

M² Runner Oceanic

Project Cargo vision turned into reality

Design description: 3500 TDW Hartman M² Runner
Vessel name: MV 'Oceanic'
Owner: Global Seatrade BV, Urk, The Netherlands
Builder: Hartman Marine BV, Urk, The Netherlands



Flexibility, (fuel) efficiency and a maximization of the deck area were the leading aspects to be taken into account in the design of the Hartman M² runners. Recently the MV 'Oceanic' - the first of this series - has been delivered to her owner Global Seatrade.

In close cooperation with Hartman Marine BV, Conoship International BV developed the Hartman M² Runner, a flexible and spacious project cargo vessel for the short sea project market. With a total hold volume of 219,000 cuft and a free deck area of more than 1300 m², the vessel is 'oversized' compared to conventional 3500 tdw vessels. In fact, the hold capacity and deck area of the M² Runners are almost comparable to the capacities of a 6000 dwt general cargoes vessel.

With the M² Runner, Hartman Marine and Global Seatrade meet the changing needs of the project cargo market. More and more offshore plants and offshore windmill parks are constructed in

deeper waters, remote areas and harsh environments, requiring larger transport volumes and a need for more flexible vessels, capable of transporting larger parts or components in one-piece. Even more than in the past, shipping of project cargoes will be dominated by available deck area and hold volume.

Open top

After extensive tank testing at MARIN, the M² Runner received permission from the Authorities to sail "open top". This enables worldwide operations without hatchcovers closing the hold and provides the possibility to transport very large and high parts. "Open-top" operations are usually not feasible with vessels of this size, but only permitted

with vessels much larger than the Hartman M² Runner.

The Hartman M² Runner is also an environmentally friendly vessel. Featuring an integrated nozzle and a relatively large propeller, the Hartman M² Runner is a very fuel efficient vessel. With an installed power of 1200 kW, a service speed of about 12 knots is reached.

PRINCIPAL PARTICULARS

Length over all	92.90 m
Length between p.p.	84.99 m
Breadth moulded	14.00 m
Breadth max.	15.00 m
Depth	10.00 m
Draught (summer)	5.00 m
Deadweight	3500 ton
Gross tonnage	2979 GT
Main engine	1200 kW
Speed (service)	12.0 kn

CARGO CAPACITIES

Hold dimensions:

Lower	53.90 x 12.00 x 3.20/3.90 m
Upper	69.30 x 12.50 x 4.60/3.90 m

Tank top area	635 m ²
Tweendeck area	830 m ²
Deck length x breadth	90 x 15 m
Deck area	1300 m ²
Cargo hold capacity	219200 cb.ft.
Container cap.	105 hold - 199 deck TEU

