

J-CLASS 401

General

Yard No	TRDSAIL-ARK-401
Type	Classical Sailing Yacht - J Class
Naval Architect	ARK YACHT
Technical Consultant	ARK YACHT
Interior Styling	ARK YACHT
Builder	ARK YACHT

Principal Dimensions & Main Specifications

Length overall (L _{OA})	40.00m / 131.20ft
Length waterline (L _{WL})	28.38m / 93.08ft
Breadth (moulded) (B)	8.20m / 26.89ft
Depth amidship (D) <small>with keel</small>	6.37m / 20.89ft
Draft (T) <small>with keel</small>	4.60m / 15.09ft
Displacement (Δ)	236.8 ton
Speed max. (V)	12 knots
Passenger	8
Crew	4+1
Class	RINA

Technical Information

Construction

Hull Material	Steel
Structure Material	Steel

Main engine

1 x 750 HP VOLVO
D16 MARINE MG5170 HE

Steering system

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

Gearbox

TWINDISC or ZF

Tank capacities

Fuel	9300 ltr
Fresh water	4260 ltr
Gray water	3100 ltr
Black water	900 ltr

Propeller

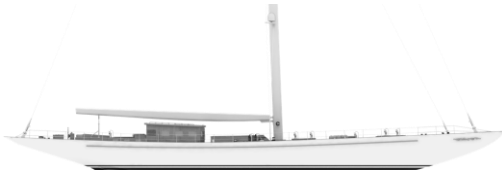
1 x 120 cm 4-blades propeller

Generators

1 x 40kVa + 1 x 17kVa

Bow thruster

Hydraulic thruster



Deck equipment

Exterior cockpit
Sun tent
Electro hydraulic windlass
Stainless steel, hydraulic gangway
Electro hydraulic steer
Hydraulic system unit

Hatches

Stainless steel escape hatches

Boiler

2 x 80 lt

Waste Water Treatment System

700lt/hour

Watermaker

120lt/hour

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.