



916 TEU Container Vessel (KEH MARK 900)

General Information:

The vessel was developed for the German owner Herman Buss and was ordered at a Chinese Shipyard and delivered in 2004. The unique feature for this vessel is the high intake and speed compared to the size of the vessel (GT).

Main Particulars:

Length o.a. (approx.)	138.00 m
Breadth moulded	22.60 m
Depth	11.80 m
Draught	8.00 m
Maximum draught	8.80 m

DWT at design draught	9600 t
DWT at max. draught	11500 t

Capacity:

Container capacity	Hold	Deck	Total
20' TEU	301	615	916
40' FEU + 20' TEU	143+15	289+52	
438+56			

Homogeneous loading 14 t / TEU	580 units
Reefer container capacity	257 units

Speed:

Speed on design draught	18.80 kn
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Propulsion:

Diesel	
Main engine output	9450 kW
Aux. engines	3 x 930 kW at 1000 rpm

Miscellaneous:

Classification	Germanischer Lloyd
Identification number	KEH 01030.02
Number of vessels on order	7

Scope of work:

- Conceptual and contract design including:
 - Optimisation of main dimension
 - General arrangement
 - Building specification
 - Midship section
 - Lines plan including stability calculations

