



# 8600 ton Payload Paper Carrier

### General Information:

The vessel was designed for an undisclosed owner, for tendering purposes. The vessel was designed for STORO transport and was designed for a very fast and easy turn around. The vessel was designed to meet the strictest rules and regulations with respect to environmental aspects and was therefore fitted with SCR units. Furthermore great attention has been addressed the future life of the vessel and therefore the vessel has been designed with a strong focus on the flexibility of the vessel. The design did not materialise into a contract.

### Main Particulars:

Length o.a.	175.00 m
Length p.p.	160.00 m
Breadth moulded	25.45 m
Depth to main deck	8.80 m
Design draught (approx.)	6.70 m
Deadweight	10300 t

### Capacity:

Volume (covered cargo decks)	23900 m <sup>3</sup>
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### Speed:

Service speed (85 % MCR and 15 % Sea margin)	18.0 / 20.0 kn
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### Propulsion:

Diesel propulsion	
Main engines	1 x Wärtsila 12V46
Installed power	10800 kW + booster (Total 15300 kW)

### Miscellaneous:

Classification	Norske Veritas
Number of vessels built	- NA -
Identification number	KEH 00074

### Scope of Work:

The following work was carried out by Knud E. Hansen A/S :

- Outline design, including :
  - Optimum dimensions
  - General arrangement
  - Tender Specification
  - Environmental aspects
  - Hull lines
  - Hydrostatics & stability
  - Weight calculation
  - Speed & Power prediction & Fuel consumption estimate
  - Misc. tech. calculations

