

MHO FALCON



Vessel Specifications

Material	Aluminium
Type	Ais cushion catamaran
Build	2017
Shipyards	Umoe Mandal AS
Flag	Danish
CLASS	DNV
Trade area	Near Costal areas
Length O.A.	27.1 m
Beam	10.4 m
Max draft	3.2 m
Air draft	15.2 – 12.8 m
Bow fender height	4.3 m
GT	216.2 t
NT	64.9 t
IMO No.	9759410
Call Sign	OYJX2
MMSI	219213000
E-mail	mho-falcon@mho-co.dk
Telephone	+45 746 689 1505
Satellite Phones	

Performance

Max speed	42 knots
Service speed @ 21 l/nm	38 knots
Range @ 25kn & 11 m ³ fuel	720 nm

Crew and IP facilities

Crew	3-6
Beds	2
IP capacity	24
Suspension Seats	Air dampened recline seats w/ 2-point seat belt
Seating area	Saloon
Accessibilities	Toilets, A/C, Wi-Fi, 2 x TV for Safety Videos
Pantry	Yes
Coolers	Yes

Capacities

Ship tanks	2 x 5.4 m ³
Cargo tanks	N/A
Fresh water	1600 L
Sewage	1.0 m ³ Gray 1.0 m ³ Black
Deck capacity	4 ton
Forward deck area	26 m ²
Deck load	1.0 ton/m ²
Total deck area	40 m ²
Container fittings	2 x 20ft / 4 x 10ft

MHO-Co A/S • Havnigevej 39 • DK-6700 Esbjerg • VAT/CVR: DK37454427
(+45) 53 70 46 45 • info@mho-co.dk • www.mho-co.dk



Deck equipment

Crane (Optional)	SWL 480kg @ 5.7 m
Fuelling	250 l/min
Pump capacity	2 x 7 m ³ /h
Pressure washer	BOSCH UniversalAquatak 130
Deck output	1 x 380V
Moonpool	N/A

Engines

Main	2 x MTU Friedrichshaven 1440 kW
Auxiliary	2 x Perkins 75 kW
Gear boxes	2x Scania CV AB 405 kW
Water Jets	2 x MJP 650 DD
Bow thrusters	N/A
Lift fan engines	2 x 405 kW Scania



6 Maximum cargo capacity with distribution

Maximum total cargo: 4 tons

Maximum deck load distribution:

Stern cargo area:	0.6 t/m ²	(yellow on drawing)
Main cargo area:	1.5 t/m ²	(green on drawing)
Forward area:	0.6 t/m ²	(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 x FURUNO X-band
Radar	1 X FURUNO S-band
ECDIS	Wartsila Navi Sailor 4000
VHF	2x Sailor VHF (6222;6215)
MF/HF	Sailor 6301 MF/HF
AIS	Furuno universal F-150
Sat Compass	FURUNO GP-150
GPS	FURUNO
Echo sounder	FURUNO FE-800
Navtex	FURUNO NX-700
Speed log	SKIPPER EML224
Autopilot	SIMRAD AP
Motion dampening	Humphree Active Ride Control

Bridge control

Manoeuvring	***
Navigation lights	***
Monitoring	CCTV with 15 cameras
BWA	ALPHATRON Alpha BNWAS

Charter facilities

On bridge	Sofa and workstation
-----------	----------------------



