

# “MHO FAST” (WSC Speed 1)



## Vessel Specifications

Build	2023
Shipyard	Umoe Mandal AS
Flag	Danish
CLASS	DNV
Trade area	Near Costal areas
Length O.A.	27.5 m
Beam	10.4 m
Max draft	2.0 m
Air draft	15.2 – 12.8 m
Bow fender height	4.3 m
GT	197
NT	59
IMO No.	9996379
Call Sign	OZHD2
MMSI	219031856
E-mail	<a href="mailto:Mho-fast@mho-co.dk">Mho-fast@mho-co.dk</a>
Telephone	+44 7424651508
Satellite Phones	N/A

## Performance

Max speed	47 knots
Service speed @ 21 l/nm	38 knots
Range @ 25kn & 11 m <sup>3</sup> fuel	720 nm

## Crew and IP facilities

Crew	3-4
Beds	0
IP capacity	24
Suspension Seats	24 x business class reclinable seats
Seating area	Saloon
Accessibilities	Toilets, A/C, Wi-Fi, 2 x TV for Safety Videos
Pantry	Yes
Refrigerator	Yes

## Capacities

Ship tanks	2 x 5.4 m <sup>3</sup>
Cargo tanks	N/A
Fresh water	1000 L
Sewage	1.0 m <sup>3</sup> Gray 1.0 m <sup>3</sup> Black
Deck capacity	4 ton
Forward deck area	26 m <sup>2</sup>
Deck load	1.0 ton/m <sup>2</sup>
Total deck area	40 m <sup>2</sup>
Container fittings	N/A

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## Deck equipment

Crane (Optional)	N/A
Fuelling	N/A
Pump capacity	N/A
Pressure washer	BOSCH UniversalAquatank 130
Deck output	1 x 380V
Moonpool	N/A

## Engines

Main	4 x Scania DI16 076M 809 kW
Auxiliary	2 x John Deer 57 kW
Gear boxes	2 x Kumera KMG-306
Water Jets	2 x MJP 650 CSU
Bow thrusters	N/A
Lift fan engines	2 x Scania DI13 078 M 405 kW



**6 Maximum cargo capacity with distribution**

Maximum total cargo: 4 tons

Maximum deck load distribution:

Stern cargo area:	0.6 t/m <sup>2</sup>	(yellow on drawing)
Main cargo area:	1.5 t/m <sup>2</sup>	(green on drawing)
Forward area:	0.6 t/m <sup>2</sup>	(yellow on drawing)

On completion of loading of the craft and prior to the departure on a voyage the master shall determine the trim and stability of the craft and also ascertain and record that the craft is in compliance with stability criteria of the relevant requirements.

## Navigation equipment

Radar 1	1 x FURUNO FAR 1518 HSC Radar
ECDIS	1 x Furuno FMD 3100
VHF	2x Sailor 6210 VHF
MF/HF	Sailor 6310 MF/HF
AIS	Furuno universal FA-170
Sat Compass	FURUNO SC-50
Magnetic compass	Cassens & Plath Type 11
GPS	FURUNO GP-170
Echo sounder	FURUNO FE-800
Navtex	FURUNO NX-700 B
Speed log	Furuno DS-85
Autopilot	SIMRAD AP70
Motion dampening	HydroTab FX 1000

## Bridge control

Manoeuvring	***
Navigation lights	***
Monitoring	CCTV with 8 cameras
BWA	ALPHATRON Alpha BNWAS

## Charter facilities

On bridge	Sofa and workstation
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