

50m Sailing Yacht

General

Yard No	-
Type	Ketch
Naval Architect	ARK YACHT
Technical Consultant	ARK YACHT
Interior Styling	ARK YACHT
Builder	ARK YACHT

Principal Dimensions & Main Specifications

Length overall (L _{OA})	50.00m / 164.00ft
Length waterline (L _{WL})	42.70m / 140.05ft
Breadth (moulded) (B)	10.00m / 32.80ft
Draft (T) (with keel)	3.95m / 12.95ft
Displacement (Δ)	340 ton
Speed max. (V)	11 knots
Passenger	24
Crew	4+1
Class	upon request

Technical Information

Construction

Hull Material	Steel
Structure Material	Steel

Main engine

2 x 455 HP

Steering system

Hydraulically operated steering system
1 x Main steering position in the wheelhouse
1 x Steering position on Flybridge

Gearbox

Twindisc or ZF

Tank capacities

Fuel	12500 ltr
Fresh water	10000 ltr
Gray water	6000 ltr
Black water	3550 ltr

Propeller & Installation

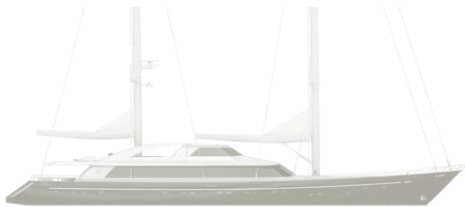
4-blades propeller

Generators

40 kVa + 24 kVa

Bow thruster

Hydraulic thruster



Deck equipment

Exterior cockpit
Sunbathing area for 8-10 persons
Sun tent
Electrohydraulic windlass
Stainless steel, hydraulic gangway
Electrohydraulic steer
Hydraulic system unit

Boiler

2 x 120 lt

Watermaker- Waste treatment system

160 lt / h
2500 lt /day

Air-conditioning

Central

Standard equipment

CO2 Fire extinguish system in engine room
Bilge & fire pumps
Noise & Fire Insulation

Navigation equipment

Navigation system
Radar – charts
GPS – AIS
Gyro compass
Navtex receiver

Communication equipment

VHF
SSB
Satcom F
Satcom-C
Telephone exchange
GSM

Sail equipment

Sail winches
Furlings

Electrical details

Separate electric systems of 220V and 24V fed by gensets and batteries.
Shore connection of 220V.
Inverter and battery chargers.
24V lighting system and 220V sockets in all accommodation areas.
Navigation lights.