

Chronos

Year: 2013

General

Yard No	SCH-ARK-481
Type	Classical Schooner
Naval Architect	ARK YACHT
Technical Consultant	ARK YACHT
Interior Styling	ARK YACHT
Builder	ARK YACHT

Principal Dimensions & Main Specifications

Length overall (L _{OA}) inc. bowsprit	54.00m / 177.12ft
Length hull (L _H)	48.00m / 157.44ft
Length waterline (L _{WL})	41.21m / 135.17ft
Breadth (moulded) (B)	9.70m / 31.81ft
Depth amidship (D) without keel	4.25m / 13.94ft
Draft (T) with keel	4.30m / 14.10ft
Displacement (Δ)	335 tons
Speed max. (V)	12 knots
Passenger	35
Crew	10
Class	RINA + CCV (Commercial Cruising Vessels)

Technical Information

Construction

Hull Material	Steel
Structure Material	Steel

Main engine

VOLVO D13 600 HP 1900 RPM

Steering system

Electro hydraulic steering gear HDM 3000
1 x Main steering position in the wheelhouse
1 x Steering position on the deck

Gearbox

Twindisc 3:1

Tank capacities

Fuel	19140 ltr
Fresh water	10640 ltr
Gray water	6720 ltr
Black water	5800 ltr

Propeller & Installation

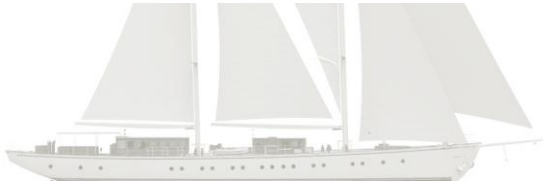
120cm 4-blades propeller

Generators

2 x KOHLER 40kVa 50 Hz + 1 x ONAN 27kVa

Bow thruster

Hydraulic bow thruster



Deck equipment

Exterior cockpit
Storages around the superstructure
Sun tents
Electro hydraulic windlass
Stainless steel gangway
2x120m galvanized chain & iron
Electro hydraulic steer
Hydraulic system unit

Boiler

2 x 100 lt Horizontal type
380V A/C 1.5kW

Watermaker

2 x SELMAR SY 213
110lt/hour 220V A/C

Air-conditioning

CONDARIA air-condition chiller unit

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

Antal sail winches
Bamar 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.