,000 NM

Class: GL, +100A5, CONTAINER SHIP, +MC,
AUT, IW, SOLAS II-2 Reg.19, NAV-O, RSD
STAR, Environmental Passport, BWM-S

COMPLEMENT

Crew of 30 p

MAIN ENGINE

MAN B&W		12K98MC-C7
MCR	72,240 kW x 104.0 rpm	
NCR	65,020 kW x 100.4 rpm	
D.F.O.C at NCR	abt.	262.20 T/d

TANK CAPACITY

Heavy fuel oil	abt.	13,500 m ³
Marine diesel oil	abt.	400 m ³
Fresh water	abt.	400 m ³
Ballast water	abt.	48,000 m ³

CONTAINER CAPACITY

With max. number of containers
(IMO visibility guidance)

On deck	abt.	7,572 TEU
In hold	abt.	6,428 TEU
Total	abt.	14,000 TEU

Homo. 14 MT/TEU at Ts	abt.	10,640 TEU
Reefer Container	1,000 FEU on deck	
	(900 FEU in port manoeuvring operation)	

HULL STRUCTURE

Steel material: Mild steel and higher-tensile
steel of up to HT 40
TMCP steel
Vertical supporting system for T/BHD

PAINTING

W.B.T.: Tar free epoxy
Cargo hold: Epoxy primer, Epoxy finish
Side shell: Tin free self-polishing anti-fouling

CARGO HATCH COVER

Type: Pontoon type with non-metallic
low friction bearing pad
(total 20 hatches)

Stack weight: 90 tons for 20',
140 tons for 40/45'

Panel weight: Max. 43,5 tons of each panel
(including container loose fittings)

CONTAINER SECURING

In hold: Cell guide for up to 40'
(2 x 20' up to 10 tiers from tank top)

On deck: Rod lasing with twist lock

DECK MACHINERY

Bow thruster: 2 x 1,800 kW, El. CPP type
Steering gear: 1 x El.-hyd., 2.ram-4cyl. type
Windlass/mooring winch: 2/10 x El. type
Engine spare handling: 1 x 13 tons(SWL) crane

Monorail type
Provision crane: 2 tons, 4 tons(SWL),
Cylinder luffing type

BALLAST SYSTEM

Ballast & bilge pump: 2 x 1,000m³/h x 30mTH

STEAM GENERATION

Aux. boiler: 1 x 6,000 kg/h x 7 bar g
Exh. gas boiler: 1 x 4,500 kg/h x 7 bar g

ELECTRIC POWER GENERATION

Diesel generators 4 x 3,840 kW
Emergency generator 1 x 550 kW